



T.C. ULAŖTIRMA VE ALTYAPI BAKANLIđI
TÜRASAŖ GENEL MÜDÜRLÜđÜ
TÜRASAŖ ESKİŖEHİR BÖLGE MÜDÜRLÜđÜ

MİSAFİR HANE BİNASI

Mekanik Tesisat Uygulama Projesi Raporu

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1. MEKANİK TESİSAT İŞLERİ

1.1. GENEL BİLGİLER

Eskişehir Misafirhane Binası, ESKİŞEHİR ilinde inşaa edilecektir. Hesap raporu, bu iş'e ait mekanik tesisat sistemlerini açıklamaktadır. Yapı, aşağıdaki mekanik tesisat sistemlerini içermektedir;

- i. Isıtma Tesisatı
- ii. Soğutma Tesisatı
- iii. Havalandırma Tesisatı
- iv. Temiz Su Tesisatı
- v. Pis Su Tesisatı
- vi. Yangın Tesisatı

BEP Yönetmeliği ve T.C. Bayındırlık Bakanlığı'nın ilgili yönergeleri çerçevesinde, TS825'e uygun olarak yapıda gerekli ısı izolasyonu sağlanmıştır. Detaylı ısı yalıtım raporu, ayrı bir rapor olarak hazırlanmış ve sunulmuştur.

Enerji yönetmeliği çerçevesinde, yapı'da kullanılacak sirkülasyon pompaları frekans invertörlü olarak seçilmiştir.

Yapının sıtatik olarak ısıtılması, Panel Tip Radyatörler ile sağlanacaktır, Panel Tipi Radyatörler Termastatik vanalı olacaktır.

Yapının idari alanlarının soğutulması Mini ve Değişgen debili VRF cihazlar ile sağlanmıştır.

Temiz su temini için, şehir şebekesi kullanılmıştır. Suların kesilmesine karşı depolama ve hidrofor sistemi projelendirilmiştir. Pis su tesisatı kapalı tip büz-rögar sistemi ile toplanıp şehir şebekesine verilecektir.

1.2. DİZAYN ŞARTLARI

2.STANDARTLAR

Mekanik sistemler, temel olarak mimari çizimler ve aşağıdaki lokal ve uluslararası standartlara göre hazırlanmıştır;

Yerel Standartlar

- T.C. Çevre ve Şehircilik Bakanlığı İnşaat Dairesi Yönetmelikleri
- TSE (Türk Standartları Enstitüsü)
- TS-825 Binalarda Isı Yalıtım Yönetmeliği
- BEP Binalarda Enerji Performansı Yönetmeliği
- Türkiye Binaların Yangından Korunması Hakkında Yönetmeliği
- TMMOB Türkiye Makina Mühendisleri Odası Yayınları

ASHRAE Standartları

- ASHRAE Handbook, 2007 Applications Volume
- ASHRAE Handbook, 2009 Fundamentals Volume
- ASHRAE Handbook, 2008 Systems & Equipment Volume
- ASHRAE Standard 62.1-2010 Indoor Air Quality Requirements

ASPE Standards

- American Society of Plumbing Engineers Plumbing System Data Book 1
- American Society of Plumbing Engineers Plumbing System Data Book 2

International Code Council

- International Plumbing Code 2009

NFPA Standartları

- NFPA National Fire Protection Association Codes

2.1.1.DIŞ HAVA DİZAY DEĞERLERİ

Devlet Meteoroloji İşleri Genel Müdürlüğü Otuz Yıllık Ortalama iklim şartları ve MMO/296/5 no'lu yayını uyarınca Eskişehir il'i dış hava şartları aşağıdaki gibi kabul edilmiştir;

- Enlem : 39° 46.2' Kuzey
- Boylam : 30° 30' Doğu
- Rakım : 732 m
- Yaz : 34°C KT & 25°C YT
- Kış : -12°C KT & -12.5°C YT
- Gün. Sıc. Farkı : 15.9
- İklim Bölgesi : 3.Bölge



2.1.2.İÇ HAVA DİZAY DEĞERLERİ

İç hava konfor şartları aşağıdaki gibi belirlenmiştir;

<u>Oda Adı</u>	<u>Yaz (KTB & RH)</u>	<u>Kış (KT)</u>
ODA	26°C & %50	20°C
GİRİŞ	-	18°C
EĞİTİM SALONU	-	20°C
RESEPSİYON	-	20°C
MUTFAK	-	18°C
YEMEK SALONU	-	20 °C
BANYO WC	-	24 °C
WC	-	18 °C

2.1.3.TAZE HAVA VE HAVALANDIRMA DEĞERLERİ

İnsanlar için gereken taze hava oranlarında MMO 2003-296/3’de yer alan değerler dikkate alınmıştır. Bütün binada ve gerekli mahallerde (+), (-) veya nötr basınç sağlanmıştır. Ekli tabloda taze hava seçimleri verilmiştir.

<u>Mahal Adı</u>	<u>Taze Hava Gereksinimi</u>	<u>Basınç Değerleri</u>
WC	25 L/s.kişi	(-)

Diğer Tüm Hava Gereksinim Değerleri Ve Basınç Değerleri Havalandırma Projesi Üzerinde Detaylı bir şekilde gösterilmiştir.Proje’de, yukarıda belirtilen değerlerin üzerinde taze hava sirkülasyonu sağlanmış ve ısı geri kazanımlı santral kullanılarak, enerji tüketimi minimize edilmiştir.

3.ISITMA TESİSATI

3.1.1.ISIL YÜKLER

Yapının ısıtılması için 3 adet 80/60C sıcak su üreten Doğalgaz Yakıtlı kazan seçilmiştir. Kazan, Yapının bodrum katının Teshin merkezinde koşullandırılmıştır. Isıtma sistemi su rejimi 80/60C olacaktır. Sistem kapalı tip seçilmiştir, atmosfere kapalı genleşme tankı kullanılmıştır.

Yapının statik olarak panel tipi Radyatörler ile sağlanmıştır. Radyatörlerde termostatik vana kullanılacaktır. Bütün ısıtma pompaları frekans invertörlü olarak seçilmiştir.

Isıtma sistemi zonları aşağıdaki gibi belirlenmiştir;

- Radyatör
- Kullanma Sıcak Suyu

“Isı Yalıtım Projesi” TSE 825 Nisan 2025 tarihli Resmi Gazete’de yayımlanan ve yürürlüğe girmiş olan “Binalarda Isı Yalıtım Yönetmeliği” doğrultusunda, yönetmelik esaslarına uygun olarak hazırlanarak yapı genelinde yeterli ısı yalıtımı yapılacaktır.

ISITMA SİSTEMİ ISIL YÜKLERİ-ASM BÖLÜMÜ:

Isıtma Tesisatı Adı	Isıl Yüğü
Radyatör Isıtma Yüğü	221.885 W
Kullanma Sıcak Suyu Isıtma Yüğü	170.000 W
	391.885 W

$$391.885 \text{ W} \times 1,1 = 431.074 \text{ W}$$

Emniyetle 3x150 kw’lık (80/60C işletme rejiminde) Isıtma Kazanı seçilmiştir.

KAZAN İŞLETME BASINÇ HESABI

Isıtma sistemi EN ALT KOT’u= 00,00

Isıtma sistemi EN ÜST KOT’u= +18,90

Kazan Gelicek Statik Yükseklik/Basınç= +18,90 – (+00,00) = 18,90 m =1.89 Bar

İşletme Basıncı= 2,5 ~ 3,0 Bar

ISITMA SICAK SUYU KAZANI-ASM:

Kapasite : 150 kW (129.000 kcal/h)

Yakıt Tipi : Duvar Tipi Yoğuşmalı Kazan

Adet : 3

İşletme Basıncı : 2,5 bar

Konst. Basıncı : 3,0 bar

Kazan Bacası : Ø35 cm. 316 Paslanmaz çelik Yatay ve Atmosfere Açık Alan Çift Cidarlı İzoleli, Dikey Şaft İçerisindeki İzolesiz (19,7 mtül) (her kazan için ayrı olacaktır.)

MMO/352/7’ye göre etkin baca yüksekliği 19,7 m ve toplam 150 kw kazan kapasitesine göre belirlenmiştir.(Mahya kot’undan +80 cm(0,8 m) olacaktır.)

KAZAN BACASI HESABI (KAZAN İÇİN):

$$Q_{KAZAN} = 450.000 \text{ W (387.000 kcal/h)}$$

$$h=18,90+0,8=19,70 \text{ m}$$

$$V = \frac{Q_{KAZAN} \times 0,012}{h^{1/2}} \text{ cm}^2\text{'den.}$$

$$V = \frac{387.000 \times 0,012}{19,7^{1/2}} \text{ cm}^2\text{'den.}$$

$$F_B = 1046 \text{ cm}^2$$

Duman Bacası = Ø35 cm. Paslanmaz çelik Yatay ve Atmosfere Açık Alan Çift Cidarlı İzoleli, Dikey Şaft İçerisindeki İzolesiz (19,7 mtül)(her kazan için ayrı olacaktır.)

3.1.2.DENGE KABI

V	= 20 m ³ /h
Gövde Çapı	= Ø273 mm
Yükseklik	= Ø940 mm
Giriş Çıkış çapı	= Ø100
Adet	= 1

3.1.3.TORTU TUTUCU

Giriş Çıkış çapı	= Ø100
Gövde Çapı	= Ø200 mm
Toplam Adet	= 1

3.1.4.HAVA TUTUCU

Giriş Çıkış çapı	= Ø100
Gövde Çapı	= Ø200 mm
Toplam Adet	= 1

3.1.5.KAZAN SİRKÜLASYON POMPASI

$$Q_{\text{RADYATÖR}} = 150.000 \text{ W}$$

$$V = \frac{150.000 \text{ W} \times 0,86 \times 1,1}{20.000} = 7.1 \text{ m}^3/\text{h}$$

Seçilen Pompalar :

$$V = 8,0 \text{ m}^3/\text{h}$$

$$H = 8,0 \text{ mSS}$$

$$\text{Adet} = 3$$

$$\text{Motor Gücü} = 2,0 \text{ kW.} \quad n = 1450 \text{ d/d}$$

$$\text{Tip} = \text{Düz boruya takılabilen, frekans invertörlü}$$

3.1.6.RADYATÖR TESİSATI SİRKÜLASYON POMPASI

$$Q_{\text{RADYATÖR}} = 221.885 \text{ W}$$

$$V = \frac{221.885 \text{ W} \times 0,86 \times 1,1}{20.000} = 10.50 \text{ m}^3/\text{h}$$

Seçilen Pompalar :

$$V = 11,0 \text{ m}^3/\text{h}$$

$$H = 9,0 \text{ mSS}$$

$$\text{Adet} = 2 \text{ (1 asıl 1 yedek)}$$

$$\text{Motor Gücü} = 2,2 \text{ kW.} \quad n = 1450 \text{ d/d}$$

$$\text{Tip} = \text{Düz boruya takılabilen, frekans invertörlü}$$

3.1.7.BOYLER TESİSATI SİRKÜLASYON POMPASI

$$Q_{\text{RADYATÖR}} = 170.000 \text{ W}$$

$$V = \frac{170.000 \text{ W} \times 0,86 \times 1,1}{20.000} = 8.1 \text{ m}^3/\text{h}$$

Seçilen Pompalar :

$$V = 8,0 \text{ m}^3/\text{h}$$

$$H = 8,0 \text{ mSS}$$

$$\text{Adet} = 2 \text{ (1 asıl 1 yedek)}$$

$$\text{Motor Gücü} = 2,0 \text{ kW.} \quad n = 1450 \text{ d/d}$$

$$\text{Tip} = \text{Düz boruya takılabilen, frekans invertörlü}$$

4.SİHHİ TESİSAT

4.1.1.KULLANMA TEMİZ SU TESİSATI

Binanın kullanma soğuk su ihtiyacı, şehir şebekesinden sağlanacaktır. Basıncın yetersizliği ve su kesilmelerine karşı depo + hidrofor sistemi uygulanmıştır. Teknik merkezin yanında kurulacak su istasyonu merkezinde su depoları konulacaktır. Hidrofor sistemine ait pompalar frekans invertörlü olarak seçilmiştir.

<u>Temiz Su Sarfiyat Birimleri:</u>	<u>Aparat Cinsi</u>	<u>Yükleme Birimi</u>
	WC	0,25
	Duş	2,50
	Eviye	1
	Lavabo	0,50
	Pisuar	0,25
	Taharet Musluğu	0,25

<u>Temiz Su Boruları Çapları:</u>	<u>Çap</u>	<u>Verdi (L/s)</u>	<u>Yükleme Birimi</u>
	1/2"	0,00 - 0,22	0,0 - 2,45
	3/4"	0,22 - 0,40	2,5 - 5,75
	1"	0,40 - 0,75	6,0 - 15,0
	1 1/4"	0,75 - 1,25	16, - 26,0
	1 1/2"	1,25 - 2,00	27, - 100,0
	2"	2,00 - 3,50	1 01 - 180,0

Temiz su boru çapları yükleme birimine göre verilmiştir. 3/8" 'lik bir musluğun su verimi olan 0.25 lt/sn yükleme birimi olarak alınmıştır. Diğer bütün sarfiyatlar bu birime tamamlanmıştır.

4.1.2.KULLANMA SOĞUK SUYU DEPOSU SEÇİMİ

KULLANMA SOĞUK SUYU DEPOSU (TS 1258)

Yapı Tipi	Kişi Sayısı	Depolama Hacmi (lt/gün.kişi)	lt/gün
Misafirhane (personel için)	15	45	675
Misafirhane (Konaklama için)	60	80	4,800
TOPLAM			5,475

(1 günlük Depolama Düşünülerek)	V =	5.48	TON
(2 günlük Depolama Düşünülerek)	V =	10.95	TON

Emniyetle Seçilen

(1 günlük Depolama Düşünülerek)	V =	6.00	TON
(2 günlük Depolama Düşünülerek)	V =	12.00	TON

2 gün'lük depolama için **12,0 ton**'luk paslanmaz çelik GRP modüler temiz su deposu seçilmiştir.

4.1.3.KULLANMA SOĞUK SUYU HİDROFOR SEÇİMİ

Kullanan armatürlerin yükleme birimleri toplamı: Z = 197.00 YB

Saatlik maksimum su tüketimi : Vm = 3600 (0,25 (√197.00)) = 12.632 / h = 12.64 mt/h

Pompa debisi: Vp = 15 m³/h seçildi. (emniyetle)

İşletme basınçları:

Kot Farkı: hp = 15,8 mSS

Akma Basıncı: ha = 5 mSS

Boru Kayıpları: hb = 15,0 mSS

Sayaç Kayıpları: hc = 5 mSS

İşletme alt basıncı: Pa = (hp + ha + hb+ hc)

İşletme alt basıncı: Pa = (15,8 + 5 +15 +5) = 40.8 mSS

İşletme alt basıncı: Pa = 4.5 atü seçildi.

İşletme üst basıncı: Pu = 6.0 atü seçildi.

5 Şalt sayısı: n = 20 defa/h alınarak:

$$VN = 0,33 \times QP \times \frac{(P_{ÜST} + 1)}{(P_{ÜST} - P_{ALT}) \times S}$$

VN : Hidrofor tankı nominal hacmi (m3)

QP : Bir pompanın PALT basınçta verdiği max debi miktarı (m3 / h)

S : Salt sayısı (Motorun saatte devreye girip çıkma sayısı) 1/S

- 2 veya 3 kW lık motor güçlerine kadar şalt sayısı 40'a kadar çıkabilir.

- Büyük motorlarda şalt sayısı 20'ye çekildi.

$$VN = 0,33 \times 15 \times \frac{(6.0 + 1)}{(6.0 - 4.5) \times 30} = 0.770 \text{ m}^3 = 770 \text{ lt}$$

KULLANMA TEMİZ SUYU HİDROFORU:

Kapasite : 15,0 m3/h (15,0+ 15,0 m3/h)

Basınç Alt/Üst : 45 / 60 mSS

Pompa Adet : 2 (1 asıl, 1 yedek)

Elektrik Gücü : 6,0 kW

Tip : Düşey milli, frekans invertörlü, paket tip tam otomatik

Genleşme Tankı : 800 L PN16

4.1.4.BOYLER ISITMA KAPASİTESİ

KULLANMA SICAK SUYU HESABI (TS 1258)

Kullanma Sıcak Suyu Gereksinimi 60C Sıcak Su (TS1258)			
Armatür Tipi	MİSAFİR HANE (L)	Adet	Toplam (L)
Özel Lavabo	7.6	46	350
Genel Lavabo	30	11	330
Eviye	114	5	570
Duş	284	46	13,064

TOPLAM 14,314

Kullanma Eş Zaman Faktörü : 0.25

Depolama Faktörü : 0.80

Olası Maksimum Sıcak Su Tüketimi (L/h) : 2,863

Kullanma Sıcak Suyu Süper Tip Boyleri Kapasitesi (L/h) : 1,300

Kullanma Sıcak Suyu Boyleri Adedi : 2

Toplam Kullanma Sıcak Suyu Üretimi (L/h) : 2,600

Isıtma Kazanına Gelen Isıl Yük (kW) : 170

Süper tip hızlı boyler pompası, boyler su sıcaklığına göre on-off çalışacak şekilde otomatik kontrolü yapılacaktır. Su sıcaklığı 40C'ye indiğinde ON, 50C çıktığında OFF konumuna gelecektir. Lejyoner'e karşı önlem olarak, panosunda gerekli önlem alınacaktır (*Hafta'da 1 defa, gece 03:00~04:00 arasında, 1 saat 70C de tutacak şekilde*).

