

E26-101/2.D

Air cooled **Water chillers**

*Hava soğutmalı kondensерli
Soğuk su üretici gruplar*

Screw compressors • Microprocessor controlled
Vidalı kompresörlü • Mikroişlemci kontrollü

R134A

For air-conditioning systems, *Klima sistemleri,*
Process cooling, *Proses soğutmaları,*
Industrial plants and *Sanayi tesisleri ve*
Various purpose *Muhtelif maksatlar için*



Capacity range
Kapasite aralığı
90,7 kW - 2.218,4 kW

ISO 9001:2015 CE EAC TSEK

 **ERBAY**

Unit Description *Cihaz Tanımı*

ERBAY Water Chillers are designed to outdoor installation and provide chilled water leaving temperatures which are given on capacity tables in our factory carrying out EN ISO 9001:2015 Quality Management System. The Units are supplied to ready for installation. All connections, oil and refrigerant charge and required tests are made in our factory. Our units are in conformity with health and safety requirements of European Union directives and relevant harmonized standards.

The capacity of the Unit varying between 90,7 kW and 2.218,4 kW and it's composed of the following parts ;

Cooling Compressor : 1 or 2 pieces semi-hermetic compact screw compressors, working with R134a refrigerant are used according to customer request. Screw compressors as it's characteristics can operate without maintenance need for a long time. Maintenance of the screw compressors are quite simple because of the less amount of the moving parts in it. Screw compressors are equipped with discharge shut-off valve, check-valve that prevents to return back of the refrigerant from the discharge line, oil level switch, oil sight glass, oil separator, oil filter, crankcase heater, capacity control solenoids, vibration dampers, motor protection device and temperature sensors (PTC). Required power supply is 3 ph, 400V, 50 Hz.

Condenser : Air cooled condensers are manufactured by copper tubes and aluminium fins. Current overload protected, high efficient direct drive axial fans which have noiseless bearing are mounted on the Unit to provide condensation of the refrigerant.

Evaporator : Direct expansion evaporator is manufactured in Shell & Tube form and special high efficient copper tubes are fixed to steel tubesheet holes with tube expander method. It's allowed to maintenance and clean up because of the removable tube bundle. Evaporators are in conformity with EN 14276-1 and EN 13445 standards and designed for chilling water and glycol brines. External surface of evaporators and suction lines are insulated with insulation material with suitable thickness.

Electrical Control Panel : The panel is designed to IP54. To operate the Unit automatically and securely, the panel is composed of two different section. The first section is power section and the other one is control section. The panel is equipped with enough number of contactors, thermics, fuses and on-off switches. The panel and wiring are in conformity with EN 60204-1 standart. Required power supply is 3 ph ,400 Volt ,50 Hz.

Microprocessor Control System : Microprocessor control system is used on the Unit. By means of this; entering and leaving water temperatures, refrigerant pressures on the suction and discharge lines, occurred superheat temperature, operating times of compressors, all faults occurred on the system and all alarm history can be seen on the digital screen and also capacity control can be made easily. Besides condenser fans are controlled automatically depending on the ambient temperature and the operating times of each compressor is balanced so optimum efficient operation of the Unit is provided.

Components of the Cooling Circuit : To operate the Unit automatically and securely; electronic expansion valve, drier-filter, sight glass, relief valve, flow - switch, low and high pressure switches and shut - off valves are included.

Options : Depending on customer request, the Unit can be delivered with the following options;

- Remote monitoring and control via BMS
- Remote display
- Hydronic Kit with single or double pump
- Integrated buffer tank
- Cold climate kits
- Integrated adiabatic cooling

ERBAY Soğuk Su Üretici Grupları, EN ISO 9001:2015 Kalite Yönetim Sisteminin uygulandığı fabrikamızda dış ortamda çalışacak ve kapasite tablosundaki soğuk su çıkış sıcaklıklarını verecek şekilde dizayn edilmiştir. Soğutma Gruplarımız fabrikamızda her türlü boru ve kablo bağlantısı, gaz-yağ şarjı ve gerekli testleri yapılmış olarak ve yerine yerleştirmeye hazır halde teslim edilirler. Soğutma Gruplarımız sağlık emniyeti ve güvenlik gereksinimleri konusunda Avrupa Birliği direktiflerine ve ilgili harmonize standartlara uygundur.

Aşağıdaki kısımlardan müteşekkil olan soğutma gruplarının kapasiteleri 90,7 kW ile 2.218,4 kW arasında değişmektedir.

Soğutma Kompresörü : R134a gazı ile çalışan, isteğe göre 1 veya 2 adet yarı hermetik kompakt vidalı (semi-hermetic compact screw) kompresör kullanılmaktadır. Vidalı kompresör yapısı gereği uzun müddet bakım gerektirmeksizin çalışmaktadır. Hareketli parçaların az olması sebebiyle bakımı kolay ve ekonomiktir. Vidalı kompresörler ; basma-kapama vanası, basma hattındaki akışkanının geri dönüşünü engelleyen check-valf, yağ seviye switchi, yağ gözetleme camı, yağ ayırıcı, filtre, karter ısıtıcı, kapasite kontrol selonoidleri, titreşim takozları, motor koruma rölesi ve PTC sensörleri ile techiz edilmiştir. Gerekli şebeke gerilimi; 3 faz, 400 V, 50 Hz'dir.

Kondenser (Yoğuşturucu) : Hava Soğutmalı Kondenserler bakır boru ve alüminyum lamelli olarak imal edilmektedir. Soğutucu akışkanın yoğuşmasını sağlamak üzere motoru ile direkt akuple yüksek verimli, aşırı akım koruma röleli, sessiz yataklı aksiyal fan cihaz üzerine monte edilmiştir.