4.1.5.KULLANMA SICAK SUYU RE-SİRKÜLASYON POMPASI

$$Q_{\text{RADYATÖR}} = 146.200 \text{ kcal/h} \approx 170 \text{ kW}$$

$$V = \frac{146.200 \text{ W} \times 0,05 \times 1,1}{5.000} = 1.61 \text{ m}^3/\text{h}$$

Seçilen Pompalar :

$$V = 2,0 \text{ m}^3/\text{h}$$

$$H = 8,0 \text{ mSS}$$

$$\text{Adet} = 2 \text{ (1 asıl 1 yedek)}$$

$$\text{Motor Gücü} = 1,1 \text{ kW.} \quad n = 1450 \text{ d/d}$$

$$\text{Tip} = \text{Düz boruya takılabilen, frekans invertörlü}$$

5.YAĞMUR SUYU TESİSATI

Çatı'dan gelen bütün yağmur hatları kapalı devre büz rögar sistemi toplanarak, şehir yağmur şebekesine drene edilecektir.

6.PİS SU TESİSATI

Pis su tesisatı, büz-rögar sistemiyle toplanıp en uygun rögardan kanalizasyon şebekesine bağlanacaktır.

<u>Pis Su Sarfiyat Birimleri:</u>	<u>Aparat Cinsi</u>	<u>Yükleme Birimi</u>
	WC	8
	Duş	7
	Eviye	4
	Lavabo	2
	Pisuar	1
	Süzgeç	2

<u>Pis Su Boru Çapları:</u>	<u>Boru Çapı (mm)</u>	<u>Düşey Boru</u>	<u>Yatay Boru</u>
	50	-	4
	70	40	25
	100	150	100
	125	400	270
	150	900	600

7.YANGIN TESİSATI

2007/12937 sayılı, 27.11.2007 tarihli Resmi Gazete’de yayımlanan “Yangından Korunma Yönetmeliği” ve Bakanlar Kurulu’nun 10.08.2009 gün ve 2009/15316 sayılı kararı ile resmi gazetenin 9.09.2009 gün ve 27344 sayılı sayısında yayınlanan « Binaların Yangından Korunması Hakkında Yönetmelikte Değişiklik Yapılmasına Dair Yönetmelik » hükümleri çerçevesinde, yapıda yangın tesisatı uygulanmıştır. Kuru kimyevi 6 kg yangın tüpleri yerleştirilmiştir.

7.1.1.SULU SÖNDÜRME TESİSATI

*Yönetmelik gereği yapının yangından korunması tüplü yangın dolapları, deposu ve pompası tesisatı ile sağlanacaktır. Müstakil bir su deposu ve yangın pompası seçilmiştir.

*Yangın Söndürme suyu ihtiyacı su deposu mahalinde projelendirilen prizmatik, modüler, galvaniz sac su deposundan karşılanmıştır.

Yönetmelik EK-1/B ve Kullanım Türü bakımından, Orta Tehlike-1 Sınıfındadır.

Yangın Suyu Pompa Hesabı:

- Yönetmelik Ek-8/C ve Orta Tehlike-1 Sınıfı için,
- İlave Edilecek Yangın Dolabı Debisi :100 lt/dk (60 dk),

Yan. dolapları su ihtiyacı = 100 lt/dk x 2 = 200 lt/dk
Toplam su ihtiyacı = 200 lt/dk

YANGIN POMPASI DEBİ : 200 lt/dk x 60 / 1000 = **12,0 m3/h Emniyetle Seçilmiştir.**

Yangın Suyu Deposu İhtiyacı Hesabı

- Yönetmelik Ek-8/C ve Orta Tehlike-1 Sınıfı için, (Yangın Dolabı için) yangın su deposu 12 m3 olacaktır.
- Yangın su deposu galvaniz modüler prizmatik su deposu olarak 12 m3 (Emniyetle) olarak belirlenmiştir.

7.1.2. YANGIN HİDROFOR SEÇİMİ

KULLANMA TEMİZ SUYU HİDROFORU:

Kapasite : 12,0 m3/h (12,0+ 12,0 m3/h)
Basınç Alt/Üst : 35 / 50 mSS
Pompa Adet : 2 (1 asıl, 1 yedek)
Elektrik Gücü : 5,0 kW
Tip : Düşey milli, frekans invertörlü, paket tip tam otomatik
Genleşme Tankı : 500 L PN16

GENLEŞME TANKI HESAPLAR

KAPALI GENLEŞME TANKI HESABI

1 STATİK BASINÇ (P_S)

(Kazan dairesi döşeme kotu ile, en üst kat radyatör üst kotu arası fark)

$$H_{\text{STATİK}} = 15.8 \text{ m.}$$

$$P_{\text{STATİK}} = 1.6 \text{ Bar}$$

2 GENLEŞME TANKI ÖNGAZ BASINCI (P_O)

(Ön gaz basıncı, statik basınçtan 0,2-0,5 bar kadar daha yüksek olmalıdır.)

$$P_O \geq P_S + 0,2 \sim 0,5$$

$$P_O = 1.8 \text{ Bar}$$

3 DOLUM BASINCI (P_f)

(Tesisata su basılır ve tesisatın havası alınır. Hava alınma işleminden sonra, su basıncı deponun ön gaz basıncından asgari 0,3 bar daha yüksek olacak şekilde yeniden su basılır)

$$P_f \geq P_O + 0,3$$

$$P_f = 2.1 \text{ Bar}$$

4 İŞLETME ÜST BASINCI (P_e)

$$P_e \geq P_f$$

$$P_e = 2.6 \text{ Bar}$$

5 EMNİYET VENTİLİ AÇMA BASINCI (P_{açma})

$$P_{\text{açma}} \geq P_e$$

$$P_{\text{açma}} = 3.1 \text{ Bar}$$

6 GENLEŞME TANKI HACMİNİN HESABI (V_N)

"K" Kullanma Katsayısı

$$K = \frac{(P_{\text{açma}} + 1) - (P_O + 1)}{(P_{\text{açma}} + 1)}$$

$$K = 0.319$$

V_S = Sistemdeki Toplam Su Hacmi (lt.)

$$V_S = Q_{\text{KAZAN}} \times \text{Adet} \times (f / 1000)$$

$$V_S = 3870.0 \text{ lt.}$$

V_G = Genleşen Su Miktarı (lt.)

$$V_G = V_S \times (n_{\text{MAX}} - n_{\text{MIN}})$$

$$V_G = 111.2 \text{ lt.}$$

$$V_N = V_G / K$$

$$V_N = 349 \text{ lt.}$$

$$Q_{\text{KAZAN}} = 129,000 \text{ kcal/h} \quad 150.00 \text{ kW}$$

$$\text{Adet} = 3$$

$$f = 10$$

f	Isıtıcı Eleman
6	Konvektör
8	FanCoil
10	Panel Radyatör
12	Döküm Radyatör
14	Çelik Radyatör
23	Yerden Isıtma

Genleşme Katsayısı

°C	n
0	0.00013
10	0.00027
20	0.00177
30	0.00435
40	0.00782
50	0.0121
55	0.0145
60	0.0171
65	0.0198
70	0.0227
75	0.0258
80	0.029
85	0.0324
90	0.0359
95	0.0396
100	0.0434

°C

$$T_{\text{MAX}} = 80$$

$$n_{\text{MAX}} = 0.029$$

$$T_{\text{MIN}} = 10$$

$$n_{\text{MIN}} = 0.00027$$

K DEĞERLERİ

K DEĞERİ HESABI

Proje no : K_ESKISEHIRMISAFI
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Açıklama :

Sayfa no : 1
Revizyon : 0
Tarih : 05.03.2026
Hesap :
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti	DD1
Açıklaması	Dış duvar
K (W/m2K)	0.270
K (Kcal/hm2°C)	0.232
Yönetmelik K (W/m2K)	0.50
Uygunluk	Uygun
Hacim ağırlığı (Kg/m2)	217
Toplam kalınlık (m)	0.35

Yüzeysel ısı taş. direnci Ri (m2K/W)	0.13
Yüzeysel ısı taş. direnci Rd (m2K/W)	0.04

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m3)	Su buharı dif.dir.f.
1- [4.1] - Kireç harcı, kireç-çimento harcı	0.020	1.000	1,800	15
2- [7.1.5.3] - Yatay delikli tuğlalarla yapılan duvarlar (TS EN 771-1)	0.200	0.390	800	5
3- [10.5.2] - Mineral ve bitkisel lifli ısı yalıtım malzemeleri (Cam yükü, taş yünü vb.) TS 901 EN 13162 10) 'e uygun ısı iletkenlik grupları 040	0.120	0.040	8	1
4- [4.2] - Çimento harcı	0.010	1.600	2,000	15

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / \wedge 1) + (L2 / \wedge 2) + (Ln + \wedge n) + (1 / \text{taş2})$$

$$K = (1 / ((0.13) + (0.020 / 1.000) + (0.200 / 0.390) + (0.120 / 0.040) + (0.010 / 1.600) + (0.04))) = 0.270$$

K DEĞERİ HESABI

Proje no : K_ESKISEHIRMISAFI
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Açıklama :

Sayfa no : 2
Revizyon : 0
Tarih : 05.03.2026
Hesap :
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti	DD2
Açıklaması	Dış duvar
K (W/m2K)	0.303
K (Kcal/hm2°C)	0.261
Yönetmelik K (W/m2K)	0.50
Uygunluk	Uygun
Hacim ağırlığı (Kg/m2)	657
Toplam kalınlık (m)	0.40

Yüzeysel ısı taş. direnci Ri (m2K/W)	0.13
Yüzeysel ısı taş. direnci Rd (m2K/W)	0.04

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m3)	Su buharı dif.dir.f.
1- [4.1] - Kireç harcı, kireç-çimento harcı	0.020	1.000	1,800	15
2- [5.1.1] - Donatılı	0.250	2.500	2,400	80
3- [10.5.2] - Mineral ve bitkisel lifli ısı yalıtım malzemeleri (Cam yükü, taş yünü vb.) TS 901 EN 13162 10) 'e uygun ısı iletkenlik grupları 040	0.120	0.040	8	1
4- [4.2] - Çimento harcı	0.010	1.600	2,000	15

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / \wedge 1) + (L2 / \wedge 2) + (Ln + \wedge n) + (1 / \text{taş2})$$

$$K = (1 / ((0.13) + (0.020 / 1.000) + (0.250 / 2.500) + (0.120 / 0.040) + (0.010 / 1.600) + (0.04))) = 0.303$$

K DEĞERİ HESABI

Proje no : K_ESKISEHIRMISAFI
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Açıklama :

Sayfa no : 3
Revizyon : 0
Tarih : 05.03.2026
Hesap :
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti	İd1
Açıklaması	İç duvar
K (W/m2K)	1.230
K (Kcal/hm2°C)	1.058
Yönetmelik K (W/m2K)	0.00
Uygunluk	
Hacim ağırlığı (Kg/m2)	232
Toplam kalınlık (m)	0.24

Yüzeysel ısı taş. direnci Ri (m2K/W)	0.13
Yüzeysel ısı taş. direnci Rd (m2K/W)	0.13

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m3)	Su buharı dif.dir.f.
1- [4.1] - Kireç harcı, kireç-çimento harcı	0.020	1.000	1,800	15
2- [4.1] - Kireç harcı, kireç-çimento harcı	0.020	1.000	1,800	15
3- [7.1.5.3] - Yatay delikli tuğlalarla yapılan duvarlar (TS EN 771-1)	0.200	0.390	800	5

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / ^1) + (L2 / ^2) + (Ln + ^n) + (1 / \text{taş2})$$

$$K = (1 / ((0.13) + (0.020 / 1.000) + (0.020 / 1.000) + (0.200 / 0.390) + (0.13))) = 1.230$$

K DEĞERİ HESABI

Proje no : K_ESKİSEHİR
Proje adı : TURASAS ESKİSEHİR MİSAFİR HANE
Açıklama :

Sayfa no : 4
Revizyon : 0
Tarih : 05.03.2026
Hesap :
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti	TE
Açıklaması	Çatı
K (W/m ² K)	0.214
K (Kcal/hm ² °C)	0.184
Yönetmelik K (W/m ² K)	0.30
Uygunluk	Uygun
Hacim ağırlığı (Kg/m ²)	636
Toplam kalınlık (m)	0.43

Yüzeysel ısı taş. direnci Ri (m ² K/W)	0.13
Yüzeysel ısı taş. direnci Rd (m ² K/W)	0.04

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m ³)	Su buharı dif.dir.f.
1- [4.1] - Kireç harcı, kireç-çimento harcı	0.020	1.000	1,800	15
2- [5.1.1] - Donatılı	0.130	2.500	2,400	80
3- [4.6] - Çimento harçlı şap	0.050	1.400	2,000	15
4- [10.3.2.1.1] - Ekstrüde polistren köpüğü - TS 11989 EN 13164'e uygun ısı iletkenlik grupları 030	0.130	0.030	25	80
5- [4.6] - Çimento harçlı şap	0.050	1.400	2,000	15
6- [2.1] - Kum, kum-çakıl	0.050	2.000	1,700	50

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / \wedge 1) + (L2 / \wedge 2) + (Ln + \wedge n) + (1 / \text{taş2})$$

$$K = (1 / ((0.13) + (0.020 / 1.000) + (0.130 / 2.500) + (0.050 / 1.400) + (0.130 / 0.030) + (0.050 / 1.400) + (0.050 / 2.000) + (0.04))) = 0.214$$

K DEĞERİ HESABI

Proje no : K_ESKISEHIRMISAFI
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Açıklama :

Sayfa no : 5
Revizyon : 0
Tarih : 05.03.2026
Hesap
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti	Tdö1
Açıklaması	Tt. döşeme
K (W/m2K)	3.827
K (Kcal/hm2°C)	3.291
Yönetmelik K (W/m2K)	0.45
Uygunluk	Değil
Hacim ağırlığı (Kg/m2)	422
Toplam kalınlık (m)	0.19

Yüzeysel ısı taş. direnci Ri (m2K/W)	0.17
Yüzeysel ısı taş. direnci Rd (m2K/W)	Sonsuz

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m3)	Su buharı dif.dir.f.
1- [4.6] - Çimento harçlı şap	0.025	1.400	2,000	15
2- [4.6] - Çimento harçlı şap	0.030	1.400	2,000	15
3- [5.1.1] - Donatılı	0.130	2.500	2,400	80

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / ^1) + (L2 / ^2) + (Ln + ^n) + (1 / \text{taş2})$$

$$K = (1 / ((0.17) + (0.025 / 1.400) + (0.030 / 1.400) + (0.130 / 2.500))) = 3.827$$

K DEĞERİ HESABI

Proje no : K_ESKISEHIRMISAFI
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Açıklama :

Sayfa no : 6
Revizyon : 0
Tarih : 05.03.2026
Hesap :
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti DO
Açıklaması Döşeme/Tavan

K (W/m2K) 0.434
K (Kcal/hm2°C) 0.373
Yönetmelik K (W/m2K) 0.00
Uygunluk
Hacim ağırlığı (Kg/m2) 433
Toplam kalınlık (m) 0.27

Yüzeysel ısı taş. direnci Ri (m2K/W) 0.13
Yüzeysel ısı taş. direnci Rd (m2K/W) 0.08

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m3)	Su buharı dif.dir.f.
1- [4.6] - Çimento harçlı şap	0.050	1.400	2,000	15
2- [5.1.1] - Donatılı	0.130	2.500	2,400	80
3- [10.5.2] - Mineral ve bitkisel lifli ısı yalıtım malzemeleri (Cam yükü, taş yünü vb.) TS 901 EN 13162 10) 'e uygun ısı iletkenlik grupları 040	0.080	0.040	8	1
4- [4.2] - Çimento harcı	0.010	1.600	2,000	15

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / \wedge 1) + (L2 / \wedge 2) + (Ln + \wedge n) + (1 / \text{taş2})$$

$$K = (1 / ((0.13) + (0.050 / 1.400) + (0.130 / 2.500) + (0.080 / 0.040) + (0.010 / 1.600) + (0.08))) = 0.434$$

K DEĞERİ HESABI

Proje no : K_ESKISEHIRMISAFI
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Açıklama :

Sayfa no : 7
Revizyon : 0
Tarih : 05.03.2026
Hesap :
Kontrol :

DİZAYN DEĞERLERİ

Şehir adı
ESKİŞEHİR

Dış sıcaklık (°C)
-12 °C

Rüzgar durumu
Normal

HESAP DEĞERLERİ

İşareti	CA
Açıklaması	Çatı
K (W/m2K)	0.234
K (Kcal/hm2°C)	0.201
Yönetmelik K (W/m2K)	0.30
Uygunluk	Uygun
Hacim ağırlığı (Kg/m2)	349
Toplam kalınlık (m)	0.31

Yüzeysel ısı taş. direnci Ri (m2K/W)	0.17
Yüzeysel ısı taş. direnci Rd (m2K/W)	0.04

Malzemeler	Kalınlık (m)	Lamda (W/mK)	Brm. Hacim (Kg/m3)	Su buharı dif.dir.f.
1- [4.1] - Kireç harcı, kireç-çimento harcı	0.020	1.000	1,800	15
2- [5.1.1] - Donatılı	0.130	2.500	2,400	80
3- [10.5.2] - Mineral ve bitkisel lifli ısı yalıtım malzemeleri (Cam yükü, taş yünü vb.) TS 901 EN 13162 10) 'e uygun ısı iletkenlik grupları 040	0.160	0.040	8	1

Isı geçirme katsayısı hesabı

$$1 / K = (1 / \text{taş1}) + (L1 / \wedge 1) + (L2 / \wedge 2) + (Ln + \wedge n) + (1 / \text{taş2})$$

$$K = (1 / ((0.17) + (0.020 / 1.000) + (0.130 / 2.500) + (0.160 / 0.040) + (0.04))) = 0.234$$

ISI KAYBI HESAPLARI

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİR MISAFIR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 1
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

301

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120

465 7 5 -5 1.07 498
309
807

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

302

BANYO

24 °C

CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33

128 7 5 0 1.12 143
143

303

HOL

20 °C

CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26
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26 7 5 0 1.12 29
29

304

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120

465 7 5 -5 1.07 498
309
807

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

305

HOL

20 °C

CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26
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ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİRMİSAFİR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 2
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :I

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z (% W	ZH (% W	Z	Toplam Q Watt
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26 7 5 0 1.12 29

29

306

BANYO

24 °C

CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32					
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25					
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33					

128 7 5 0 1.12 143

143

307

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193					
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103					
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32					
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17					
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120					

465 7 5 -5 1.07 498

Qfuga = (axl) x R x H x (ti-td) x Ze
12.15 x 0.9 x 0.83 x 34 x 1

309

807

308

BANYO

24 °C

CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32					
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25					
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33					

128 7 5 0 1.12 143

143

309

HOL

20 °C

CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26					
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26 7 5 0 1.12 29

29

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 3
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

310

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120

465 7 5 -5 1.07 498

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

807

311

HOL

20 °C

CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26
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26 7 5 0 1.12 29

29

312

BANYO

24 °C

CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33

128 7 5 0 1.12 143

143

313

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120

465 7 5 -5 1.07 498

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

807

314

BANYO

24 °C

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 5
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

143

319

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	4.50	2.50	11.25	1	4.83	6.42	0.270	34	9.18	59
DD2	G	0.400	4.50	0.50	2.25	1		2.25	0.303	34	10.30	23
DD1	B	0.350	4.55	2.50	11.38	1		11.38	0.270	34	9.18	104
DD2	B	0.400	4.55	0.50	2.28	1		2.28	0.303	34	10.30	23
CA		0.310	0.00	0.00	0.00	1		20.42	0.234	34	7.96	163

668 7 5 -5 1.07 715

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

1,024

320

BANYO

24 °C

CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33

128 7 5 0 1.12 143

143

321

HOL

20 °C

DD1	B	0.350	2.25	2.50	5.63	1		5.63	0.270	32	8.64	49
DD2	B	0.400	2.25	0.50	1.13	1		1.13	0.303	32	9.70	11
CA		0.310	0.00	0.00	0.00	1		5.84	0.234	32	7.49	44

104 7 5 0 1.12 116

116

322

KORİDOR

20 °C

P15	K		3.15	1.40	4.41	1		4.41	1.800	32	57.60	254
DD1	K	0.350	3.28	2.50	8.20	1	4.41	3.79	0.270	32	8.64	33
DD2	K	0.400	3.28	0.50	1.64	1		1.64	0.303	32	9.70	16
DD2	K	0.400	5.55	3.00	16.65	1		16.65	0.303	32	9.70	162
YK1	B		1.00	2.10	2.10	1		2.10	1.800	32	57.60	121
DD1	B	0.350	1.83	2.50	4.58	1	2.10	2.48	0.270	32	8.64	21
DD2	B	0.400	1.83	0.50	0.92	1		0.92	0.303	32	9.70	9
YK1	D		1.00	2.10	2.10	1		2.10	1.800	32	57.60	121

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 6
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z (% W	ZH (% W	Z (% W	Toplam Q Watt
DD1	D	3.50	1.83	2.50	4.58	1	2.10	2.48	0.270	32	8.64	21					
DD2	D	4.00	1.83	0.50	0.92	1		0.92	0.303	32	9.70	9					
DD1	K	3.50	1.20	2.50	3.00	1		3.00	0.270	32	8.64	26					
DD2	K	4.00	1.20	0.50	0.60	1		0.60	0.303	32	9.70	6					
DD1	K	3.50	1.15	2.50	2.87	1		2.88	0.270	32	8.64	25					
DD2	K	4.00	1.15	0.50	0.57	1		0.58	0.303	32	9.70	6					
CA		3.10	0.00	0.00	0.00	1		90.81	0.234	32	7.49	680					
												1,510	7	5	5	1.17	1,767
Qfuga = (axl) x R x H x (ti-td) x Ze												22.05 x 0.9 x 0.83 x 32 x 1.2					632
																	2,399
323						ODA				22 °C							
DD1	K	3.50	4.79	2.50	11.97	1		11.98	0.270	34	9.18	110					
DD2	K	4.00	4.79	0.50	2.39	1		2.40	0.303	34	10.30	25					
P15	B		3.15	1.40	4.41	1		4.41	1.800	34	61.20	270					
CK9	B		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103					
DD1	B	3.50	4.37	2.50	10.92	1	6.09	4.84	0.270	34	9.18	44					
DD2	B	4.00	4.37	0.50	2.18	1		2.19	0.303	34	10.30	23					
CA		3.10	0.00	0.00	0.00	1		20.92	0.234	34	7.96	167					
												742	7	5	5	1.17	868
Qfuga = (axl) x R x H x (ti-td) x Ze												12.15 x 0.9 x 0.83 x 34 x 1					309
																	1,177
324						BANYO				24 °C							
P16	K		0.65	0.55	0.36	1		0.36	1.800	36	64.80	23					
DD1	K	3.50	1.90	2.50	4.75	1	0.36	4.39	0.270	36	9.72	43					
DD2	K	4.00	1.90	0.50	0.95	1		0.95	0.303	36	10.91	10					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	2.40	1.90	3.00	5.70	1	1.68	4.02	1.230	4	4.92	20					
CA		3.10	0.00	0.00	0.00	1		4.43	0.234	36	8.42	37					
												146	7	5	5	1.17	171
Qfuga = (axl) x R x H x (ti-td) x Ze												3.6 x 0.9 x 0.83 x 36 x 1					97
																	268
325						HOL				20 °C							
CA		3.10	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26					
												26	7	5	0	1.12	29
																	29
328						ODA				22 °C							

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 7
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z ZH (%)	Z	Toplam Q Watt
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P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188				
DD1	K	0.350	4.65	2.50	11.63	1	3.08	8.55	0.270	34	9.18	78				
DD2	K	0.400	4.65	0.50	2.33	1		2.33	0.303	34	10.30	24				
CA		0.310	0.00	0.00	0.00	1		19.76	0.234	34	7.96	157				
												447	7	5	5	1.17
																523
																297
																820

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$11.7 \times 0.9 \times 0.83 \times 34 \times 1$$

329

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188				
DD1	K	0.350	5.20	2.50	13.00	1	3.08	9.92	0.270	34	9.18	91				
DD2	K	0.400	5.20	0.50	2.60	1		2.60	0.303	34	10.30	27				
CA		0.310	0.00	0.00	0.00	1		22.01	0.234	34	7.96	175				
												481	7	5	5	1.17
																563
																297
																860

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$11.7 \times 0.9 \times 0.83 \times 34 \times 1$$

330

BANYO

24 °C

P16	K		0.65	0.55	0.36	1		0.36	1.800	36	64.80	23				
DD1	K	0.350	1.90	2.50	4.75	1	0.36	4.39	0.270	36	9.72	43				
DD2	K	0.400	1.90	0.50	0.95	1		0.95	0.303	36	10.91	10				
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13				
İd1	K	0.240	1.90	3.00	5.70	1	1.68	4.02	1.230	4	4.92	20				
İd1	K	0.240	2.33	3.00	6.99	1		6.99	1.230	14	17.22	120				
CA		0.310	0.00	0.00	0.00	1		4.43	0.234	36	8.42	37				
												266	7	5	5	1.17
																311
																97
																408

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$3.6 \times 0.9 \times 0.83 \times 36 \times 1$$

331

HOL

20 °C

CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26				
												26	7	5	0	1.12
																29
																29

333

ODA

22 °C

P18	K		1.20	1.40	1.68	1		1.68	1.800	34	61.20	103				
DD1	K	0.350	3.15	2.50	7.88	1	1.68	6.20	0.270	34	9.18	57				
DD2	K	0.400	3.15	0.50	1.58	1		1.58	0.303	34	10.30	16				

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 8
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z W	ZH (% W	Z W	Toplam Q Watt
CA		3.10	0.00	0.00	0.00	1		13.21	0.234	34	7.96	105					
Qfuga = (axl) x R x H x (ti-td) x Ze													281	7	5	5	1.17
7.5 x 0.9 x 0.83 x 34 x 1																	190
																	519
334 BANYO 24 °C																	
P16	K		0.65	0.55	0.36	1		0.36	1.800	36	64.80	23					
DD1	K	3.50	1.90	2.50	4.75	1	0.36	4.39	0.270	36	9.72	43					
DD2	K	4.00	1.90	0.50	0.95	1		0.95	0.303	36	10.91	10					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	2.40	1.90	3.00	5.70	1	1.68	4.02	1.230	4	4.92	20					
CA		3.10	0.00	0.00	0.00	1		4.43	0.234	36	8.42	37					
													146	7	5	5	1.17
Qfuga = (axl) x R x H x (ti-td) x Ze																	97
3.6 x 0.9 x 0.83 x 36 x 1																	268
335 ODA 22 °C																	
P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188					
DD1	K	3.50	3.30	2.50	8.25	1	3.08	5.17	0.270	34	9.18	47					
DD2	K	4.00	3.30	0.50	1.65	1		1.65	0.303	34	10.30	17					
P15	D		3.15	1.40	4.41	1		4.41	1.800	34	61.20	270					
CK9	D		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103					
DD1	D	3.50	4.33	3.00	12.99	1	6.09	6.90	0.270	34	9.18	63					
DD2	D	4.00	4.33	0.50	2.16	1		2.17	0.303	34	10.30	22					
CA		3.10	0.00	0.00	0.00	1		18.54	0.234	34	7.96	148					
													858	7	5	5	1.17
Qfuga = (axl) x R x H x (ti-td) x Ze																	1,004
23.85 x 0.9 x 0.83 x 34 x 1.2																	727
																	1,731
336 ODA 22 °C																	
P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193					
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103					
DD1	G	3.50	3.25	2.50	8.13	1	4.83	3.30	0.270	34	9.18	30					
DD2	G	4.00	3.25	0.50	1.63	1		1.63	0.303	34	10.30	17					
DD2	D	4.00	4.50	3.00	13.50	1		13.50	0.303	34	10.30	139					
CA		3.10	0.00	0.00	0.00	1		14.77	0.234	34	7.96	118					
													600	7	5	-5	1.07
Qfuga = (axl) x R x H x (ti-td) x Ze																	642
12.15 x 0.9 x 0.83 x 34 x 1																	309
																	951
337 HOL 20 °C																	

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 9
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C		Kısmi	(%)	W	(%)		Watt

DD1	D	3.50	2.25	2.50	5.63	1		5.63	0.270	32	8.64	49						
DD2	D	4.00	2.25	0.50	1.13	1		1.13	0.303	32	9.70	11						
DD1	G	3.50	0.85	2.50	2.13	1		2.13	0.270	32	8.64	18						
DD2	G	4.00	0.85	0.50	0.43	1		0.43	0.303	32	9.70	4						
CA		3.10	0.00	0.00	0.00	1		5.84	0.234	32	7.49	44						
													126	7	5	-5	1.07	135
																		135

338

BANYO

24 °C

CA		3.10	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32						
İd1	K	2.40	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25						
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	2.40	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25						
													95	7	5	0	1.12	106
																		106

339

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193						
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103						
DD1	G	3.50	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32						
DD2	G	4.00	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17						
CA		3.10	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120						
													465	7	5	-5	1.07	498
																		309
																		807

Qfuga = (axl) x R x H x (ti-td) x Ze
12.15 x 0.9 x 0.83 x 34 x 1

340

BANYO

24 °C

CA		3.10	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32						
İd1	K	2.40	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25						
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	2.40	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25						
													95	7	5	0	1.12	106
																		106

341

HOL

20 °C

CA		3.10	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26					
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ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 10
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxd	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

26 7 5 0 1.12 29

29

342

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120

465 7 5 -5 1.07 498

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

807

343

HOL

20 °C

CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26
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26 7 5 0 1.12 29

29

344

BANYO

24 °C

CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25

95 7 5 0 1.12 106

106

345

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17
CA		0.310	0.00	0.00	0.00	1		15.09	0.234	34	7.96	120

465 7 5 -5 1.07 498

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

807

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 11
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt
346 BANYO 24 °C																		
CA		0.310	0.00	0.00	0.00	1		3.80	0.234	36	8.42	32						
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25						
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25						
													95	7	5	0	1.12	106
																		106
347 HOL 20 °C																		
CA		0.310	0.00	0.00	0.00	1		3.42	0.234	32	7.49	26						
													26	7	5	0	1.12	29
																		29
201 MESCİD 20 °C																		
P14	G		2.25	1.40	3.15	1		3.15	1.800	32	57.60	181						
CK9	G		0.80	2.10	1.68	1		1.68	1.800	32	57.60	97						
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	32	8.64	30						
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	32	9.70	16						
													324	7	0	-5	1.02	330
Qfuga = (axl) x R x H x (ti-td) x Ze 12.15 x 0.9 x 0.83 x 32 x 1																		290
																		620
202 ODA 22 °C																		
P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193						
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103						
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32						
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17						
													345	7	0	-5	1.02	352
Qfuga = (axl) x R x H x (ti-td) x Ze 12.15 x 0.9 x 0.83 x 34 x 1																		309
																		661
204 BANYO 24 °C																		
İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25						
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25						
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHIRMISAFIR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 12
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W)	Z W	ZH (% W)	Z	Toplam Q Watt
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96 7 0 0 1.07 103

103

205

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193					
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103					
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32					
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17					

345 7 0 -5 1.02 352

Qfuga = (axl) x R x H x (ti-td) x Ze
12.15 x 0.9 x 0.83 x 34 x 1

309

661

206

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25					
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33					

96 7 0 0 1.07 103

103

208

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193					
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103					
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32					
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17					

345 7 0 -5 1.02 352

Qfuga = (axl) x R x H x (ti-td) x Ze
12.15 x 0.9 x 0.83 x 34 x 1

309

661

210

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25					
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33					

96 7 0 0 1.07 103

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 13
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m ²)		A(m ²)	Alan	Watt/m ² K	°C			Kısmi	(%)	W	(%)		Watt

103

211

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17

345 7 0 -5 1.02 352

$$Q_{fuga} = (axl) \times R \times H \times (t_i - t_d) \times Z_e$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

661

212

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33

96 7 0 0 1.07 103

103

214

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17

345 7 0 -5 1.02 352

$$Q_{fuga} = (axl) \times R \times H \times (t_i - t_d) \times Z_e$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309

661

216

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33

96 7 0 0 1.07 103

103

217

ODA

22 °C

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİRMİSAFİR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 14
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m ²)		A(m ²)	Alan	Watt/m ² K	°C			Kısmi	(%)	W	(%)		Watt

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193						
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103						
DD1	G	0.350	4.50	2.50	11.25	1	4.83	6.42	0.270	34	9.18	59						
DD2	G	0.400	4.50	0.50	2.25	1		2.25	0.303	34	10.30	23						
DD1	B	0.350	4.55	2.50	11.38	1		11.38	0.270	34	9.18	104						
DD2	B	0.400	4.55	0.50	2.28	1		2.28	0.303	34	10.30	23						
													505	7	0	-5	1.02	515
																		309
																		824

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

218

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25						
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25						
İd1	K	0.240	2.25	3.00	6.75	1		6.75	1.230	4	4.92	33						
													96	7	0	0	1.07	103
																		103

219

HOL

20 °C

DD1	B	0.350	2.25	2.50	5.63	1		5.63	0.270	32	8.64	49						
DD2	B	0.400	2.25	0.50	1.13	1		1.13	0.303	32	9.70	11						
													60	7	0	0	1.07	64
																		64

220

KORİDOR

20 °C

P19	K		2.20	2.00	4.40	1		4.40	1.800	32	57.60	253						
CK10	K		0.95	2.50	2.37	1		2.38	1.800	32	57.60	137						
DD1	K	0.350	3.28	2.50	8.20	1	6.78	1.42	0.270	32	8.64	12						
DD2	K	0.400	3.28	0.50	1.64	1		1.64	0.303	32	9.70	16						
DD2	K	0.400	5.55	3.00	16.65	1		16.65	0.303	32	9.70	162						
YK1	B		1.00	2.10	2.10	1		2.10	1.800	32	57.60	121						
DD1	B	0.350	1.83	2.50	4.58	1	2.10	2.48	0.270	32	8.64	21						
DD2	B	0.400	1.83	0.50	0.92	1		0.92	0.303	32	9.70	9						
YK1	D		1.00	2.10	2.10	1		2.10	1.800	32	57.60	121						
DD1	D	0.350	1.83	2.50	4.58	1	2.10	2.48	0.270	32	8.64	21						
DD2	D	0.400	1.83	0.50	0.92	1		0.92	0.303	32	9.70	9						
DD1	K	0.350	1.20	2.50	3.00	1		3.00	0.270	32	8.64	26						
DD2	K	0.400	1.20	0.50	0.60	1		0.60	0.303	32	9.70	6						
DD1	K	0.350	1.15	2.50	2.87	1		2.88	0.270	32	8.64	25						
DD2	K	0.400	1.15	0.50	0.57	1		0.58	0.303	32	9.70	6						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 15
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to °C	dt	Kxdt	Q Kısmi	ZD (% W)	Z W	ZH (% W)	Z	Toplam Q Watt
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$$Q_{fuga} = (axl) \times R \times H \times (ti-td) \times Ze$$
$$27.45 \times 0.9 \times 0.83 \times 32 \times 1.2$$