Evaporatör : Shell & Tube tipinde imal edilen direkt genişlemeli evaporatörler özel yüksek verimli bakır boruların çelik ayna deliklerine özel işlem ile tespit edilmesi suretiyle üretilmiştir. Boru demetinin sökülebilir olması bakım ve temizlik imkanı sağlar. EN 14276-1 ve EN 13445 standartlarına uygun olarak imal edilen evaporatörler su ve glikol çözeltilerinin soğutulması için tasarlanmıştır. Evaporatörlerin dış yüzeyi ve kompresör emiş hatları uygun kalınlıkta izolasyon malzemesi kullanılarak izole edilmektedir.

Elektrik kumanda panosu : IP54 koruma sınıfına göre tasarlanmıştır. Cihazın tam olarak çalışmasını sağlayacak şekilde güç ve kumanda tarafları olmak üzere iki kısımdan müteşekkilidir. Pano yeterli miktarda kontaktör, termik, sigorta ve şalter ile techiz edilmiştir. Cihazın panosu ve cihaz içi kablo tesisatı EN 60204-1 standardına uygundur. Gerekli şebeke gerilimi 3 faz, 400V, 50 Hz'dir.

Mikroişlemci kontrol sistemi : Cihazda kullanılan mikroişlemci kontrol sistemi sayesinde su giriş ve çıkış sıcaklıkları, emme ve basma tarafındaki gaz basınçları, evaporatörlerde oluşan aşırı ısıtma (superheat) sıcaklığı, kompresörlerin çalışma zamanları, oluşan tüm anızalar ve geçmişte vukubulan tüm arıza kayıtları ekranda dijital olarak görülebilmekte ve kolaylıkla kapasite kontrolü yapılabilmektedir. Ayrıca dış hava sıcaklığına bağlı olarak kondenser fanları otomatik olarak devreye girip çıkmakta ve her kompresörün çalışma sürelerinin dengede tutularak, cihazın optimum verimde çalışması sağlanmaktadır.

Soğutma devresi elemanları : Cihazın otomatik ve güvenli şekilde çalışması için elektronik genişleme valfi, drayer-filtre, gözetleme camı, emniyet ventili, su akış kontrol otomatığı, alçak ve yüksek basınç switchleri ve soğutma valfleri konmuştur.

Opsiyonlar : Cihaz müşteri talebine bağlı olarak aşağıdaki opsiyonlar ile teslim edilebilmektedir.

- BMS üzerinden uzaktan izleme ve kontrol
- Ekran çoklama
- Tek veya çift pompalı hidronik kit
- Su tankı entegrasi
- Soğuk iklim kitleri
- Adyabatik soğutma entegrasi

Technical Specifications *Teknik Özellikler*

TYPE CİHAZ TİPİ	EBHV- 113A.1	EBHV- 150A.1	EBHV- 185A.1	EBHV- 220A.1	EBHV- 275A.1	EBHV- 330A.1	EBHV- 360A.1	EBHV- 420A.1	EBHV- 490A.1	EBHV- 560A.1	EBHV- 630A.1	EBHV- 695A.1	
													(1)
Nominal Capacity (kW) <i>Nominal Kapasite</i>	R134a		167,2	219	237	303	345	410	475	544	619	730	805,6
			149,7	198,7	215	274	313	370	432	497	565	666	728,7
Nominal Power Input of the Comp. (kW) <i>Nominal Kompresör Gücü</i>	R134a	(1)	36	46,7	50,3	63,8	73,2	85,2	96,8	110,8	125,2	154,4	163,2
		(2)	42	54,3	58,7	74,5	85	99,4	111,4	129,3	146,2	178,9	192,6
COP	R134a	(1)	4,6	4,7	4,7	4,7	4,7	4,8	4,9	4,9	4,9	4,7	4,9
		(2)	3,6	3,7	3,7	3,7	3,7	3,7	3,7	3,9	3,9	3,7	3,9
Number of Compressors <i>Kompresör Adedi</i>		1	1	1	1	1	1	1	1	1	1	1	
Capacity Control <i>Kapasite Kontrol</i>		Infinite/Süreklil (3 steps on request/isteğe bağlı 3 kademeye)											
Number of Fans x Power Input (kW) <i>Fan Adedi x Çekilen Güç</i>		2 x 1,8	2 x 1,8	2 x 1,8	4 x 1,8	4 x 1,8	6 x 1,8	6 x 1,8	6 x 1,8	6 x 1,8	8 x 1,8	8 x 1,8	8 x 1,8
		12,5	12,5	12,5	25	25	37,5	37,5	37,5	37,5	50	50	50
Total Air Flowrate (m³/s) <i>Toplam Hava Debisi</i>		21,6	28,8	37,7	40,8	52,1	59,3	70,5	81,7	93,6	106,5	125,6	138,7
		19,4	25,7	34,2	37	47,1	53,8	63,6	74,3	85,5	97,1	114,6	125,3
Nominal Evaporator Water Flowrate (m³/h) <i>Nominal Evaporatör Su Debisi</i>		(1)	20	29	31	42	47	60	70	88	90	95	116
		(2)	9	14	14	21	18	29	29	29	29	31	40
Refrigerant Charge (kg) <i>Soğutucu Gaz Miktarı</i>		(3)	52	53	53	59	59	61	62	63	65	67	69
			1231	1466	1514	2298	2391	2949	3509	3556	3911	4301	4541
Operating Weight ~ (kg) / İşletme Ağırlığı													

Note: Required power supply is 3 ph-400 Volt-50 Hz.
Not: Gereklil şebeke gerilimi 3 faz-400 Volt-50 Hz' dir.

(1) Values are based on evaporator entering/leaving water temp. 12°C/7°C and ambient temperature 25°C
12°C su giriş, 7°C su çıkış ve 25°C dış hava sıcaklığına göre verilmiştir.

(2) Values are based on evaporator entering/leaving water temp. 12°C/7°C and ambient temperature 33°C
12°C su giriş, 7°C su çıkış ve 33°C dış hava sıcaklığına göre verilmiştir.