945 7 0 5 1.12 1,058
787
1,845

221

ODA

22 °C

DD1	K	0.350	4.60	2.50	11.50	1		11.50	0.270	34	9.18	106
DD2	K	0.400	4.60	0.50	2.30	1		2.30	0.303	34	10.30	24
P15	B		3.15	1.40	4.41	1		4.41	1.800	34	61.20	270
CK9	B		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	B	0.350	4.37	2.50	10.92	1	6.09	4.84	0.270	34	9.18	44
DD2	B	0.400	4.37	0.50	2.18	1		2.19	0.303	34	10.30	23

$$Q_{fuga} = (axl) \times R \times H \times (ti-td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

570 7 0 5 1.12 638
309
947

222

BANYO

24 °C

P16	K		0.65	0.55	0.36	1		0.36	1.800	36	64.80	23
DD1	K	0.350	2.05	2.50	5.12	1	0.36	4.77	0.270	36	9.72	46
DD2	K	0.400	2.05	0.50	1.02	1		1.03	0.303	36	10.91	11

$$Q_{fuga} = (axl) \times R \times H \times (ti-td) \times Ze$$
$$3.6 \times 0.9 \times 0.83 \times 36 \times 1$$

80 7 0 5 1.12 90
97
187

223

BANYO

24 °C

P16	K		0.65	0.55	0.36	1		0.36	1.800	36	64.80	23
DD1	K	0.350	2.10	2.50	5.25	1	0.36	4.89	0.270	36	9.72	48
DD2	K	0.400	2.10	0.50	1.05	1		1.05	0.303	36	10.91	11
İd1	K	0.240	2.45	3.00	7.35	1		7.35	1.230	14	17.22	127
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.10	3.00	6.30	1	1.68	4.62	1.230	4	4.92	23

$$Q_{fuga} = (axl) \times R \times H \times (ti-td) \times Ze$$
$$3.6 \times 0.9 \times 0.83 \times 36 \times 1$$

245 7 0 5 1.12 274
97
371

225

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188
DD1	K	0.350	4.65	2.50	11.63	1	3.08	8.55	0.270	34	9.18	78
DD2	K	0.400	4.65	0.50	2.33	1		2.33	0.303	34	10.30	24

$$Q_{fuga} = (axl) \times R \times H \times (ti-td) \times Ze$$

290 7 0 5 1.12 325

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 16
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt
11.7 x 0.9 x 0.83 x 34 x 1																		297
																		622
226 ODA 22 °C																		
P17	K		2.20	1.40	3.08	1		3.08	1.800	34		61.20	188					
DD1	K	0.350	5.00	2.50	12.50	1	3.08	9.42	0.270	34		9.18	86					
DD2	K	0.400	5.00	0.50	2.50	1		2.50	0.303	34		10.30	26					
													300	7	0	5	1.12	336
Qfuga = (axl) x R x H x (ti-td) x Ze																		297
11.7 x 0.9 x 0.83 x 34 x 1																		633
228 ODA 22 °C																		
P18	K		1.20	1.40	1.68	1		1.68	1.800	34		61.20	103					
DD1	K	0.350	3.15	2.50	7.88	1	1.68	6.20	0.270	34		9.18	57					
DD2	K	0.400	3.15	0.50	1.58	1		1.58	0.303	34		10.30	16					
													176	7	0	5	1.12	197
Qfuga = (axl) x R x H x (ti-td) x Ze																		190
7.5 x 0.9 x 0.83 x 34 x 1																		387
229 BANYO 24 °C																		
P16	K		0.65	0.55	0.36	1		0.36	1.800	36		64.80	23					
DD1	K	0.350	1.90	2.50	4.75	1	0.36	4.39	0.270	36		9.72	43					
DD2	K	0.400	1.90	0.50	0.95	1		0.95	0.303	36		10.91	10					
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4		8.00	13					
İd1	K	0.240	1.90	3.00	5.70	1	1.68	4.02	1.230	4		4.92	20					
													109	7	0	5	1.12	122
Qfuga = (axl) x R x H x (ti-td) x Ze																		97
3.6 x 0.9 x 0.83 x 36 x 1																		219
231 ODA 22 °C																		
P17	K		2.20	1.40	3.08	1		3.08	1.800	34		61.20	188					
DD1	K	0.350	3.30	2.50	8.25	1	3.08	5.17	0.270	34		9.18	47					
DD2	K	0.400	3.30	0.50	1.65	1		1.65	0.303	34		10.30	17					
P15	D		3.15	1.40	4.41	1		4.41	1.800	34		61.20	270					
CK9	D		0.80	2.10	1.68	1		1.68	1.800	34		61.20	103					
DD1	D	0.350	4.33	3.00	12.99	1	6.09	6.90	0.270	34		9.18	63					
DD2	D	0.400	4.33	0.50	2.16	1		2.17	0.303	34		10.30	22					
													710	7	0	5	1.12	795
Qfuga = (axl) x R x H x (ti-td) x Ze																		727
23.85 x 0.9 x 0.83 x 34 x 1.2																		1,522

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİRMİSAFİR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 17
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

232

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.25	2.50	8.13	1	4.83	3.30	0.270	34	9.18	30
DD2	G	0.400	3.25	0.50	1.63	1		1.63	0.303	34	10.30	17
DD2	D	0.400	4.50	3.00	13.50	1		13.50	0.303	34	10.30	139

482 7 0 -5 1.02 492

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309
801

233

HOL

20 °C

DD1	D	0.350	2.25	2.50	5.63	1		5.63	0.270	32	8.64	49
DD2	D	0.400	2.25	0.50	1.13	1		1.13	0.303	32	9.70	11
DD1	G	0.350	0.85	2.50	2.13	1		2.13	0.270	32	8.64	18
DD2	G	0.400	0.85	0.50	0.43	1		0.43	0.303	32	9.70	4

82 7 0 -5 1.02 84

84

234

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25

63 7 0 0 1.07 67

67

235

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103
DD1	G	0.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32
DD2	G	0.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17

345 7 0 -5 1.02 352

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

309
661

236

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25
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ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 18
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z ZH (%)	Z	Toplam Q Watt
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İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13				
İd1	K	1.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25				
												63	7	0	0	1.07
																67
																67

238

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193				
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103				
DD1	G	1.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32				
DD2	G	1.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17				
												345	7	0	-5	1.02
																352
																309
																661

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

240

BANYO

24 °C

İd1	K	1.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25				
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13				
İd1	K	1.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25				
												63	7	0	0	1.07
																67
																67

241

ODA

22 °C

P14	G		2.25	1.40	3.15	1		3.15	1.800	34	61.20	193				
CK9	G		0.80	2.10	1.68	1		1.68	1.800	34	61.20	103				
DD1	G	1.350	3.32	2.50	8.30	1	4.83	3.47	0.270	34	9.18	32				
DD2	G	1.400	3.32	0.50	1.66	1		1.66	0.303	34	10.30	17				
												345	7	0	-5	1.02
																352
																309
																661

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.15 \times 0.9 \times 0.83 \times 34 \times 1$$

242

BANYO

24 °C

İd1	K	1.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25				
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13				
İd1	K	1.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25				
												63	7	0	0	1.07
																67

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİRMİSAFİR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 19
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

67

243

BANYO

24 °C

İd1	K	0.240	1.70	3.00	5.10	1		5.10	1.230	4	4.92	25						
İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.25	3.00	6.75	1	1.68	5.07	1.230	4	4.92	25						
													63	7	0	0	1.07	67

67

101

KORİDOR

20 °C

YK1	B		1.00	2.10	2.10	1		2.10	1.800	32	57.60	121						
DD1	B	0.350	4.10	4.55	18.66	1	2.10	16.56	0.270	32	8.64	143						
DD2	B	0.400	4.10	0.75	3.07	1		3.08	0.303	32	9.70	30						
YK1	D		1.00	2.10	2.10	1		2.10	1.800	32	57.60	121						
DD1	D	0.350	4.10	5.30	21.73	1	2.10	19.63	0.270	32	8.64	170						
TE		0.430	17.30	1.00	17.30	1		17.30	0.214	32	6.85	119						

Qfuga = (axl) x R x H x (ti-td) x Ze
18.6 x 0.9 x 0.83 x 32 x 1.2

704 7 5 0 1.12 788
534
1,322

103

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188						
DD1	K	0.350	3.25	3.70	12.03	1	3.08	8.95	0.270	34	9.18	82						
DD2	K	0.400	3.25	0.50	1.63	1		1.63	0.303	34	10.30	17						
TE		0.430	0.00	0.00	0.00	1		18.39	0.214	34	7.28	134						
İd1	K	0.240	1.70	4.20	7.14	1		7.14	1.230	12	14.76	105						

Qfuga = (axl) x R x H x (ti-td) x Ze
11.7 x 0.9 x 0.83 x 34 x 1

526 7 0 5 1.12 589
297
886

104

WC/BANYO

24 °C

TE		0.430	1.45	1.10	1.60	1		1.60	0.214	36	7.70	12						
İd1	K	0.240	2.00	5.30	10.60	1		10.60	1.230	14	17.22	183						
İd1	K	0.240	1.45	5.30	7.69	1		7.69	1.230	4	4.92	38						
													233	7	5	0	1.12	261

261

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 20
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z W	ZH (% W	Z W	Toplam Q Watt
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105

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188					
DD1	K	0.350	3.40	3.70	12.58	1	3.08	9.50	0.270	34	9.18	87					
DD2	K	0.400	3.40	0.50	1.70	1		1.70	0.303	34	10.30	18					
TE		0.430	0.00	0.00	0.00	1		20.22	0.214	34	7.28	147					
												440	7	0	5	1.12	493
																	297
																	790

Qfuga = (axl) x R x H x (ti-td) x Ze
11.7 x 0.9 x 0.83 x 34 x 1

106

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167					
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44					
												224	7	5	0	1.12	251
																	251

108

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188					
DD1	K	0.350	3.40	3.70	12.58	1	3.08	9.50	0.270	34	9.18	87					
DD2	K	0.400	3.40	0.50	1.70	1		1.70	0.303	34	10.30	18					
TE		0.430	0.00	0.00	0.00	1		20.22	0.214	34	7.28	147					
												440	7	0	5	1.12	493
																	297
																	790

Qfuga = (axl) x R x H x (ti-td) x Ze
11.7 x 0.9 x 0.83 x 34 x 1

110

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13					
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167					
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44					
												224	7	5	0	1.12	251
																	251

111

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188					
DD1	K	0.350	3.40	3.70	12.58	1	3.08	9.50	0.270	34	9.18	87					
DD2	K	0.400	3.40	0.50	1.70	1		1.70	0.303	34	10.30	18					
TE		0.430	0.00	0.00	0.00	1		20.22	0.214	34	7.28	147					

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 21
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to °C	dt	Kxdt	Q Kısmi	ZD (% W)	Z W	ZH (% W)	Z	Toplam Q Watt
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$$Q_{fuga} = (axl) \times R \times H \times (ti-td) \times Ze$$
$$11.7 \times 0.9 \times 0.83 \times 34 \times 1$$

440 7 0 5 1.12 493
297
790

112

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44

224 7 5 0 1.12 251
251

114

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188
DD1	K	0.350	3.40	3.70	12.58	1	3.08	9.50	0.270	34	9.18	87
DD2	K	0.400	3.40	0.50	1.70	1		1.70	0.303	34	10.30	18
TE		0.430	0.00	0.00	0.00	1		20.22	0.214	34	7.28	147

440 7 0 5 1.12 493
297
790

116

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44

224 7 5 0 1.12 251
251

117

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188
DD1	K	0.350	4.50	3.70	16.65	1	3.08	13.57	0.270	34	9.18	125
DD2	K	0.400	4.50	0.50	2.25	1		2.25	0.303	34	10.30	23
DD1	B	0.350	5.75	3.70	21.28	1		21.28	0.270	34	9.18	195
DD2	B	0.400	5.75	0.50	2.88	1		2.88	0.303	34	10.30	30
TE		0.430	0.00	0.00	0.00	1		26.51	0.214	34	7.28	193

754 7 0 5 1.12 844
297

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 22
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

1,141

118

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44

224 7 5 0 1.12 251

251

119

HOL

20 °C

DD1	B	0.350	2.15	4.55	9.78	1		9.78	0.270	32	8.64	84
DD2	B	0.400	2.15	0.75	1.61	1		1.61	0.303	32	9.70	16

100 7 5 0 1.12 112

112

120

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360
DD1	G	0.350	4.50	4.55	20.48	1	5.88	14.60	0.270	34	9.18	134
DD2	G	0.400	4.50	0.75	3.38	1		3.38	0.303	34	10.30	35
DD1	B	0.350	3.00	5.30	15.90	1		15.90	0.270	34	9.18	146
DD1	B	0.350	2.85	4.55	12.97	1		12.97	0.270	34	9.18	119
DD2	B	0.400	2.85	0.50	1.42	1		1.43	0.303	34	10.30	15
DD1	B	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21
DD2	B	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4
DD1	D	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21
DD2	D	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4
DD1	K	0.350	0.85	4.55	3.87	1		3.87	0.270	34	9.18	36
DD2	K	0.400	0.85	0.75	0.64	1		0.64	0.303	34	10.30	7
TE		0.430	3.75	1.00	3.75	1		3.75	0.214	34	7.28	27
DO		0.270	3.75	1.00	3.75	1		3.75	0.434	34	14.76	55

984 7 5 5 1.17 1,151

Qfuga = (axl) x R x H x (ti-td) x Ze
6.45 x 0.9 x 0.83 x 34 x 1

164

1,315

121

HOL

20 °C

DD1	B	0.350	2.10	4.55	9.55	1		9.56	0.270	32	8.64	83
DD2	B	0.400	2.10	0.75	1.57	1		1.58	0.303	32	9.70	15
DD1	G	0.350	1.05	4.55	4.78	1		4.78	0.270	32	8.64	41
DD2	G	0.400	1.05	0.75	0.79	1		0.79	0.303	32	9.70	8

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 23
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to °C	dt	Kxdt	Q Kısmi	ZD (%)	Z W	ZH (%)	Z	Toplam Q Watt
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147 7 5 -5 1.07 157

157

122

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44

224 7 5 0 1.12 251

251

123

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360
DD1	G	0.350	3.95	4.55	17.97	1	5.88	12.09	0.270	34	9.18	111
DD2	G	0.400	3.95	0.75	2.96	1		2.96	0.303	34	10.30	30
DD1	B	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21
DD2	B	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4
DD1	D	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21
DD2	D	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4
TE		0.430	3.06	1.00	3.06	1		3.06	0.214	34	7.28	22
DO		0.270	3.06	1.00	3.06	1		3.06	0.434	34	14.76	45

618 7 5 0 1.12 692

$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$
 $6.45 \times 0.9 \times 0.83 \times 34 \times 1$

164

856

124

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44

224 7 5 0 1.12 251

251

126

ODA

22 °C

P12A	G		1.05	2.80	2.94	1		2.94	1.800	34	61.20	180
DD1	G	0.350	3.75	4.55	17.06	1	2.94	14.12	0.270	34	9.18	130
DD2	G	0.400	3.75	0.75	2.81	1		2.81	0.303	34	10.30	29
DD1	B	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21
DD2	B	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4
TE		0.430	2.72	1.00	2.72	1		2.72	0.214	34	7.28	20

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 24
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

DO		1.270	2.72	1.00	2.72	1		2.72	0.434	34	14.76	40	424	7	5	-5	1.07	454
Qfuga = (axl) x R x H x (ti-td) x Ze																		84
3.3 x 0.9 x 0.83 x 34 x 1																		538

128

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	1.68	2.000	4	8.00	13					
İd1	K	1.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	1.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

129

ODA

22 °C

P12A	G		1.05	2.80	2.94	1		2.94	1.800	34	61.20	180						
DD1	G	1.350	3.05	4.55	13.88	1	2.94	10.94	0.270	34	9.18	100						
DD2	G	1.400	3.05	0.75	2.29	1		2.29	0.303	34	10.30	24						
DD1	D	1.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	D	1.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						
TE		1.430	2.31	1.00	2.31	1		2.31	0.214	34	7.28	17						
DO		1.270	2.31	1.00	2.31	1		2.31	0.434	34	14.76	34						
													380	7	5	-5	1.07	407
Qfuga = (axl) x R x H x (ti-td) x Ze																		84
3.3 x 0.9 x 0.83 x 34 x 1																		491

130

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	1.68	2.000	4	8.00	13					
İd1	K	1.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	1.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

132

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360						
DD1	G	1.350	3.40	4.55	15.47	1	5.88	9.59	0.270	34	9.18	88						
DD2	G	1.400	3.40	0.75	2.55	1		2.55	0.303	34	10.30	26						
DD1	D	1.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	D	1.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						
DD1	B	1.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 25
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

DD2	B	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						
TE		0.430	3.10	1.00	3.10	1		3.10	0.214	34	7.28	23						
DO		0.270	3.10	1.00	3.10	1		3.10	0.434	34	14.76	46						
													593	7	5	0	1.12	664
																		164
																		828