(3) Values are based on freefield conditions in 10 meter distance.
Boş alanda 10 metre mesafedeki değerlere göre verilmiştir.

Technical Specifications *Teknik Özellikler*

TYPE CİHAZ TİPİ	EBHV- 113A.2	EBHV- 150A.2	EBHV- 185A.2	EBHV- 220A.2	EBHV- 275A.2	EBHV- 330A.2	EBHV- 360A.2	EBHV- 420A.2	EBHV- 490A.2	EBHV- 560A.2	EBHV- 630A.2	EBHV- 695A.2	R134a	
													(1)	(2)
Nominal Capacity (kW) <i>Nominal Kapasite</i>	250,6	334,4	438	474	606	690	820	950	1088	1238	1460	1611,2		
	225,8	299,4	397,4	430	548	626	740	864	994	1130	1332	1457,4		
Nominal Power Input of the Comp. (kW) <i>Nominal Kompresör Gücü</i>	52,6	72	93,4	100,6	127,6	146,4	170,4	193,6	221,6	250,4	308,8	326,4		
	61	84	108,6	117,4	149	170	198,8	222,8	258,6	292,4	357,8	385,2		
COP	4,8	4,6	4,7	4,7	4,7	4,7	4,8	4,9	4,9	4,9	4,7	4,9		
	3,7	3,6	3,7	3,7	3,7	3,7	3,7	3,9	3,9	3,9	3,7	3,9		
Number of Compressors <i>Kompresör Adedi</i>	2	2	2	2	2	2	2	2	2	2	2	2		
Capacity Control <i>Kapasite Kontrol</i>	Infinite/Sürekli (6 steps on request/isteğe bağlı 6 kademe)													
Number of Fans x Power Input (kW) <i>Fan Adedi x Çekilen Güç</i>	4 x 1,8	4 x 1,8	4 x 1,8	8 x 1,8	8 x 1,8	12 x 1,8	12 x 1,8	12 x 1,8	12 x 1,8	16 x 1,8	16 x 1,8	16 x 1,8		
	25	25	25	50	50	75	75	75	75	100	100	100		
Total Air Flowrate (m³/s) <i>Toplam Hava Debisi</i>	43,1	57,5	75,3	81,5	104,2	118,7	141	163,4	187,1	212,9	251,1	277,1		
	38,8	51,5	68,4	74	94,3	107,7	127,3	148,6	171	194,4	229,1	250,7		
Refrigerant Charge (kg) <i>Soğutucu Gaz Miktarı</i>	41	59	62	85	93	120	133	140	177	180	190	231		
	18	28	28	42	36	36	58	58	58	58	62	80		
Sound Pressure Level dB (A) <i>Cihaz Ses Seviyesi</i>	56	57	57	63	63	65	66	66	67	70	72	74		
	2208	2743	2946	4488	4725	6060	6992	7085	7795	8574	9055	9540		

Note: Required power supply is 3 ph-400 Volt-50 Hz.
Not: Gerekli şebeke gerilimi 3 faz-400 Volt-50 Hz' dir.

(1) Values are based on evaporator entering/leaving water temp. 12°C/7°C and ambient temperature 25°C
12°C su giriş, 7°C su çıkış ve 25°C dış hava sıcaklığına göre verilmiştir.

(2) Values are based on evaporator entering/leaving water temp. 12°C/7°C and ambient temperature 33°C
12°C su giriş, 7°C su çıkış ve 33°C dış hava sıcaklığına göre verilmiştir.

(3) Values are based on freefield conditions in 10 meter distance.
Boş alanda 10 metre mesafedeki değerlere göre verilmiştir.

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																						
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	121,8	25,7	118,9	26,6	115,9	27,6	112,9	28,7	109,8	29,7	106,7	30,9	103,6	32,1	100,4	33,3	97,2	34,7	94,0	36,1	90,7	37,5
	7 °C	126,7	25,9	123,8	26,8	120,7	27,8	117,6	28,8	114,5	29,9	111,3	31,1	108,0	32,3	104,8	33,5	101,5	34,8	98,1	36,2	94,7	37,7
	8 °C	131,9	26,0	128,8	27,0	125,7	28,0	122,5	29,0	119,3	30,1	116,0	31,2	112,6	32,4	109,3	33,7	105,8	35,0	102,4	36,4	98,9	37,9
	9 °C	137,2	26,2	134,0	27,2	130,8	28,2	127,5	29,2	124,2	30,3	120,8	31,4	117,4	32,6	113,9	33,9	110,4	35,2	106,8	36,6	103,2	38,1
	10 °C	142,6	26,4	139,4	27,4	136,1	28,4	132,7	29,4	129,3	30,5	125,8	31,6	122,2	32,8	118,7	34,1	115,0	35,4	111,4	36,8	107,7	38,3
	11 °C	148,2	26,6	144,9	27,6	141,5	28,5	138,0	29,6	134,5	30,7	130,9	31,8	127,3	33,0	123,6	34,3	119,8	35,6	116,1	37,0	112,3	38,4
	12 °C	154,0	26,8	150,6	27,8	147,1	28,7	143,5	29,8	139,9	30,9	136,2	32,0	132,4	33,2	128,6	34,5	124,8	35,8	120,9	37,2	117,0	38,6
	13 °C	159,9	27,0	156,4	28,0	152,8	29,0	149,2	30,0	145,4	31,1	141,6	32,2	137,8	33,4	133,9	34,7	129,9	36,0	125,9	37,4	121,9	38,8
	14 °C	166,1	27,2	162,4	28,2	158,7	29,2	155,0	30,2	151,1	31,3	147,2	32,4	143,3	33,6	139,2	34,9	135,2	36,2	131,1	37,6	126,9	39,1
	15 °C	172,4	27,4	168,6	28,4	164,8	29,4	161,0	30,4	157,0	31,5	153,0	32,7	148,9	33,9	144,8	35,1	140,6	36,4	136,4	37,8	132,1	39,3
	6 °C	162,3	35,1	158,2	36,4	154,1	37,9	149,8	39,3	145,5	40,9	141,1	42,6	136,7	44,3	132,2	46,2	127,6	48,1	123,0	50,1	118,4	52,3
	7 °C	169,2	35,4	165,1	36,7	160,8	38,1	156,4	39,6	152,0	41,2	147,4	42,9	142,8	44,6	138,2	46,5	133,4	48,4	128,7	50,4	123,9	52,5
	8 °C	176,4	35,7	172,2	37,0	167,8	38,4	163,2	39,9	158,6	41,5	154,0	43,2	149,2	44,9	144,4	46,7	139,5	48,7	134,6	50,7	129,6	52,8
	9 °C	183,9	36,0	179,5	37,3	174,9	38,7	170,3	40,2	165,5	41,8	160,7	43,5	155,8	45,2	150,8	47,0	145,8	49,0	140,7	51,0	135,5	53,1
	10 °C	191,5	36,3	187,0	37,7	182,3	39,1	177,5	40,6	172,7	42,1	167,7	43,8	162,6	45,5	157,4	47,4	152,2	49,3	147,0	51,3	141,7	53,4
11 °C	199,5	36,7	194,8	38,0	190,0	39,4	185,0	40,9	180,0	42,5	174,8	44,1	169,6	45,9	164,3	47,7	158,9	49,6	153,5	51,6	148,0	53,8	
12 °C	208,0	37,0	203,0	38,4	197,9	39,8	192,8	41,2	187,6	42,8	182,3	44,5	176,9	46,2	171,4	48,0	165,8	49,9	160,2	52,0	154,5	54,1	
13 °C	216,0	37,4	211,0	38,7	206,0	40,1	201,0	41,6	195,4	43,2	189,9	44,8	184,4	46,6	178,7	48,4	173,0	50,3	167,2	52,3	-	-	
14 °C	225,0	37,8	220,0	39,1	214,0	40,5	209,0	42,0	203,0	43,6	197,8	45,2	192,1	46,9	186,2	48,7	180,3	50,7	174,3	52,7	-	-	
15 °C	234,0	38,2	228,0	39,5	223,0	40,9	217,0	42,4	212,0	43,9	206,0	45,6	200,0	47,3	194,0	49,1	187,9	51,0	-	-	-	-	
6 °C	212,0	45,5	208,0	47,2	203,0	49,0	198,2	50,8	193,2	52,8	187,9	54,9	182,5	57,2	177,0	59,5	171,4	62,1	165,6	64,8	159,7	67,8	
7 °C	221,0	45,9	217,0	47,6	212,0	49,4	207,0	51,3	201,0	53,2	196,0	55,3	190,5	57,5	184,8	59,9	179,0	62,5	173,1	65,2	-	-	
8 °C	230,0	46,3	225,0	48,0	220,0	49,8	215,0	51,7	210,0	53,6	204,0	55,7	198,7	57,9	192,8	60,3	186,9	62,8	180,7	65,6	-	-	
9 °C	240,0	46,8	235,0	48,5	230,0	50,3	224,0	52,1	219,0	54,1	213,0	56,1	207,0	58,3	201,0	60,7	195,0	63,2	-	-	-	-	
10 °C	249,0	47,3	244,0	49,0	239,0	50,7	233,0	52,5	228,0	54,5	222,0	56,5	216,0	58,7	210,0	61,1	203,0	63,6	-	-	-	-	
11 °C	259,0	47,8	254,0	49,4	249,0	51,2	243,0	53,0	237,0	54,9	231,0	57,0	225,0	59,1	219,0	61,5	-	-	-	-	-	-	
12 °C	269,0	48,3	264,0	49,9	258,0	51,6	253,0	53,4	247,0	55,3	241,0	57,4	234,0	59,5	228,0	61,8	-	-	-	-	-	-	
13 °C	280,0	48,8	274,0	50,4	269,0	52,1	263,0	53,9	257,0	55,8	250,0	57,8	244,0	59,9	-	-	-	-	-	-	-	-	
14 °C	291,0	49,3	285,0	50,9	279,0	52,6	273,0	54,4	267,0	56,2	260,0	58,2	254,0	60,4	-	-	-	-	-	-	-	-	
15 °C	302,0	49,9	296,0	51,5	290,0	53,1	284,0	54,9	277,0	56,7	271,0	58,7	-	-	-	-	-	-	-	-	-	-	