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$6.45 \times 0.9 \times 0.83 \times 34 \times 1$$

134

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

135

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360						
DD1	G	0.350	3.80	4.55	17.29	1	5.88	11.41	0.270	34	9.18	105						
DD2	G	0.400	3.80	0.75	2.85	1		2.85	0.303	34	10.30	29						
DD1	B	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	B	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						
TE		0.430	3.44	1.00	3.44	1		3.44	0.214	34	7.28	25						
DO		0.270	3.44	1.00	3.44	1		3.44	0.434	34	14.76	51						
													595	7	5	-5	1.07	637
																		164
																		801

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$6.45 \times 0.9 \times 0.83 \times 34 \times 1$$

136

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

138

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360						
DD1	G	0.350	3.30	4.55	15.02	1	5.88	9.14	0.270	34	9.18	84						
DD2	G	0.400	3.30	0.75	2.47	1		2.48	0.303	34	10.30	26						
TE		0.430	3.30	0.55	1.82	1		1.82	0.214	34	7.28	13						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİRMİSAFİR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 26
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxd	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

DO		1.270	3.30	0.55	1.82	1		1.82	0.434	34	14.76	27	510	7	5	-5	1.07	546
Qfuga = (axl) x R x H x (ti-td) x Ze																		164
6.45 x 0.9 x 0.83 x 34 x 1																		710

140

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	1.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	1.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
İd1	K	1.240	2.15	5.30	11.40	1		11.40	1.230	4	4.92	56						
													280	7	5	0	1.12	314
																		314

141

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360						
DD1	G	1.350	3.45	4.55	15.70	1	5.88	9.82	0.270	34	9.18	90						
DD2	G	1.400	3.45	0.75	2.59	1		2.59	0.303	34	10.30	27						
DD1	D	1.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	D	1.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						
TE		1.430	3.05	1.00	3.05	1		3.05	0.214	34	7.28	22						
DO		1.270	3.05	1.00	3.05	1		3.05	0.434	34	14.76	45	569	7	5	-5	1.07	609
Qfuga = (axl) x R x H x (ti-td) x Ze																		164
6.45 x 0.9 x 0.83 x 34 x 1																		773

143

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	1.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	1.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

144

ODA

22 °C

P12	G		2.10	2.80	5.88	1		5.88	1.800	34	61.20	360						
DD1	G	1.350	3.45	4.55	15.70	1	5.88	9.82	0.270	34	9.18	90						
DD2	G	1.400	3.45	0.75	2.59	1		2.59	0.303	34	10.30	27						
DD1	B	1.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	B	1.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 27
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxd	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

TE		0.430	3.05	1.00	3.05	1		3.05	0.214	34	7.28	22						
DO		0.270	3.05	1.00	3.05	1		3.05	0.434	34	14.76	45						
													569	7	5	-5	1.07	609
Qfuga = (axl) x R x H x (ti-td) x Ze																		164
6.45 x 0.9 x 0.83 x 34 x 1																		773

145

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

147

ODA

22 °C

P12A	G		1.05	2.80	2.94	1		2.94	1.800	34	61.20	180						
DD1	G	0.350	3.45	4.55	15.70	1	2.94	12.76	0.270	34	9.18	117						
DD2	G	0.400	3.45	0.75	2.59	1		2.59	0.303	34	10.30	27						
DD1	B	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	B	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						
TE		0.430	3.05	1.00	3.05	1		3.05	0.214	34	7.28	22						
DO		0.270	3.05	1.00	3.05	1		3.05	0.434	34	14.76	45						
													416	7	5	-5	1.07	445
Qfuga = (axl) x R x H x (ti-td) x Ze																		84
3.3 x 0.9 x 0.83 x 34 x 1																		529

149

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

150

ODA

22 °C

P12A	G		1.05	2.80	2.94	1		2.94	1.800	34	61.20	180						
DD1	G	0.350	3.45	4.55	15.70	1	2.94	12.76	0.270	34	9.18	117						
DD2	G	0.400	3.45	0.75	2.59	1		2.59	0.303	34	10.30	27						
DD1	D	0.350	0.50	4.55	2.28	1		2.28	0.270	34	9.18	21						
DD2	D	0.400	0.50	0.75	0.38	1		0.38	0.303	34	10.30	4						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHIRMISAFIR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 28
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

DD2	D	0.400	5.20	5.30	27.56	1		27.56	0.303	34	10.30	284						
TE		0.430	3.05	1.00	3.05	1		3.05	0.214	34	7.28	22						
DO		0.270	3.05	1.00	3.05	1		3.05	0.434	34	14.76	45						
													700	7	5	-5	1.07	749
																		84
																		833

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$3.3 \times 0.9 \times 0.83 \times 34 \times 1$$

151

WC/BANYO

24 °C

İk1	K		0.80	2.10	1.68	1		1.68	2.000	4	8.00	13						
İd1	K	0.240	2.15	5.30	11.40	1	1.68	9.72	1.230	14	17.22	167						
İd1	K	0.240	1.70	5.30	9.01	1		9.01	1.230	4	4.92	44						
													224	7	5	0	1.12	251
																		251

152

HOL

20 °C

DD1	D	0.350	2.20	4.55	10.01	1		10.01	0.270	32	8.64	86						
DD2	D	0.400	2.20	0.75	1.65	1		1.65	0.303	32	9.70	16						
DD1	G	0.350	1.05	4.55	4.78	1		4.78	0.270	32	8.64	41						
DD2	G	0.400	1.05	0.75	0.79	1		0.79	0.303	32	9.70	8						
													151	7	5	-5	1.07	162
																		162

154

HOL

20 °C

DD1	D	0.350	2.20	4.55	10.01	1		10.01	0.270	32	8.64	86						
DD2	D	0.400	2.20	0.75	1.65	1		1.65	0.303	32	9.70	16						
DD1	K	0.350	0.20	4.55	0.91	1		0.91	0.270	32	8.64	8						
DD2	K	0.400	0.20	0.75	0.15	1		0.15	0.303	32	9.70	1						
													111	7	5	5	1.17	130
																		130

153

ODA

22 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	34	61.20	188						
DD1	K	0.350	4.50	3.70	16.65	1	3.08	13.57	0.270	34	9.18	125						
DD2	K	0.400	4.50	0.50	2.25	1		2.25	0.303	34	10.30	23						
P13	D		1.65	2.40	3.96	1		3.96	1.800	34	61.20	242						
DD1	D	0.350	5.70	3.70	21.09	1	3.96	17.13	0.270	34	9.18	157						
DD2	D	0.400	5.70	0.50	2.85	1		2.85	0.303	34	10.30	29						

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 30
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yö n	Gen. W(m)	Uzn. L(m)	Yük. H(m)	Alan A(m2)	Adet	Çıkan A(m2)	Net Alan	K Watt/m2K	tr-to dt °C	Kxdt	Q Kısmi	ZD (% W	Z W	ZH (% W	Z W	Toplam Q Watt
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161

WC/BANYO

24 °C

TE		0.430	0.00	0.00	0.00	1		4.06	0.214	36	7.70	31					
İd1	K	0.240	2.40	4.20	10.08	1		10.08	1.230	4	4.92	50					
İd1	K	0.240	1.70	4.20	7.14	1		7.14	1.230	4	4.92	35					
												116	7	0	0	1.07	124
																	124

162

KAT OFİSİ

20 °C

P17	K		2.20	1.40	3.08	1		3.08	1.800	32	57.60	177					
DD1	K	0.350	3.15	3.70	11.66	1	3.08	8.58	0.270	32	8.64	74					
DD2	K	0.400	3.15	0.50	1.58	1		1.58	0.303	32	9.70	15					
TE		0.430	0.00	0.00	0.00	1		12.11	0.214	32	6.85	83					
												349	7	0	5	1.12	391
																	391

Z01

GİRİŞ HOLÜ

20 °C

CK2	G		3.50	2.80	9.80	1		9.80	1.800	32	57.60	564					
DD1	G	0.350	3.25	3.30	10.72	1	9.80	0.92	0.270	32	8.64	8					
DD2	G	0.400	3.25	0.90	2.92	1		2.93	0.303	32	9.70	28					
Tdö1		0.185	0.00	0.00	0.00	1		15.76	3.827	14	53.58	844					
												1,444	7	0	-5	1.02	1,473
																	362
																	1,835

Qfuga = (axl) x R x H x (ti-td) x Ze
15.15 x 0.9 x 0.83 x 32 x 1

Z02

RESEPSİYON

20 °C

P1	G		2.10	2.70	5.67	1		5.67	1.800	32	57.60	327					
DD1	G	0.350	2.55	3.30	8.41	1	5.67	2.75	0.270	32	8.64	24					
DD2	G	0.400	2.55	0.90	2.29	1		2.30	0.303	32	9.70	22					
Tdö1		0.185	0.00	0.00	0.00	1		15.59	3.827	14	53.58	835					
												1,208	7	0	-5	1.02	1,232
																	147
																	1,379

Qfuga = (axl) x R x H x (ti-td) x Ze
6.15 x 0.9 x 0.83 x 32 x 1

Z03

TOPLANTI SALONU

20 °C

P1	G		2.10	2.70	5.67	1		5.67	1.800	32	57.60	327					
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ISI KAYBI ÇİZELGESİ

Proje no : K_ESKISEHIRMISAFIR
Proje adı : TURASAS ESKISEHIR MISAFIRHANE
Konu :

Sayfa no : 31
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı
ESKİŞEHİR

Dış hava sıcaklığı (°C)
-12 °C

Rüzgar durumu
Normal

İşletme durumu
1. işletme

HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxd	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt
DD1	G	3.50	4.55	3.30	15.02	1	5.67	9.35	0.270	32	8.64	81						
DD2	G	4.00	4.55	0.90	4.10	1		4.10	0.303	32	9.70	40						
Tdö1		1.85	0.00	0.00	0.00	1		28.76	3.827	14	53.58	1,541						

1,989 7 0 -5 1.02 2,029

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$6.15 \times 0.9 \times 0.83 \times 32 \times 1$$

147
2,176

Z04

EĞİTİM SALONU

20 °C

P1	G	2.10	2.70	5.67	1		5.67	1.800	32	57.60	327							
DD1	G	3.50	6.80	3.30	22.44	1	5.67	16.77	0.270	32	8.64	145						
DD2	G	4.00	6.80	0.90	6.12	1		6.12	0.303	32	9.70	59						
Tdö1		1.85	0.00	0.00	0.00	1		43.02	3.827	14	53.58	2,305						

2,836 7 0 -5 1.02 2,893

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$6.15 \times 0.9 \times 0.83 \times 32 \times 1$$

147
3,040

Z05

YEMEK SALONU

20 °C

P1	G	2.10	2.70	5.67	2		11.34	1.800	32	57.60	653							
DD1	G	3.50	6.85	3.30	22.60	1	11.34	11.27	0.270	32	8.64	97						
DD2	G	4.00	6.85	0.90	6.16	1		6.17	0.303	32	9.70	60						
P1	B	2.10	2.70	5.67	2		11.34	1.800	32	57.60	653							
CK1	B	1.50	2.10	3.15	1			3.15	1.800	32	57.60	181						
DD1	B	3.50	13.30	3.30	43.89	1	14.49	29.40	0.270	32	8.64	254						
DD2	B	4.00	13.30	0.90	11.97	1		11.97	0.303	32	9.70	116						
Tdö1		1.85	0.00	0.00	0.00	1		93.63	3.827	14	53.58	5,017						

7,031 7 0 -5 1.02 7,172

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$38.55 \times 0.9 \times 0.83 \times 32 \times 1.2$$

1,106
8,278

Z06

MUTFAK

18 °C

P11	K	7.00	1.50	10.50	1		10.50	1.800	30	54.00	567							
DD1	K	3.50	9.40	3.30	31.02	1	10.50	20.52	0.270	30	8.10	166						
DD2	K	4.00	9.40	0.90	8.46	1		8.46	0.303	30	9.09	77						
DD1	B	3.50	6.00	3.30	19.80	1		19.80	0.270	30	8.10	160						
DD2	B	4.00	6.00	0.90	5.40	1		5.40	0.303	30	9.09	49						
Tdö1		1.85	0.00	0.00	0.00	1		56.13	3.827	12	45.92	2,577						

3,596 7 0 5 1.12 4,028

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$30 \times 0.9 \times 0.83 \times 30 \times 1$$

672
4,700

Z07

ENGELLİ WC

18 °C

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHIRMISAFIR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 34
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$4.5 \times 0.9 \times 0.83 \times 32 \times 1$$

958 7 0 5 1.12 1,073
108
1,181

Z19

HOL

20 °C

Tdö1 1.185 0.00 0.00 0.00 1 41.58 3.827 14 53.58 2,228

2,228 7 0 0 1.07 2,384
2,384

Z22

MÜDÜR ODASI

20 °C

P8 K 3.00 2.50 7.50 1 7.50 7.50 1.800 32 57.60 432
DD1 K 1.350 3.55 3.30 11.71 1 4.22 0.270 32 8.64 36
DD2 K 1.400 3.55 0.90 3.19 1 3.20 0.303 32 9.70 31
Tdö1 1.185 0.00 0.00 0.00 1 13.65 3.827 14 53.58 731

1,230 7 0 5 1.12 1,378
273
1,651

Z23

FUAYE

20 °C

P7 K 1.80 2.50 4.50 1 4.50 1.800 32 57.60 259
CK6 K 1.20 3.30 3.96 1 3.96 1.800 32 57.60 228
DD1 K 1.350 3.25 3.30 10.72 1 2.27 0.270 32 8.64 20
DD2 K 1.400 3.25 0.90 2.92 1 2.93 0.303 32 9.70 28
Tdö1 1.185 0.00 0.00 0.00 1 18.71 3.827 14 53.58 1,002

1,537 7 0 5 1.12 1,721
437
2,158

Z24

KONFERANS SALONU

20 °C

P6 K 7.00 1.20 8.40 1 8.40 1.800 32 57.60 484
DD1 K 1.350 7.00 3.40 23.80 1 8.40 15.40 0.270 32 8.64 133
DD2 K 1.400 7.00 0.80 5.60 1 5.60 0.303 32 9.70 54
Tdö1 1.185 0.00 0.00 0.00 1 135.48 3.827 14 53.58 7,259
P2 D 4.20 1.45 6.09 1 6.09 1.800 32 57.60 351
P3 D 4.00 1.45 5.80 1 5.80 1.800 32 57.60 334
P4 D 1.65 1.45 2.39 1 2.39 1.800 32 57.60 138
P5 D 3.65 1.45 5.29 1 5.29 1.800 32 57.60 305
DD1 D 1.350 14.70 3.40 49.98 1 19.57 30.41 0.270 32 8.64 263
DD2 D 1.400 14.70 0.80 11.76 1 11.76 0.303 32 9.70 114
DD2 D 1.400 3.95 4.20 16.59 1 16.59 0.303 32 9.70 161

ISI KAYBI ÇİZELGESİ

Proje no : K_ESKİSEHİRMİSAFİR
Proje adı : TURASAS ESKİSEHIR MISAFIRHANE
Konu :

Sayfa no : 35
Revizyon : 0
Tarih : Çarşamba, 3 Aralık, 2025
Hesaplayan :
Kontrol :

DİZAYN BİLGİLERİ

Şehir adı ESKİŞEHİR	Dış hava sıcaklığı (°C) -12 °C	Rüzgar durumu Normal	İşletme durumu 1. işletme
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HESAP DEĞERLERİ

İşr.	Yön	Gen.	Uzn.	Yük.	Alan	Adet	Çıkan	Net	K	tr-to	dt	Kxdt	Q	ZD	Z	ZH	Z	Toplam Q
	n	W(m)	L(m)	H(m)	A(m2)		A(m2)	Alan	Watt/m2K	°C			Kısmi	(%)	W	(%)		Watt

DD1	G	0.350	7.00	3.40	23.80	1		23.80	0.270	32	8.64	206						
DD2	G	0.400	7.00	0.80	5.60	1		5.60	0.303	32	9.70	54						
													9,856	7	0	5	1.12	11,039
																		1,274
																		12,313

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$44.4 \times 0.9 \times 0.83 \times 32 \times 1.2$$

Z25

MİSAFİR BEKLEME ODASI

20 °C

P1	G	2.10	2.70	5.67	2		11.34	1.800	32	57.60	653							
DD1	G	0.350	6.80	3.40	23.12	1	11.34	11.78	0.270	32	8.64	102						
DD2	G	0.400	6.80	0.80	5.44	1		5.44	0.303	32	9.70	53						
Tdö1		0.185	0.00	0.00	0.00	1		63.80	3.827	14	53.58	3,418						
													4,226	7	0	-5	1.02	4,311
																		294
																		4,605

$$Q_{fuga} = (axl) \times R \times H \times (ti - td) \times Ze$$
$$12.3 \times 0.9 \times 0.83 \times 32 \times 1$$

RADYATÖR SEÇİMLERİ

Mahal No	Mahal Adı	Yaz	Duyulur Isı Kazancı	Gizli Isı Kazancı	Toplam Isı Kazancı	Mini VRF	Soğutma Kapasitesi	Adet	Toplam Soğutma Kapasitesi
		°C	W	W	W		Watt		W
301	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
304	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
307	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
310	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
313	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
316	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
319	ODA	26	1785	120	1,905	Kaset Tipi 3.6 kW	3,600	1	3,600
322	KORIDOR	26	4809	601	5,410	Kaset Tipi 3.6 kW	3,600	3	10,800
323	ODA	26	2123	120	2,243	Kaset Tipi 3.6 kW	3,600	1	3,600
328	ODA	26	1115	120	1,235	Kaset Tipi 2.2 kW	2,200	1	2,200
329	ODA	26	1151	120	1,271	Kaset Tipi 2.2 kW	2,200	1	2,200
333	ODA	26	914	120	1,034	Kaset Tipi 2.2 kW	2,200	1	2,200
335	ODA	26	1819	120	1,939	Kaset Tipi 3.6 kW	3,600	1	3,600
336	ODA	26	1723	120	1,843	Kaset Tipi 3.6 kW	3,600	1	3,600
339	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
342	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
345	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
201	MESCİD	26	2296	791	3,087	Kaset Tipi 4.5 kW	4,500	1	4,500
202	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
205	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
208	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
211	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
214	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
217	ODA	26	1820	120	1,940	Kaset Tipi 3.6 kW	3,600	1	3,600
220	KORIDOR	26	5230	902	6,132	Kaset Tipi 3.6 kW	3,600	3	10,800
221	ODA	26	2107	120	2,227	Kaset Tipi 3.6 kW	3,600	1	3,600
225	ODA	26	1075	120	1,195	Kaset Tipi 2.2 kW	2,200	1	2,200
226	ODA	26	1096	120	1,216	Kaset Tipi 2.2 kW	2,200	1	2,200
228	ODA	26	887	120	1,007	Kaset Tipi 2.2 kW	2,200	1	2,200
231	ODA	26	1798	120	1,918	Kaset Tipi 3.6 kW	3,600	1	3,600
232	ODA	26	1764	120	1,884	Kaset Tipi 3.6 kW	3,600	1	3,600
235	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600

238	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
241	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
101	KORİDOR	26	7149	1202	8,351	Kaset Tipi 3.6 kW	3,600	4	14,400
103	ODA	26	1150	120	1,270	Kaset Tipi 2.2 kW	2,200	1	2,200
105	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
108	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
111	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
114	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
117	ODA	26	1242	120	1,362	Kaset Tipi 2.2 kW	2,200	1	2,200
120	ODA	26	1999	120	2,119	Kaset Tipi 3.6 kW	3,600	1	3,600
123	ODA	26	2405	120	2,525	Kaset Tipi 3.6 kW	3,600	1	3,600
126	ODA	26	1419	120	1,539	Kaset Tipi 2.8 kW	2,800	1	2,800
129	ODA	26	1376	120	1,496	Kaset Tipi 2.8 kW	2,800	1	2,800
132	ODA	26	2038	120	2,158	Kaset Tipi 3.6 kW	3,600	1	3,600
135	ODA	26	2053	120	2,173	Kaset Tipi 3.6 kW	3,600	1	3,600
138	ODA	26	2035	120	2,155	Kaset Tipi 2.8 kW	2,800	1	2,800
141	ODA	26	2043	120	2,163	Kaset Tipi 3.6 kW	3,600	1	3,600
144	ODA	26	2042	120	2,162	Kaset Tipi 3.6 kW	3,600	1	3,600
147	ODA	26	1402	120	1,522	Kaset Tipi 2.8 kW	2,800	1	2,800
150	ODA	26	1355	120	1,475	Kaset Tipi 2.8 kW	2,800	1	2,800
153	ODA	26	1631	120	1,751	Kaset Tipi 2.8 kW	2,800	1	2,800
156	ODA	26	1096	120	1,216	Kaset Tipi 2.2 kW	2,200	1	2,200
160	ODA	26	1344	120	1,464	Kaset Tipi 2.8 kW	2,800	1	2,800
162	KAT OFİSİ	26	979	120	1,099	Kaset Tipi 2.2 kW	2,200	1	2,200
Z02	RESEPSİYON	26	2492	180	2,672	Kaset Tipi 4.5 kW	4,500	1	4,500
Z03	TOPLANTI SALONU	26	3287	902	4,189	Kaset Tipi 3.6 kW	3,600	2	7,200
Z04	EĞİTİM SALONU	26	4177	1202	5,379	Kaset Tipi 4.5 kW	4,500	2	9,000
Z05	YEMEK SALONU	26	15713	6010	21,723	Kaset Tipi 5.6 kW	5,600	6	33,600
Z06	MUTFAK	26	11909	2333	14,242	Kaset Tipi 5.6 kW	5,600	4	22,400
Z09	KORİDOR	26	1313	301	1,614	Kaset Tipi 2.8 kW	2,800	1	2,800
Z10	KORİDOR	26	2317	601	2,918	Kaset Tipi 2.2 kW	2,200	2	4,400
Z12	BAY MESCİT	26	1201	633	1,834	Kaset Tipi 2.8 kW	2,800	1	2,800
Z13	BAYAN MESCİT	26	859	316	1,175	Kaset Tipi 2.2 kW	2,200	1	2,200

Z18	REZERV OFİS	26	1601	240	1,841	Kaset Tipi 2.8 kW	2,800	1	2,800
Z19	HOL	26	1396	301	1,697	Kaset Tipi 2.8 kW	2,800	1	2,800
Z23	FUAYE	26	2761	1187	3,948	Kaset Tipi 4.5 kW	4,500	1	4,500
Z24	KONFERANS SALON	26	11789	3606	15,395	Kaset Tipi 5.6 kW	5,600	4	22,400
Z25	MİSAFİR BEKLEME O	26	6903	3560	10,463	Kaset Tipi 4.5 kW	4,500	3	13,500

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Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.1.A. Component Loads For Space "301 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400 COOLING OA DB / WB 20.9 °C / 17.8 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m ²	1097	-	5 m ²	-	-
Wall Transmission	5 m ²	-9	-	5 m ²	49	-
Roof Transmission	15 m ²	-36	-	15 m ²	120	-
Window Transmission	5 m ²	-51	-	5 m ²	296	-
Skylight Transmission	0 m ²	0	-	0 m ²	0	-
Door Loads	0 m ²	0	-	0 m ²	0	-
Floor Transmission	0 m ²	0	-	0 m ²	0	-
Partitions	0 m ²	0	-	0 m ²	0	-
Ceiling	0 m ²	0	-	0 m ²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.1.B. Envelope Loads For Space "301 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m ²)	(W/(m ² ·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.2.A. Component Loads For Space "304 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.2.B. Envelope Loads For Space "304 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.3.A. Component Loads For Space "307 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.3.B. Envelope Loads For Space "307 ODA" In Zone "Zone 1"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.4.A. Component Loads For Space "310 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.4.B. Envelope Loads For Space "310 ODA" In Zone "Zone 1"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.5.A. Component Loads For Space "313 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.5.B. Envelope Loads For Space "313 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.6.A. Component Loads For Space "316 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.6.B. Envelope Loads For Space "316 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.7.A. Component Loads For Space "319 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 25.6 °C / 20.9 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1009	-	5 m²	-	-
Wall Transmission	22 m²	-25	-	22 m²	211	-
Roof Transmission	20 m²	-19	-	20 m²	162	-
Window Transmission	5 m²	-10	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	347 W	272	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1785	120	-	669	0

TABLE 1.7.B. Envelope Loads For Space "319 ODA" In Zone "Zone 1"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	6	0.270	-	-3	-	59
WINDOW 1	3	1.800	0.550	-6	658	193
WINDOW 2	2	1.800	0.550	-3	351	103
S EXPOSURE						
WALL	2	0.303	-	-1	-	24
W EXPOSURE						
WALL	11	0.270	-	-18	-	104
W EXPOSURE						
WALL	2	0.303	-	-3	-	24
H EXPOSURE						
ROOF	20	0.234	-	-19	-	162

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.8.A. Component Loads For Space "322 KORIDOR" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 32.4 °C / 24.6 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	9 m²	786	-	9 m²	-	-
Wall Transmission	36 m²	36	-	36 m²	354	-
Roof Transmission	91 m²	135	-	91 m²	661	-
Window Transmission	9 m²	105	-	9 m²	527	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	3 m²	6	-	3 m²	21	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	1544 W	1299	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	2000 W	1862	-	0	0	-
People	10	580	601	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	4809	601	-	1563	0

TABLE 1.8.B. Envelope Loads For Space "322 KORIDOR" In Zone "Zone 1"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	4	0.270	-	3	-	35
WINDOW 1	4	1.800	0.550	54	222	270
N EXPOSURE						
WALL	18	0.303	-	17	-	189
W EXPOSURE						
WALL	1	0.303	-	2	-	9
W EXPOSURE						
WALL	3	0.270	-	3	-	23
WINDOW 1	2	1.800	0.550	26	379	129
E EXPOSURE						
WALL	3	0.270	-	5	-	23
WINDOW 1	2	1.800	0.550	26	185	129
E EXPOSURE						
WALL	1	0.303	-	2	-	9
N EXPOSURE						
WALL	1	0.303	-	1	-	12
N EXPOSURE						
WALL	6	0.270	-	4	-	54
H EXPOSURE						
ROOF	91	0.214	-	135	-	661

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.9.A. Component Loads For Space "323 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 32.4 °C / 24.6 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1099	-	6 m²	-	-
Wall Transmission	21 m²	21	-	21 m²	202	-
Roof Transmission	21 m²	48	-	21 m²	166	-
Window Transmission	6 m²	74	-	6 m²	373	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	355 W	299	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2123	120	-	740	0

TABLE 1.9.B. Envelope Loads For Space "323 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	12	0.270	-	9	-	110
N EXPOSURE						
WALL	2	0.303	-	2	-	25
W EXPOSURE						
WALL	5	0.270	-	6	-	44
WINDOW 1	4	1.800	0.550	54	796	270
WINDOW 2	2	1.800	0.550	20	303	103
W EXPOSURE						
WALL	2	0.303	-	4	-	23
H EXPOSURE						
ROOF	21	0.234	-	48	-	166

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.10.A. Component Loads For Space "328 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	102	-
Roof Transmission	20 m²	40	-	20 m²	157	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	337 W	283	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1115	120	-	447	0

TABLE 1.10.B. Envelope Loads For Space "328 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	9	0.270	-	3	-	78
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	24
H EXPOSURE						
ROOF	20	0.234	-	40	-	157

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.11.A. Component Loads For Space "329 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	13 m²	5	-	13 m²	118	-
Roof Transmission	22 m²	44	-	22 m²	175	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	374 W	315	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1151	120	-	481	0

TABLE 1.11.B. Envelope Loads For Space "329 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	10	0.270	-	4	-	91
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	3	0.303	-	1	-	27
H EXPOSURE						
ROOF	22	0.234	-	44	-	175

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.12.A. Component Loads For Space "333 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 29.0 °C / 23.0 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m²	91	-	2 m²	-	-
Wall Transmission	8 m²	4	-	8 m²	74	-
Roof Transmission	13 m²	27	-	13 m²	105	-
Window Transmission	2 m²	12	-	2 m²	103	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	224 W	192	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	469	-	0	0	-
People	2	119	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	914	120	-	281	0

TABLE 1.12.B. Envelope Loads For Space "333 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.270	-	3	-	57
WINDOW 1	2	1.800	0.550	12	91	103
N EXPOSURE						
WALL	2	0.303	-	1	-	17
H EXPOSURE						
ROOF	13	0.234	-	27	-	105

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.13.A. Component Loads For Space "335 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1000			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 25.1 °C / 22.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	9 m²	1053	-	9 m²	-	-
Wall Transmission	16 m²	15	-	16 m²	151	-
Roof Transmission	19 m²	21	-	19 m²	147	-
Window Transmission	9 m²	4	-	9 m²	561	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	315 W	211	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	429	-	0	0	-
People	2	86	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1819	120	-	860	0

TABLE 1.13.B. Envelope Loads For Space "335 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	5	0.270	-	3	-	48
WINDOW 1	3	1.800	0.550	1	118	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
E EXPOSURE						
WALL	7	0.270	-	8	-	63
WINDOW 1	4	1.800	0.550	2	677	270
WINDOW 2	2	1.800	0.550	1	258	103
E EXPOSURE						
WALL	2	0.303	-	3	-	23
H EXPOSURE						
ROOF	19	0.234	-	21	-	147

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.14.A. Component Loads For Space "336 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 25.6 °C / 20.9 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1009	-	5 m²	-	-
Wall Transmission	18 m²	-18	-	18 m²	186	-
Roof Transmission	15 m²	-14	-	15 m²	118	-
Window Transmission	5 m²	-10	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	252 W	197	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1723	120	-	599	0

TABLE 1.14.B. Envelope Loads For Space "336 ODA" In Zone "Zone 1"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-2	-	30
WINDOW 1	3	1.800	0.550	-6	658	193
WINDOW 2	2	1.800	0.550	-3	351	103
S EXPOSURE						
WALL	2	0.303	-	0	-	17
E EXPOSURE						
WALL	14	0.303	-	-16	-	139
H EXPOSURE						
ROOF	15	0.234	-	-14	-	118

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.15.A. Component Loads For Space "339 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.15.B. Envelope Loads For Space "339 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.16.A. Component Loads For Space "342 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400 COOLING OA DB / WB 20.9 °C / 17.8 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.16.B. Envelope Loads For Space "342 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.17.A. Component Loads For Space "345 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	15 m²	-36	-	15 m²	120	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1760	120	-	465	0

TABLE 1.17.B. Envelope Loads For Space "345 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18
H EXPOSURE						
ROOF	15	0.234	-	-36	-	120

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.18.A. Component Loads For Space "201 MESCID" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	257 W	201	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	10	605	791	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2296	791	-	345	0

TABLE 1.18.B. Envelope Loads For Space "201 MESCID" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.19.A. Component Loads For Space "202 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.19.B. Envelope Loads For Space "202 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.20.A. Component Loads For Space "205 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.20.B. Envelope Loads For Space "205 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.21.A. Component Loads For Space "208 ODA" In Zone "Zone 1"

DESIGN COOLING			DESIGN HEATING			
COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG			
COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C			
OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C			
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.21.B. Envelope Loads For Space "208 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.22.A. Component Loads For Space "211 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.22.B. Envelope Loads For Space "211 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.23.A. Component Loads For Space "214 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.23.B. Envelope Loads For Space "214 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.24.A. Component Loads For Space "217 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	22 m²	-57	-	22 m²	211	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	347 W	272	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1820	120	-	507	0

TABLE 1.24.B. Envelope Loads For Space "217 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	6	0.270	-	-12	-	59
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-4	-	24
W EXPOSURE						
WALL	2	0.303	-	-7	-	24
W EXPOSURE						
WALL	11	0.270	-	-35	-	104

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.25.A. Component Loads For Space "220 KORIDOR" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700 COOLING OA DB / WB 30.7 °C / 23.5 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	11 m²	962	-	11 m²	-	-
Wall Transmission	34 m²	21	-	34 m²	333	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	11 m²	101	-	11 m²	672	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	3 m²	5	-	3 m²	21	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	1675 W	1410	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	2000 W	1862	-	0	0	-
People	15	869	902	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	5230	902	-	1025	0

TABLE 1.25.B. Envelope Loads For Space "220 KORIDOR" In Zone "Zone 1"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	1	0.270	-	1	-	13
WINDOW 1	4	1.800	0.550	40	254	269
WINDOW 2	2	1.800	0.550	22	137	145
N EXPOSURE						
WALL	18	0.303	-	9	-	189
W EXPOSURE						
WALL	1	0.303	-	1	-	9
W EXPOSURE						
WALL	3	0.270	-	2	-	23
WINDOW 1	2	1.800	0.550	19	384	129
E EXPOSURE						
WALL	3	0.270	-	4	-	23
WINDOW 1	2	1.800	0.550	19	188	129
E EXPOSURE						
WALL	1	0.303	-	1	-	9
N EXPOSURE						
WALL	1	0.303	-	1	-	12
N EXPOSURE						
WALL	6	0.270	-	2	-	54

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.26.A. Component Loads For Space "221 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 32.4 °C / 24.6 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1099	-	6 m²	-	-
Wall Transmission	21 m²	21	-	21 m²	196	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	6 m²	74	-	6 m²	373	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	394 W	332	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2107	120	-	569	0

TABLE 1.26.B. Envelope Loads For Space "221 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	12	0.270	-	8	-	105
N EXPOSURE						
WALL	2	0.303	-	2	-	24
W EXPOSURE						
WALL	5	0.270	-	6	-	44
WINDOW 1	4	1.800	0.550	54	796	270
WINDOW 2	2	1.800	0.550	20	303	103
W EXPOSURE						
WALL	2	0.303	-	4	-	23

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.27.A. Component Loads For Space "225 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	102	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	337 W	283	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1075	120	-	290	0

TABLE 1.27.B. Envelope Loads For Space "225 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	9	0.270	-	3	-	78
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	24

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.28.A. Component Loads For Space "226 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	12 m²	5	-	12 m²	112	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	360 W	303	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1096	120	-	301	0

TABLE 1.28.B. Envelope Loads For Space "226 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	9	0.270	-	4	-	86
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	3	0.303	-	1	-	26

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.29.A. Component Loads For Space "228 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 29.0 °C / 23.0 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m²	91	-	2 m²	-	-
Wall Transmission	8 m²	4	-	8 m²	74	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	2 m²	12	-	2 m²	103	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	224 W	192	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	469	-	0	0	-
People	2	119	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	887	120	-	176	0

TABLE 1.29.B. Envelope Loads For Space "228 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.270	-	3	-	57
WINDOW 1	2	1.800	0.550	12	91	103
N EXPOSURE						
WALL	2	0.303	-	1	-	17