N_g= Power input (kW) Kompresör mil gücü

Q= Cooling capacity (kW) Soğutma kapasitesi

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																					
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C	
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	230,0	49,1	225,0	50,9	220,0	52,9	214,0	55,0	209,0	57,2	203,0	59,6	197,8	62,0	192,1	186,2	67,4	180,3	70,3	174,3	73,4
	7 °C	239,0	49,4	234,0	51,3	229,0	53,2	223,0	55,3	218,0	57,5	212,0	59,9	206,0	62,4	200,0	194,2	67,7	188,1	70,6	181,9	73,7
	8 °C	249,0	49,8	243,0	51,6	238,0	53,6	232,0	55,7	226,0	57,9	221,0	60,2	215,0	62,7	209,0	202,0	68,0	196,1	71,0	189,7	74,0
	9 °C	259,0	50,1	253,0	52,0	247,0	53,9	242,0	56,0	236,0	58,2	230,0	60,5	223,0	63,0	217,0	211,0	68,4	204,0	71,3	197,8	74,4
	10 °C	269,0	50,5	263,0	52,3	257,0	54,3	251,0	56,3	245,0	58,5	239,0	60,9	233,0	63,3	226,0	220,0	68,7	213,0	71,6	206,0	74,7
	11 °C	279,0	50,9	273,0	52,7	267,0	54,6	261,0	56,7	255,0	58,9	248,0	61,2	242,0	63,7	235,0	229,0	69,1	222,0	72,0	215,0	75,0
	12 °C	290,0	51,3	284,0	53,1	278,0	55,0	271,0	57,1	265,0	59,3	258,0	61,6	252,0	64,1	245,0	238,0	69,4	231,0	72,3	224,0	75,4
	13 °C	301,0	51,7	295,0	53,5	288,0	55,4	282,0	57,5	275,0	59,7	268,0	62,0	261,0	64,4	254,0	247,0	69,8	240,0	72,7	233,0	75,8
	14 °C	313,0	52,2	306,0	54,0	299,0	55,9	293,0	57,9	286,0	60,1	279,0	62,4	272,0	64,8	265,0	257,0	70,2	250,0	73,1	242,0	76,1
	15 °C	324,0	52,7	318,0	54,4	311,0	56,3	304,0	58,3	297,0	60,5	290,0	62,8	282,0	65,2	275,0	267,0	70,6	260,0	73,5	252,0	76,5
	6 °C	294,0	62,2	287,0	64,6	281,0	67,1	274,0	69,7	267,0	72,5	259,0	75,5	252,0	78,7	245,0	238,0	85,7	230,0	89,5	223,0	93,5
	7 °C	306,0	62,7	299,0	65,0	292,0	67,5	285,0	70,2	278,0	73,0	271,0	76,0	263,0	79,2	256,0	248,0	86,2	240,0	90,0	233,0	94,0
	8 °C	319,0	63,2	312,0	65,5	304,0	68,0	297,0	70,7	289,0	73,5	282,0	76,5	274,0	79,7	266,0	259,0	86,6	251,0	90,4	243,0	94,5
	9 °C	331,0	63,7	324,0	66,0	317,0	68,5	309,0	71,2	301,0	74,0	294,0	77,0	286,0	80,1	278,0	270,0	87,1	262,0	90,9	-	-
	10 °C	345,0	64,2	337,0	66,5	329,0	69,0	322,0	71,7	314,0	74,5	306,0	77,5	298,0	80,6	289,0	281,0	87,6	273,0	91,4	-	-
11 °C	358,0	64,8	351,0	67,1	343,0	69,6	335,0	72,2	326,0	75,0	318,0	78,0	310,0	81,1	301,0	293,0	88,1	284,0	91,9	-	-	
12 °C	372,0	65,3	364,0	67,6	356,0	70,1	348,0	72,7	340,0	75,5	331,0	78,5	322,0	81,7	314,0	305,0	88,6	296,0	92,4	-	-	
13 °C	387,0	65,9	379,0	68,2	370,0	70,6	362,0	73,3	353,0	76,1	344,0	79,0	335,0	82,2	326,0	317,0	89,1	-	-	-	-	
14 °C	402,0	66,5	393,0	68,8	385,0	71,2	376,0	73,8	367,0	76,6	358,0	79,6	349,0	82,7	340,0	330,0	89,6	-	-	-	-	
15 °C	417,0	67,1	408,0	69,4	400,0	71,8	391,0	74,4	381,0	77,2	372,0	80,1	363,0	83,3	353,0	-	-	-	-	-	-	
6 °C	335,0	71,3	327,0	74,0	319,0	76,7	312,0	79,7	304,0	82,8	296,0	86,1	288,0	89,7	280,0	272,0	97,3	264,0	101,5	256,0	106,0	
7 °C	348,0	71,9	341,0	74,5	333,0	77,3	325,0	80,2	317,0	83,3	309,0	86,7	300,0	90,2	292,0	284,0	97,9	276,0	102,0	268,0	106,5	
8 °C	363,0	72,4	355,0	75,0	347,0	77,8	338,0	80,7	330,0	83,9	322,0	87,2	313,0	90,7	305,0	296,0	98,4	288,0	102,6	279,0	107,0	
9 °C	377,0	73,0	369,0	75,6	361,0	78,4	352,0	81,3	344,0	84,4	335,0	87,7	326,0	91,2	318,0	309,0	98,9	300,0	103,1	292,0	107,5	
10 °C	393,0	73,6	384,0	76,2	375,0	78,9	367,0	81,8	358,0	85,0	349,0	88,3	340,0	91,8	331,0	322,0	99,5	313,0	103,6	304,0	108,1	
11 °C	408,0	74,2	399,0	76,8	391,0	79,5	382,0	82,4	373,0	85,5	363,0	88,8	354,0	92,3	345,0	336,0	100,0	326,0	104,2	317,0	108,6	
12 °C	424,0	74,8	415,0	77,4	406,0	80,1	397,0	83,0	388,0	86,1	378,0	89,4	369,0	92,9	359,0	350,0	100,6	340,0	104,7	330,0	109,2	
13 °C	441,0	75,4	432,0	78,0	422,0	80,7	413,0	83,6	403,0	86,7	393,0	90,0	384,0	93,5	374,0	364,0	101,1	354,0	105,3	344,0	109,7	
14 °C	458,0	76,1	448,0	78,6	439,0	81,4	429,0	84,2	419,0	87,3	409,0	90,6	399,0	94,1	389,0	379,0	101,7	369,0	105,9	359,0	110,3	
15 °C	475,0	76,8	466,0	79,3	456,0	82,0	446,0	84,9	436,0	87,9	425,0	91,2	415,0	94,7	405,0	394,0	102,3	384,0	106,4	373,0	110,8	