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.30.A. Component Loads For Space "231 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1000			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 25.1 °C / 22.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	9 m²	1053	-	9 m²	-	-
Wall Transmission	16 m²	15	-	16 m²	151	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	9 m²	4	-	9 m²	561	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	315 W	211	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	429	-	0	0	-
People	2	86	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1798	120	-	713	0

TABLE 1.30.B. Envelope Loads For Space "231 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	5	0.270	-	3	-	48
WINDOW 1	3	1.800	0.550	1	118	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
E EXPOSURE						
WALL	7	0.270	-	8	-	63
WINDOW 1	4	1.800	0.550	2	677	270
WINDOW 2	2	1.800	0.550	1	258	103
E EXPOSURE						
WALL	2	0.303	-	3	-	23

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.31.A. Component Loads For Space "232 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	18 m²	-47	-	18 m²	186	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	264 W	207	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1764	120	-	481	0

TABLE 1.31.B. Envelope Loads For Space "232 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	30
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	17
E EXPOSURE						
WALL	14	0.303	-	-38	-	139

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.32.A. Component Loads For Space "235 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.32.B. Envelope Loads For Space "235 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.33.A. Component Loads For Space "238 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.33.B. Envelope Loads For Space "238 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 1.34.A. Component Loads For Space "241 ODA" In Zone "Zone 1"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m²	1097	-	5 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	5 m²	-51	-	5 m²	296	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1804	120	-	345	0

TABLE 1.34.B. Envelope Loads For Space "241 ODA" In Zone "Zone 1"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-6	-	32
WINDOW 1	3	1.800	0.550	-33	715	193
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	2	0.303	-	-3	-	18

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.1.A. Component Loads For Space "101 KORIDOR" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1900			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 28.6 °C / 23.7 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
	OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m²	397	-	4 m²	-	-
Wall Transmission	39 m²	75	-	39 m²	364	-
Roof Transmission	17 m²	30	-	17 m²	126	-
Window Transmission	4 m²	33	-	4 m²	257	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	3 m²	4	-	3 m²	21	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	2944 W	2566	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	3000 W	2832	-	0	0	-
People	20	1211	1202	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	7149	1202	-	768	0

TABLE 2.1.B. Envelope Loads For Space "101 KORIDOR" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	3	0.303	-	6	-	32
W EXPOSURE						
WALL	17	0.270	-	30	-	152
WINDOW 1	2	1.800	0.550	17	252	129
E EXPOSURE						
WALL	20	0.270	-	39	-	180
WINDOW 1	2	1.800	0.550	17	145	129
H EXPOSURE						
ROOF	17	0.214	-	30	-	126

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.2.A. Component Loads For Space "103 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 32.4 °C / 24.6 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
	OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	155	-	3 m²	-	-
Wall Transmission	11 m²	8	-	11 m²	98	-
Roof Transmission	18 m²	27	-	18 m²	134	-
Window Transmission	3 m²	38	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	7 m²	77	-	7 m²	271	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	313 W	263	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1150	120	-	692	0

TABLE 2.2.B. Envelope Loads For Space "103 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	9	0.270	-	7	-	82
WINDOW 1	3	1.800	0.550	38	155	188
N EXPOSURE						
WALL	2	0.303	-	1	-	17
H EXPOSURE						
ROOF	18	0.214	-	27	-	134

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.3.A. Component Loads For Space "105 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	105	-
Roof Transmission	20 m²	25	-	20 m²	147	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	343 W	289	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1105	120	-	440	0

TABLE 2.3.B. Envelope Loads For Space "105 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	10	0.270	-	4	-	87
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
H EXPOSURE						
ROOF	20	0.214	-	25	-	147

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.4.A. Component Loads For Space "108 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	105	-
Roof Transmission	20 m²	25	-	20 m²	147	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	343 W	289	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1105	120	-	440	0

TABLE 2.4.B. Envelope Loads For Space "108 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	10	0.270	-	4	-	87
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
H EXPOSURE						
ROOF	20	0.214	-	25	-	147

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.5.A. Component Loads For Space "111 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	105	-
Roof Transmission	20 m²	25	-	20 m²	147	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	343 W	289	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1105	120	-	440	0

TABLE 2.5.B. Envelope Loads For Space "111 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	10	0.270	-	4	-	87
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
H EXPOSURE						
ROOF	20	0.214	-	25	-	147

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.6.A. Component Loads For Space "114 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	105	-
Roof Transmission	20 m²	25	-	20 m²	147	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	343 W	289	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1105	120	-	440	0

TABLE 2.6.B. Envelope Loads For Space "114 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	10	0.270	-	4	-	87
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
H EXPOSURE						
ROOF	20	0.214	-	25	-	147

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.7.A. Component Loads For Space "117 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1800			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 24.2 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	142	-	3 m²	-	-
Wall Transmission	40 m²	52	-	40 m²	374	-
Roof Transmission	27 m²	43	-	27 m²	193	-
Window Transmission	3 m²	32	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	451 W	386	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	469	-	0	0	-
People	2	119	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1242	120	-	755	0

TABLE 2.7.B. Envelope Loads For Space "117 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	14	0.270	-	12	-	125
WINDOW 1	3	1.800	0.550	32	142	188
N EXPOSURE						
WALL	2	0.303	-	2	-	24
W EXPOSURE						
WALL	21	0.270	-	33	-	195
W EXPOSURE						
WALL	3	0.303	-	5	-	30
H EXPOSURE						
ROOF	27	0.214	-	43	-	193

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.8.A. Component Loads For Space "120 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 25.6 °C / 20.9 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
	OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1228	-	6 m²	-	-
Wall Transmission	58 m²	-73	-	58 m²	540	-
Roof Transmission	4 m²	-5	-	4 m²	28	-
Window Transmission	6 m²	-12	-	6 m²	360	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	384 W	301	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1999	120	-	928	0

TABLE 2.8.B. Envelope Loads For Space "120 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	15	0.270	-	-8	-	134
WINDOW 1	6	1.800	0.550	-12	1228	360
S EXPOSURE						
WALL	3	0.303	-	-1	-	35
W EXPOSURE						
WALL	31	0.270	-	-49	-	286
W EXPOSURE						
WALL	2	0.303	-	-3	-	19
E EXPOSURE						
WALL	0	0.303	-	0	-	4
E EXPOSURE						
WALL	2	0.270	-	-3	-	21
N EXPOSURE						
WALL	4	0.270	-	-8	-	36
N EXPOSURE						
WALL	1	0.270	-	-1	-	5
H EXPOSURE						
ROOF	4	0.214	-	-5	-	28

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.9.A. Component Loads For Space "123 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	8 m²	1717	-	8 m²	-	-
Wall Transmission	19 m²	-39	-	19 m²	177	-
Roof Transmission	3 m²	-8	-	3 m²	23	-
Window Transmission	8 m²	-80	-	8 m²	463	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	326 W	256	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2405	120	-	662	0

TABLE 2.9.B. Envelope Loads For Space "123 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	10	0.270	-	-19	-	96
WINDOW 1	6	1.800	0.550	-62	1335	360
WINDOW 2	2	1.800	0.550	-18	382	103
S EXPOSURE						
WALL	3	0.303	-	-5	-	31
W EXPOSURE						
WALL	0	0.303	-	-1	-	4
W EXPOSURE						
WALL	2	0.270	-	-7	-	21
E EXPOSURE						
WALL	2	0.270	-	-6	-	21
E EXPOSURE						
WALL	0	0.270	-	-1	-	4
H EXPOSURE						
ROOF	3	0.214	-	-8	-	23

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.10.A. Component Loads For Space "126 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 25.6 °C / 20.9 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	614	-	3 m²	-	-
Wall Transmission	20 m²	-13	-	20 m²	184	-
Roof Transmission	3 m²	-3	-	3 m²	20	-
Window Transmission	3 m²	-6	-	3 m²	180	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	342 W	268	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1419	120	-	383	0

TABLE 2.10.B. Envelope Loads For Space "126 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	14	0.270	-	-8	-	130
WINDOW 1	3	1.800	0.550	-6	614	180
S EXPOSURE						
WALL	3	0.303	-	-1	-	29
W EXPOSURE						
WALL	0	0.303	-	-1	-	4
W EXPOSURE						
WALL	2	0.270	-	-4	-	21
H EXPOSURE						
ROOF	3	0.214	-	-3	-	20

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.11.A. Component Loads For Space "129 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	668	-	3 m²	-	-
Wall Transmission	16 m²	-31	-	16 m²	149	-
Roof Transmission	2 m²	-6	-	2 m²	17	-
Window Transmission	3 m²	-31	-	3 m²	180	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	277 W	217	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1376	120	-	346	0

TABLE 2.11.B. Envelope Loads For Space "129 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	11	0.270	-	-20	-	100
WINDOW 1	3	1.800	0.550	-31	668	180
S EXPOSURE						
WALL	2	0.303	-	-4	-	24
E EXPOSURE						
WALL	0	0.303	-	-1	-	4
E EXPOSURE						
WALL	2	0.270	-	-6	-	21
H EXPOSURE						
ROOF	2	0.214	-	-6	-	17

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.12.A. Component Loads For Space "132 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1335	-	6 m²	-	-
Wall Transmission	18 m²	-37	-	18 m²	165	-
Roof Transmission	3 m²	-8	-	3 m²	23	-
Window Transmission	6 m²	-62	-	6 m²	360	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	320 W	251	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2038	120	-	548	0

TABLE 2.12.B. Envelope Loads For Space "132 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	10	0.270	-	-17	-	88
WINDOW 1	6	1.800	0.550	-62	1335	360
S EXPOSURE						
WALL	3	0.303	-	-4	-	27
E EXPOSURE						
WALL	0	0.303	-	-1	-	4
E EXPOSURE						
WALL	2	0.270	-	-6	-	21
W EXPOSURE						
WALL	2	0.270	-	-7	-	21
W EXPOSURE						
WALL	0	0.303	-	-1	-	4
H EXPOSURE						
ROOF	3	0.214	-	-8	-	23

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.13.A. Component Loads For Space "135 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400 COOLING OA DB / WB 20.9 °C / 17.8 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1335	-	6 m²	-	-
Wall Transmission	17 m²	-34	-	17 m²	160	-
Roof Transmission	3 m²	-9	-	3 m²	25	-
Window Transmission	6 m²	-62	-	6 m²	360	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	335 W	263	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2053	120	-	545	0

TABLE 2.13.B. Envelope Loads For Space "135 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	11	0.270	-	-20	-	105
WINDOW 1	6	1.800	0.550	-62	1335	360
S EXPOSURE						
WALL	3	0.303	-	-5	-	30
W EXPOSURE						
WALL	2	0.270	-	-7	-	21
W EXPOSURE						
WALL	0	0.303	-	-1	-	4
H EXPOSURE						
ROOF	3	0.214	-	-9	-	25

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.14.A. Component Loads For Space "138 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400 COOLING OA DB / WB 20.9 °C / 17.8 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1335	-	6 m²	-	-
Wall Transmission	12 m²	-21	-	12 m²	109	-
Roof Transmission	2 m²	-4	-	2 m²	13	-
Window Transmission	6 m²	-62	-	6 m²	360	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	291 W	228	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2035	120	-	482	0

TABLE 2.14.B. Envelope Loads For Space "138 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	9	0.270	-	-16	-	84
WINDOW 1	6	1.800	0.550	-62	1335	360
S EXPOSURE						
WALL	3	0.303	-	-4	-	26
H EXPOSURE						
ROOF	2	0.214	-	-4	-	13

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.15.A. Component Loads For Space "141 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1335	-	6 m²	-	-
Wall Transmission	15 m²	-29	-	15 m²	142	-
Roof Transmission	3 m²	-8	-	3 m²	22	-
Window Transmission	6 m²	-62	-	6 m²	360	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	316 W	248	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2043	120	-	524	0

TABLE 2.15.B. Envelope Loads For Space "141 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	10	0.270	-	-18	-	90
WINDOW 1	6	1.800	0.550	-62	1335	360
S EXPOSURE						
WALL	3	0.303	-	-4	-	27
E EXPOSURE						
WALL	0	0.303	-	-1	-	4
E EXPOSURE						
WALL	2	0.270	-	-6	-	21
H EXPOSURE						
ROOF	3	0.214	-	-8	-	22

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.16.A. Component Loads For Space "144 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1335	-	6 m²	-	-
Wall Transmission	15 m²	-30	-	15 m²	142	-
Roof Transmission	3 m²	-8	-	3 m²	22	-
Window Transmission	6 m²	-62	-	6 m²	360	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	316 W	248	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2042	120	-	524	0

TABLE 2.16.B. Envelope Loads For Space "144 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	10	0.270	-	-18	-	90
WINDOW 1	6	1.800	0.550	-62	1335	360
S EXPOSURE						
WALL	3	0.303	-	-4	-	27
W EXPOSURE						
WALL	0	0.303	-	-1	-	4
W EXPOSURE						
WALL	2	0.270	-	-7	-	21
H EXPOSURE						
ROOF	3	0.214	-	-8	-	22

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.17.A. Component Loads For Space "147 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	668	-	3 m²	-	-
Wall Transmission	18 m²	-35	-	18 m²	169	-
Roof Transmission	3 m²	-8	-	3 m²	22	-
Window Transmission	3 m²	-31	-	3 m²	180	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	318 W	249	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1402	120	-	371	0

TABLE 2.17.B. Envelope Loads For Space "147 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	13	0.270	-	-23	-	117
WINDOW 1	3	1.800	0.550	-31	668	180
S EXPOSURE						
WALL	3	0.303	-	-4	-	27
W EXPOSURE						
WALL	0	0.303	-	-1	-	4
W EXPOSURE						
WALL	2	0.270	-	-7	-	21
H EXPOSURE						
ROOF	3	0.214	-	-8	-	22

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.18.A. Component Loads For Space "150 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 25.6 °C / 20.9 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	614	-	3 m²	-	-
Wall Transmission	46 m²	-43	-	46 m²	453	-
Roof Transmission	3 m²	-4	-	3 m²	22	-
Window Transmission	3 m²	-6	-	3 m²	180	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	299 W	235	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	2	106	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1355	120	-	655	0

TABLE 2.18.B. Envelope Loads For Space "150 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	13	0.270	-	-7	-	117
WINDOW 1	3	1.800	0.550	-6	614	180
S EXPOSURE						
WALL	3	0.303	-	-1	-	27
E EXPOSURE						
WALL	28	0.303	-	-33	-	288
E EXPOSURE						
WALL	2	0.270	-	-3	-	21
H EXPOSURE						
ROOF	3	0.214	-	-4	-	22

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.19.A. Component Loads For Space "153 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1500			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 34.0 °C / 25.0 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	7 m²	556	-	7 m²	-	-
Wall Transmission	36 m²	43	-	36 m²	336	-
Roof Transmission	25 m²	32	-	25 m²	180	-
Window Transmission	7 m²	94	-	7 m²	431	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	422 W	339	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	458	-	0	0	-
People	2	110	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1631	120	-	947	0

TABLE 2.19.B. Envelope Loads For Space "153 ODA" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	14	0.270	-	7	-	125
WINDOW 1	3	1.800	0.550	41	144	188
N EXPOSURE						
WALL	2	0.303	-	2	-	24
E EXPOSURE						
WALL	3	0.303	-	5	-	30
E EXPOSURE						
WALL	17	0.270	-	28	-	157
WINDOW 1	4	1.800	0.550	53	412	242
H EXPOSURE						
ROOF	25	0.214	-	32	-	180

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.20.A. Component Loads For Space "156 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700 COOLING OA DB / WB 30.7 °C / 23.5 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	11 m²	4	-	11 m²	105	-
Roof Transmission	20 m²	24	-	20 m²	142	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	333 W	281	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1096	120	-	436	0

TABLE 2.20.B. Envelope Loads For Space "156 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	10	0.270	-	4	-	87
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	18
H EXPOSURE						
ROOF	20	0.214	-	24	-	142

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.21.A. Component Loads For Space "160 ODA" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700 COOLING OA DB / WB 30.7 °C / 23.5 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	355	-	6 m²	-	-
Wall Transmission	23 m²	9	-	23 m²	217	-
Roof Transmission	22 m²	27	-	22 m²	160	-
Window Transmission	6 m²	57	-	6 m²	377	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	374 W	315	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1344	120	-	754	0

TABLE 2.21.B. Envelope Loads For Space "160 ODA" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	20	0.270	-	7	-	181
WINDOW 1	6	1.800	0.550	57	355	377
N EXPOSURE						
WALL	4	0.303	-	2	-	36
H EXPOSURE						
ROOF	22	0.214	-	27	-	160

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.22.A. Component Loads For Space "162 KAT OFISI" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700 COOLING OA DB / WB 30.7 °C / 23.5 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	178	-	3 m²	-	-
Wall Transmission	10 m²	4	-	10 m²	96	-
Roof Transmission	12 m²	15	-	12 m²	88	-
Window Transmission	3 m²	28	-	3 m²	188	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	206 W	173	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	466	-	0	0	-
People	2	116	120	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	979	120	-	372	0

TABLE 2.22.B. Envelope Loads For Space "162 KAT OFISI" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	9	0.270	-	3	-	79
WINDOW 1	3	1.800	0.550	28	178	188
N EXPOSURE						
WALL	2	0.303	-	1	-	17
H EXPOSURE						
ROOF	12	0.214	-	15	-	88

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.23.A. Component Loads For Space "Z01 GIRIS HOLU" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 25.6 °C / 20.9 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
	OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	10 m²	2047	-	10 m²	-	-
Wall Transmission	4 m²	-1	-	4 m²	38	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	10 m²	-19	-	10 m²	600	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	30 m²	-106	-	30 m²	386	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	269 W	211	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	453	-	0	0	-
People	5	264	301	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2848	301	-	1024	0

TABLE 2.23.B. Envelope Loads For Space "Z01 GIRIS HOLU" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	1	0.270	-	0	-	8
WINDOW 1	10	1.800	0.550	-19	2047	600
S EXPOSURE						
WALL	3	0.303	-	-1	-	30

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.24.A. Component Loads For Space "Z02 RESEPSIYON" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400 COOLING OA DB / WB 20.9 °C / 17.8 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1288	-	6 m²	-	-
Wall Transmission	5 m²	-9	-	5 m²	49	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	6 m²	-60	-	6 m²	347	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	265 W	208	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	906	-	0	0	-
People	3	159	180	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2492	180	-	396	0

TABLE 2.24.B. Envelope Loads For Space "Z02 RESEPSIYON" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	3	0.270	-	-5	-	25
WINDOW 1	6	1.800	0.550	-60	1288	347
S EXPOSURE						
WALL	2	0.303	-	-4	-	24

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.25.A. Component Loads For Space "Z03 TOPLANTI SALONU" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1288	-	6 m²	-	-
Wall Transmission	13 m²	-24	-	13 m²	128	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	6 m²	-60	-	6 m²	347	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	490 W	384	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	906	-	0	0	-
People	15	793	902	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	3287	902	-	475	0

TABLE 2.25.B. Envelope Loads For Space "Z03 TOPLANTI SALONU" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	9	0.270	-	-17	-	86
WINDOW 1	6	1.800	0.550	-60	1288	347
S EXPOSURE						
WALL	4	0.303	-	-7	-	42

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.26.A. Component Loads For Space "Z04 EGITIM SALONU" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m²	1288	-	6 m²	-	-
Wall Transmission	23 m²	-40	-	23 m²	216	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	6 m²	-60	-	6 m²	347	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	731 W	573	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1500 W	1359	-	0	0	-
People	20	1058	1202	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	4177	1202	-	563	0

TABLE 2.26.B. Envelope Loads For Space "Z04 EGITIM SALONU" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	17	0.270	-	-30	-	153
WINDOW 1	6	1.800	0.550	-60	1288	347
S EXPOSURE						
WALL	6	0.303	-	-10	-	63

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.27.A. Component Loads For Space "Z05 YEMEK SALONU" In Zone "Zone 2"

DESIGN COOLING				DESIGN HEATING		
COOLING DATA AT Sep 1600 COOLING OA DB / WB 31.0 °C / 23.5 °C OCCUPIED T-STAT 24.0 °C				HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	26 m²	3883	-	26 m²	-	-
Wall Transmission	59 m²	33	-	59 m²	561	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	26 m²	223	-	26 m²	1581	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	1591 W	1312	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	5000 W	4618	-	0	0	-
People	100	5645	6010	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	15713	6010	-	2141	0

TABLE 2.27.B. Envelope Loads For Space "Z05 YEMEK SALONU" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	11	0.270	-	12	-	103
WINDOW 1	11	1.800	0.550	98	1557	694
S EXPOSURE						
WALL	6	0.303	-	8	-	64
W EXPOSURE						
WALL	29	0.270	-	6	-	270
WINDOW 1	11	1.800	0.550	98	1820	694
WINDOW 2	3	1.800	0.550	27	506	193
W EXPOSURE						
WALL	12	0.303	-	6	-	124

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.28.A. Component Loads For Space "Z06 MUTFAK" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 29.0 °C / 23.0 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	11 m²	566	-	11 m²	-	-
Wall Transmission	54 m²	44	-	54 m²	503	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	11 m²	77	-	11 m²	643	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	954 W	818	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	5000 W	4690	-	0	0	-
People	10	715	1333	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	5000	1000	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	11909	2333	-	1146	0

TABLE 2.28.B. Envelope Loads For Space "Z06 MUTFAK" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	21	0.270	-	10	-	188
WINDOW 1	11	1.800	0.550	77	566	643
N EXPOSURE						
WALL	9	0.270	-	4	-	78
W EXPOSURE						
WALL	20	0.270	-	22	-	181
W EXPOSURE						
WALL	5	0.303	-	7	-	56

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.29.A. Component Loads For Space "Z09 KORIDOR" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1900 COOLING OA DB / WB 28.6 °C / 23.7 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m²	0	-	0 m²	-	-
Wall Transmission	0 m²	0	-	0 m²	0	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	0 m²	0	-	0 m²	0	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	3 m²	4	-	3 m²	21	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	612 W	533	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	472	-	0	0	-
People	5	303	301	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1313	301	-	21	0

TABLE 2.29.B. Envelope Loads For Space "Z09 KORIDOR" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.30.A. Component Loads For Space "Z10 KORIDOR" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 29.0 °C / 23.0 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m²	170	-	3 m²	-	-
Wall Transmission	5 m²	3	-	5 m²	50	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	3 m²	23	-	3 m²	193	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	3 m²	4	-	3 m²	21	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	683 W	586	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	938	-	0	0	-
People	10	593	601	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2317	601	-	264	0

TABLE 2.30.B. Envelope Loads For Space "Z10 KORIDOR" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	3	0.270	-	2	-	32
WINDOW 1	3	1.800	0.550	23	170	193
N EXPOSURE						
WALL	2	0.303	-	1	-	19

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.31.A. Component Loads For Space "Z12 BAY MESCIT" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jan 1900 COOLING OA DB / WB 6.7 °C / 6.4 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m²	0	-	0 m²	-	-
Wall Transmission	0 m²	0	-	0 m²	0	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	0 m²	0	-	0 m²	0	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	201 W	175	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	472	-	0	0	-
People	8	554	633	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1201	633	-	0	0

TABLE 2.31.B. Envelope Loads For Space "Z12 BAY MESCIT" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.32.A. Component Loads For Space "Z13 BAYAN MESCIT" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jan 1900 COOLING OA DB / WB 6.7 °C / 6.4 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m²	0	-	0 m²	-	-
Wall Transmission	0 m²	0	-	0 m²	0	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	0 m²	0	-	0 m²	0	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	126 W	110	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	472	-	0	0	-
People	4	277	316	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	859	316	-	0	0

TABLE 2.32.B. Envelope Loads For Space "Z13 BAYAN MESCIT" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.33.A. Component Loads For Space "Z18 REZERV OFIS" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700 COOLING OA DB / WB 30.7 °C / 23.5 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m²	225	-	4 m²	-	-
Wall Transmission	9 m²	4	-	9 m²	88	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	4 m²	36	-	4 m²	239	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	206 W	173	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	931	-	0	0	-
People	4	232	240	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1601	240	-	327	0

TABLE 2.33.B. Envelope Loads For Space "Z18 REZERV OFIS" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.270	-	2	-	60
WINDOW 1	4	1.800	0.550	36	225	239
N EXPOSURE						
WALL	3	0.303	-	1	-	29

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.34.A. Component Loads For Space "Z19 HOL" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1900			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 28.6 °C / 23.7 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m²	0	-	0 m²	-	-
Wall Transmission	0 m²	0	-	0 m²	0	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	0 m²	0	-	0 m²	0	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	3 m²	4	-	3 m²	21	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	707 W	616	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	500 W	472	-	0	0	-
People	5	303	301	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1396	301	-	21	0

TABLE 2.34.B. Envelope Loads For Space "Z19 HOL" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.35.A. Component Loads For Space "Z22 MUDUR ODASI" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	8 m²	432	-	8 m²	-	-
Wall Transmission	7 m²	3	-	7 m²	72	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	8 m²	69	-	8 m²	459	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	233 W	196	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	931	-	0	0	-
People	4	232	240	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	1863	240	-	531	0

TABLE 2.35.B. Envelope Loads For Space "Z22 MUDUR ODASI" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	4	0.270	-	2	-	38
WINDOW 1	8	1.800	0.550	69	432	459
N EXPOSURE						
WALL	3	0.303	-	2	-	33

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.36.A. Component Loads For Space "Z23 FUAYE" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1700			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 23.5 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		OCCUPIED T-STAT 24.0 °C			OCCUPIED T-STAT 22.0 °C	
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	8 m²	488	-	8 m²	-	-
Wall Transmission	5 m²	2	-	5 m²	50	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	8 m²	78	-	8 m²	518	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	318 W	268	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	931	-	0	0	-
People	15	994	1187	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	2761	1187	-	568	0

TABLE 2.36.B. Envelope Loads For Space "Z23 FUAYE" In Zone "Zone 2"

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	2	0.270	-	1	-	21
WINDOW 1	5	1.800	0.550	41	259	275
WINDOW 2	4	1.800	0.550	36	228	242
N EXPOSURE						
WALL	3	0.303	-	1	-	30

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.37.A. Component Loads For Space "Z24 KONFERANS SALONU" In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 32.4 °C / 24.6 °C OCCUPIED T-STAT 24.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -12.0 °C / -12.7 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	28 m²	2144	-	28 m²	-	-
Wall Transmission	109 m²	162	-	109 m²	1062	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	28 m²	341	-	28 m²	1712	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	2304 W	1939	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	4000 W	3725	-	0	0	-
People	60	3478	3606	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	11789	3606	-	2774	0

TABLE 2.37.B. Envelope Loads For Space "Z24 KONFERANS SALONU" In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
N EXPOSURE						
WALL	15	0.270	-	11	-	141
WINDOW 1	8	1.800	0.550	102	423	514
N EXPOSURE						
WALL	6	0.303	-	5	-	58
E EXPOSURE						
WALL	13	0.303	-	25	-	135
WINDOW 1	6	1.800	0.550	74	535	373
WINDOW 2	6	1.800	0.550	71	510	355
E EXPOSURE						
WALL	17	0.270	-	31	-	159
WINDOW 1	2	1.800	0.550	29	210	146
WINDOW 2	5	1.800	0.550	65	465	324
E EXPOSURE						
WALL	28	0.303	-	55	-	293
S EXPOSURE						
WALL	24	0.270	-	27	-	218
S EXPOSURE						
WALL	6	0.303	-	7	-	58

Space Design Load Summary for ESKISEHIR TURASAS MISAFIRHANE

ESKISEHIR MISAFIRHANE TURASAS(converted)

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TABLE 2.38.A. Component Loads For Space "Z25 MISAFIR BEKLEME OD." In Zone "Zone 2"

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Nov 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 20.9 °C / 17.8 °C			HEATING OA DB / WB -12.0 °C / -12.7 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	11 m²	2575	-	11 m²	-	-
Wall Transmission	17 m²	-30	-	17 m²	163	-
Roof Transmission	0 m²	0	-	0 m²	0	-
Window Transmission	11 m²	-120	-	11 m²	694	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	1085 W	850	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	1000 W	906	-	0	0	-
People	45	2722	3560	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Space Loads	-	6903	3560	-	858	0

TABLE 2.38.B. Envelope Loads For Space "Z25 MISAFIR BEKLEME OD." In Zone "Zone 2"

	Area	U-Value	Shade	COOLING	COOLING	HEATING
	(m²)	(W/(m²·K))	Coeff.	TRANS	SOLAR	TRANS
				(W)	(W)	(W)
S EXPOSURE						
WALL	12	0.270	-	-21	-	108
WINDOW 1	11	1.800	0.550	-120	2575	694
S EXPOSURE						
WALL	5	0.303	-	-9	-	56

MAHAL TABLOSU

Mahal No	Mahal Adı	Yaz	Duyulur Isı Kazancı	Gizli Isı Kazancı	Toplam Isı Kazancı	Mini VRF	Soğutma Kapasitesi	Adet	Toplam Soğutma Kapasitesi
		°C	W	W	W		Watt		W
301	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
304	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
307	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
310	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
313	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
316	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
319	ODA	26	1785	120	1,905	Kaset Tipi 3.6 kW	3,600	1	3,600
322	KORIDOR	26	4809	601	5,410	Kaset Tipi 3.6 kW	3,600	3	10,800
323	ODA	26	2123	120	2,243	Kaset Tipi 3.6 kW	3,600	1	3,600
328	ODA	26	1115	120	1,235	Kaset Tipi 2.2 kW	2,200	1	2,200
329	ODA	26	1151	120	1,271	Kaset Tipi 2.2 kW	2,200	1	2,200
333	ODA	26	914	120	1,034	Kaset Tipi 2.2 kW	2,200	1	2,200
335	ODA	26	1819	120	1,939	Kaset Tipi 3.6 kW	3,600	1	3,600
336	ODA	26	1723	120	1,843	Kaset Tipi 3.6 kW	3,600	1	3,600
339	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
342	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
345	ODA	26	1760	120	1,880	Kaset Tipi 3.6 kW	3,600	1	3,600
201	MESCİD	26	2296	791	3,087	Kaset Tipi 4.5 kW	4,500	1	4,500
202	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
205	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
208	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
211	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
214	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
217	ODA	26	1820	120	1,940	Kaset Tipi 3.6 kW	3,600	1	3,600
220	KORIDOR	26	5230	902	6,132	Kaset Tipi 3.6 kW	3,600	3	10,800
221	ODA	26	2107	120	2,227	Kaset Tipi 3.6 kW	3,600	1	3,600
225	ODA	26	1075	120	1,195	Kaset Tipi 2.2 kW	2,200	1	2,200
226	ODA	26	1096	120	1,216	Kaset Tipi 2.2 kW	2,200	1	2,200
228	ODA	26	887	120	1,007	Kaset Tipi 2.2 kW	2,200	1	2,200
231	ODA	26	1798	120	1,918	Kaset Tipi 3.6 kW	3,600	1	3,600
232	ODA	26	1764	120	1,884	Kaset Tipi 3.6 kW	3,600	1	3,600
235	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600

238	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
241	ODA	26	1804	120	1,924	Kaset Tipi 3.6 kW	3,600	1	3,600
101	KORİDOR	26	7149	1202	8,351	Kaset Tipi 3.6 kW	3,600	4	14,400
103	ODA	26	1150	120	1,270	Kaset Tipi 2.2 kW	2,200	1	2,200
105	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
108	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
111	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
114	ODA	26	1105	120	1,225	Kaset Tipi 2.2 kW	2,200	1	2,200
117	ODA	26	1242	120	1,362	Kaset Tipi 2.2 kW	2,200	1	2,200
120	ODA	26	1999	120	2,119	Kaset Tipi 3.6 kW	3,600	1	3,600
123	ODA	26	2405	120	2,525	Kaset Tipi 3.6 kW	3,600	1	3,600
126	ODA	26	1419	120	1,539	Kaset Tipi 2.8 kW	2,800	1	2,800
129	ODA	26	1376	120	1,496	Kaset Tipi 2.8 kW	2,800	1	2,800
132	ODA	26	2038	120	2,158	Kaset Tipi 3.6 kW	3,600	1	3,600
135	ODA	26	2053	120	2,173	Kaset Tipi 3.6 kW	3,600	1	3,600
138	ODA	26	2035	120	2,155	Kaset Tipi 2.8 kW	2,800	1	2,800
141	ODA	26	2043	120	2,163	Kaset Tipi 3.6 kW	3,600	1	3,600
144	ODA	26	2042	120	2,162	Kaset Tipi 3.6 kW	3,600	1	3,600
147	ODA	26	1402	120	1,522	Kaset Tipi 2.8 kW	2,800	1	2,800
150	ODA	26	1355	120	1,475	Kaset Tipi 2.8 kW	2,800	1	2,800
153	ODA	26	1631	120	1,751	Kaset Tipi 2.8 kW	2,800	1	2,800
156	ODA	26	1096	120	1,216	Kaset Tipi 2.2 kW	2,200	1	2,200
160	ODA	26	1344	120	1,464	Kaset Tipi 2.8 kW	2,800	1	2,800
162	KAT OFİSİ	26	979	120	1,099	Kaset Tipi 2.2 kW	2,200	1	2,200
Z02	RESEPSİYON	26	2492	180	2,672	Kaset Tipi 4.5 kW	4,500	1	4,500
Z03	TOPLANTI SALONU	26	3287	902	4,189	Kaset Tipi 3.6 kW	3,600	2	7,200
Z04	EĞİTİM SALONU	26	4177	1202	5,379	Kaset Tipi 4.5 kW	4,500	2	9,000
Z05	YEMEK SALONU	26	15713	6010	21,723	Kaset Tipi 5.6 kW	5,600	6	33,600
Z06	MUTFAK	26	11909	2333	14,242	Kaset Tipi 5.6 kW	5,600	4	22,400
Z09	KORİDOR	26	1313	301	1,614	Kaset Tipi 2.8 kW	2,800	1	2,800
Z10	KORİDOR	26	2317	601	2,918	Kaset Tipi 2.2 kW	2,200	2	4,400
Z12	BAY MESCİT	26	1201	633	1,834	Kaset Tipi 2.8 kW	2,800	1	2,800
Z13	BAYAN MESCİT	26	859	316	1,175	Kaset Tipi 2.2 kW	2,200	1	2,200

Z18	REZERV OFİS	26	1601	240	1,841	Kaset Tipi 2.8 kW	2,800	1	2,800
Z19	HOL	26	1396	301	1,697	Kaset Tipi 2.8 kW	2,800	1	2,800
Z23	FUAYE	26	2761	1187	3,948	Kaset Tipi 4.5 kW	4,500	1	4,500
Z24	KONFERANS SALON	26	11789	3606	15,395	Kaset Tipi 5.6 kW	5,600	4	22,400
Z25	MİSAFİR BEKLEME O	26	6903	3560	10,463	Kaset Tipi 4.5 kW	4,500	3	13,500