Q= Cooling capacity (kW) Soğutma kapasitesi

N_e= Power input (kW) Kompresör mil gücü

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																						
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	398,0	83,2	389,0	86,3	379,0	89,7	370,0	93,2	360,0	97,0	350,0	100,9	340,0	105,1	329,0	109,4	319,0	113,9	308,0	118,5	297,0	123,4
	7 °C	414,0	83,7	405,0	86,8	395,0	90,1	385,0	93,7	375,0	97,5	365,0	101,4	354,0	105,6	344,0	109,9	333,0	114,4	322,0	119,1	311,0	123,9
	8 °C	431,0	84,1	421,0	87,3	411,0	90,6	401,0	94,2	391,0	97,9	380,0	101,9	369,0	106,1	358,0	110,4	347,0	114,9	336,0	119,6	325,0	124,5
	9 °C	448,0	84,6	438,0	87,7	428,0	91,0	418,0	94,6	407,0	99,4	396,0	102,4	385,0	106,5	374,0	110,9	362,0	115,4	351,0	120,1	339,0	125,0
	10 °C	466,0	85,1	456,0	88,2	445,0	91,5	435,0	95,0	424,0	98,8	412,0	102,8	401,0	107,0	389,0	111,4	378,0	115,9	366,0	120,7	353,0	125,5
	11 °C	484,0	85,6	474,0	88,6	463,0	91,9	452,0	95,5	441,0	99,2	429,0	103,2	417,0	107,4	405,0	111,8	393,0	116,4	381,0	121,2	368,0	126,1
	12 °C	503,0	86,0	492,0	89,0	481,0	92,3	470,0	95,9	458,0	99,6	446,0	103,6	434,0	107,9	422,0	112,3	410,0	116,9	397,0	121,6	384,0	126,6
	13 °C	522,0	86,5	511,0	89,5	500,0	92,7	488,0	96,2	476,0	100,0	464,0	104,0	452,0	108,3	439,0	112,7	426,0	117,3	413,0	122,1	400,0	127,1
	14 °C	542,0	87,0	531,0	89,9	519,0	93,1	507,0	96,6	495,0	100,4	482,0	104,4	470,0	108,7	457,0	113,1	443,0	117,8	430,0	122,6	-	-
	15 °C	562,0	87,4	551,0	90,3	539,0	93,5	527,0	96,9	514,0	100,7	501,0	104,7	488,0	109,0	475,0	113,5	461,0	118,2	447,0	123,0	-	-
	6 °C	461,0	94,4	451,0	97,8	441,0	101,3	431,0	105,0	420,0	108,8	408,0	112,7	397,0	116,9	385,0	121,3	373,0	125,9	361,0	130,9	349,0	136,1
	7 °C	480,0	95,1	470,0	98,5	460,0	102,0	449,0	105,6	438,0	109,4	426,0	113,4	414,0	117,6	402,0	122,0	389,0	126,6	377,0	131,5	364,0	136,7
	8 °C	500,0	95,7	490,0	99,2	479,0	102,7	468,0	106,3	456,0	110,1	444,0	114,1	432,0	118,3	419,0	122,7	406,0	127,3	393,0	132,2	380,0	137,4
	9 °C	521,0	96,4	510,0	99,9	499,0	103,4	487,0	107,0	475,0	110,8	463,0	114,8	450,0	119,0	437,0	123,4	424,0	128,0	410,0	132,9	-	-
	10 °C	542,0	97,2	531,0	100,6	519,0	104,1	507,0	107,8	495,0	111,6	482,0	115,6	469,0	119,7	455,0	124,1	442,0	128,8	428,0	133,7	-	-
11 °C	563,0	97,9	552,0	101,4	541,0	104,9	528,0	108,5	515,0	112,4	502,0	116,3	488,0	120,5	474,0	124,9	460,0	129,5	446,0	134,4	-	-	
12 °C	586,0	98,7	574,0	102,2	562,0	105,7	550,0	109,3	536,0	113,2	523,0	117,1	509,0	121,3	494,0	125,7	479,0	130,3	-	-	-	-	
13 °C	609,0	99,5	597,0	103,0	585,0	106,5	572,0	110,2	558,0	114,0	544,0	118,0	529,0	122,1	514,0	126,5	499,0	131,2	-	-	-	-	
14 °C	633,0	100,4	621,0	103,9	608,0	107,4	594,0	111,1	580,0	114,9	566,0	118,8	551,0	123,0	535,0	127,4	-	-	-	-	-	-	
15 °C	657,0	101,3	645,0	104,8	632,0	108,3	618,0	112,0	603,0	115,8	588,0	119,8	573,0	123,9	557,0	128,3	-	-	-	-	-	-	
6 °C	529,0	108,0	518,0	112,2	507,0	116,6	495,0	121,3	483,0	126,1	472,0	131,1	459,0	136,4	447,0	141,8	435,0	147,5	422,0	153,3	409,0	159,4	
7 °C	550,0	108,7	539,0	112,9	527,0	117,3	515,0	121,9	503,0	126,8	491,0	131,8	479,0	137,1	466,0	142,6	453,0	148,3	440,0	154,1	427,0	160,2	
8 °C	572,0	109,3	560,0	113,6	548,0	118,0	536,0	122,6	524,0	127,5	511,0	132,6	499,0	137,8	486,0	143,3	473,0	149,0	459,0	154,9	446,0	161,0	
9 °C	595,0	110,0	583,0	114,2	570,0	118,7	558,0	123,3	545,0	128,2	532,0	133,3	519,0	138,6	506,0	144,1	492,0	149,8	479,0	155,7	465,0	161,9	
10 °C	618,0	110,7	605,0	114,9	593,0	119,3	580,0	124,0	567,0	128,9	554,0	134,0	540,0	139,3	527,0	144,8	513,0	150,6	499,0	156,5	-	-	
11 °C	642,0	111,3	629,0	115,6	616,0	120,0	603,0	124,7	589,0	129,6	576,0	134,7	562,0	140,0	548,0	145,6	534,0	151,3	519,0	157,3	-	-	
12 °C	666,0	112,0	653,0	116,2	640,0	120,7	626,0	125,4	613,0	130,3	599,0	135,4	584,0	140,8	570,0	146,3	555,0	152,1	-	-	-	-	
13 °C	692,0	112,6	678,0	116,9	665,0	121,4	651,0	126,1	637,0	131,0	622,0	136,1	608,0	141,5	593,0	147,1	578,0	152,9	-	-	-	-	
14 °C	718,0	113,3	704,0	117,6	690,0	122,0	676,0	126,7	661,0	131,7	646,0	136,8	631,0	142,2	616,0	147,8	601,0	153,6	-	-	-	-	
15 °C	745,0	114,0	731,0	118,2	716,0	122,7	701,0	127,4	687,0	132,4	671,0	137,5	656,0	142,9	640,0	148,5	-	-	-	-	-	-	

Q_c = Cooling capacity (kW) Soğutma kapasitesiN_c = Power input (kW) Kompresör mil gücü

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																						
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	601,0	122,1	588,0	126,9	576,0	131,8	563,0	137,1	549,0	142,5	536,0	148,2	522,0	154,2	508,0	160,3	494,0	166,7	480,0	173,3	465,0	180,2
	7 °C	625,0	122,9	612,0	127,6	599,0	132,6	586,0	137,9	572,0	143,3	558,0	149,0	544,0	155,0	530,0	161,2	515,0	167,6	500,0	174,2	486,0	181,1
	8 °C	650,0	123,6	637,0	128,4	623,0	133,4	609,0	138,6	595,0	144,1	581,0	149,9	567,0	155,8	552,0	162,0	537,0	168,5	522,0	175,1	506,0	182,1
	9 °C	676,0	124,3	662,0	129,1	648,0	134,1	634,0	139,4	619,0	144,9	605,0	150,7	590,0	156,7	575,0	162,9	559,0	169,3	544,0	176,1	528,0	183,0
	10 °C	702,0	125,1	688,0	129,9	674,0	134,9	659,0	140,2	644,0	145,7	629,0	151,5	614,0	157,5	598,0	163,7	583,0	170,2	567,0	177,0	-	-
	11 °C	729,0	125,8	715,0	130,6	700,0	135,7	685,0	141,0	670,0	146,5	654,0	152,3	639,0	158,3	623,0	164,6	606,0	171,1	590,0	177,8	-	-
	12 °C	757,0	126,6	742,0	131,4	727,0	136,4	712,0	141,7	696,0	147,3	680,0	153,1	664,0	159,1	648,0	165,4	631,0	172,0	-	-	-	-
	13 °C	786,0	127,3	771,0	132,1	755,0	137,2	739,0	142,5	723,0	148,1	707,0	153,9	690,0	159,9	674,0	166,2	656,0	172,8	-	-	-	-
	14 °C	816,0	128,1	800,0	132,9	784,0	138,0	768,0	143,3	751,0	148,9	735,0	154,7	717,0	160,8	700,0	167,1	-	-	-	-	-	-
	15 °C	846,0	128,8	830,0	133,7	814,0	138,7	797,0	144,0	780,0	149,6	763,0	155,5	745,0	161,6	728,0	167,9	-	-	-	-	-	-
	6 °C	709,0	150,5	694,0	156,2	679,0	162,1	663,0	168,2	647,0	174,5	632,0	181,0	615,0	187,8	599,0	194,9	583,0	202,0	566,0	210,0	549,0	218,0
	7 °C	738,0	151,5	722,0	157,3	707,0	163,2	691,0	169,3	675,0	175,6	658,0	182,2	642,0	189,0	625,0	196,1	608,0	203,0	590,0	211,0	573,0	219,0
	8 °C	768,0	152,5	752,0	158,3	736,0	164,3	719,0	170,4	702,0	176,8	686,0	183,4	668,0	190,2	651,0	197,3	634,0	205,0	616,0	212,0	598,0	221,0
	9 °C	798,0	153,5	782,0	159,4	765,0	165,4	748,0	171,6	731,0	178,0	714,0	184,6	696,0	191,4	678,0	198,6	660,0	206,0	642,0	214,0	623,0	222,0
	10 °C	830,0	154,5	813,0	160,5	796,0	166,6	779,0	172,8	761,0	179,2	743,0	185,9	725,0	192,7	706,0	199,9	688,0	207,0	669,0	215,0	-	-
11 °C	862,0	155,5	845,0	161,5	827,0	167,7	810,0	174,0	791,0	180,5	773,0	187,1	754,0	194,0	735,0	201,0	716,0	209,0	697,0	216,0	-	-	
12 °C	896,0	156,5	878,0	162,6	860,0	168,9	842,0	175,2	823,0	181,7	804,0	188,4	785,0	195,3	765,0	203,0	745,0	210,0	-	-	-	-	
13 °C	930,0	157,5	912,0	163,8	894,0	170,1	875,0	176,5	855,0	183,0	836,0	189,7	816,0	196,7	796,0	204,0	776,0	211,0	-	-	-	-	
14 °C	966,0	158,5	947,0	164,9	928,0	171,3	909,0	177,7	889,0	184,3	869,0	191,1	848,0	198,0	828,0	205,0	-	-	-	-	-	-	
15 °C	1.003,0	159,5	983,0	166,0	964,0	172,5	944,0	179,0	923,0	185,6	903,0	192,4	882,0	199,4	860,0	207,0	-	-	-	-	-	-	
6 °C	782,5	159,4	765,4	165,8	747,4	172,7	728,5	180,0	709,4	187,8	689,0	195,9	669,4	204,5	648,5	213,6	627,0	223,0	604,9	232,9	581,3	243,3	
7 °C	814,4	160,0	796,8	166,5	778,1	173,4	758,8	180,8	739,0	188,5	718,1	196,7	697,9	205,4	676,4	214,4	654,3	223,9	631,6	233,9	607,4	244,3	
8 °C	847,3	160,7	829,1	167,2	809,9	174,1	789,9	181,4	769,6	189,2	748,0	197,5	727,3	206,1	705,2	215,3	682,5	224,8	659,2	234,8	-	-	
9 °C	881,4	161,3	862,6	167,8	842,8	174,7	822,2	182,1	801,2	189,9	779,0	198,2	757,6	206,9	734,9	216,1	711,6	225,6	687,7	235,7	-	-	
10 °C	916,4	161,8	897,0	168,4	876,6	175,4	855,3	182,8	833,7	190,6	810,9	198,9	788,9	207,6	765,6	216,8	741,6	226,4	-	-	-	-	
11 °C	952,6	162,4	932,6	169,0	911,5	176,0	889,6	183,4	867,3	191,3	843,8	199,6	821,1	208,4	797,2	217,6	772,5	227,2	-	-	-	-	
12 °C	989,9	162,9	969,2	169,5	947,5	176,5	924,8	184,0	901,9	191,9	877,7	200,2	854,4	209,0	829,7	218,3	-	-	-	-	-	-	
13 °C	1.028,4	163,5	1.007,0	170,1	984,6	177,1	961,3	184,6	937,7	192,5	912,7	200,9	888,8	209,7	863,4	219,0	-	-	-	-	-	-	
14 °C	1.068,2	164,0	1.046,2	170,6	1.023,0	177,6	999,0	185,1	974,7	193,1	949,0	201,5	924,4	210,3	-	-	-	-	-	-	-	-	
15 °C	1.109,2	164,5	1.086,5	171,1	1.062,6	178,2	1.037,8	185,7	1.012,8	193,6	986,3	202,1	961,0	210,9	-	-	-	-	-	-	-	-	

N_e= Power input (kW) Kompresör mil gücüQ_c= Cooling capacity (kW) Soğutma kapasitesi

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																						
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	243,6	51,4	237,8	53,2	231,8	55,2	225,8	57,4	219,6	59,4	213,4	61,8	207,2	64,2	200,8	66,6	194,4	69,4	188,0	72,2	181,4	75,0
	7 °C	253,4	51,8	247,6	53,6	241,4	55,6	235,2	57,6	229,0	59,8	222,6	62,2	216,0	64,6	209,6	67,0	203,0	69,6	196,2	72,4	189,4	75,4
	8 °C	263,8	52,0	257,6	54,0	251,4	56,0	245,0	58,0	238,6	60,2	232,0	62,4	225,2	64,8	218,6	67,4	211,6	70,0	204,8	72,8	197,8	75,8
	9 °C	274,4	52,4	268,0	54,4	261,6	56,4	255,0	58,4	248,4	60,6	241,6	62,8	234,8	65,2	227,8	67,8	220,8	70,4	213,6	73,2	206,4	76,2
	10 °C	285,2	52,8	278,8	54,8	272,2	56,8	265,4	58,8	258,6	61,0	251,6	63,2	244,4	65,6	237,4	68,2	230,0	70,8	222,8	73,6	215,4	76,6
	11 °C	296,4	53,2	289,8	55,2	283,0	57,0	276,0	59,2	269,0	61,4	261,8	63,6	254,6	66,0	247,2	68,6	239,6	71,2	232,2	74,0	224,6	76,8
	12 °C	308,0	53,6	301,2	55,6	294,2	57,4	287,0	59,6	279,8	61,8	272,4	64,0	264,8	66,4	257,2	69,0	249,6	71,6	241,8	74,4	234,0	77,2
	13 °C	319,8	54,0	312,8	56,0	305,6	58,0	298,4	60,0	290,8	62,2	283,2	64,4	275,6	66,8	267,8	69,4	259,8	72,0	251,8	74,8	243,8	77,6
	14 °C	332,2	54,4	324,8	56,4	317,4	58,4	310,0	60,4	302,2	62,6	294,4	64,8	286,6	67,2	278,4	69,8	270,4	72,4	262,2	75,2	253,8	78,2
	15 °C	344,8	54,8	337,2	56,8	329,6	58,8	322,0	60,8	314,0	63,0	306,0	65,4	297,8	67,8	289,6	70,2	281,2	72,8	272,8	75,6	264,2	78,6
	6 °C	324,6	70,2	316,4	72,8	308,2	75,8	299,6	78,6	291,0	81,8	282,2	85,2	273,4	88,6	264,4	92,4	255,2	96,2	246,0	100,2	236,8	104,6
	7 °C	338,4	70,8	330,2	73,4	321,6	76,2	312,8	79,2	304,0	82,4	294,8	85,8	285,6	89,2	276,4	93,0	266,8	96,8	257,4	100,8	247,8	105,0
	8 °C	352,8	71,4	344,4	74,0	335,6	76,8	326,4	79,8	317,2	83,0	308,0	86,4	298,4	89,8	288,8	93,4	279,0	97,4	269,2	101,4	259,2	105,6
	9 °C	367,8	72,0	359,0	74,6	349,8	77,4	340,6	80,4	331,0	83,6	321,4	87,0	311,6	90,4	301,6	94,0	291,6	98,0	281,4	102,0	271,0	106,2
	10 °C	383,0	72,6	374,0	75,4	364,6	78,2	355,0	81,2	345,4	84,2	335,4	87,6	325,2	91,0	314,8	94,8	304,4	98,6	294,0	102,6	283,4	106,8
11 °C	399,0	73,4	389,6	76,0	380,0	78,8	370,0	81,8	360,0	85,0	349,6	88,2	339,2	91,8	328,6	95,4	317,8	99,2	307,0	103,2	296,0	107,6	
12 °C	416,0	74,0	406,0	76,8	395,8	79,6	385,6	82,4	375,2	85,6	364,6	89,0	353,8	92,4	342,8	96,0	331,6	99,8	320,4	104,0	309,0	108,2	
13 °C	432,0	74,8	422,0	77,4	412,0	80,2	402,0	83,2	390,8	86,4	379,8	89,6	368,8	93,2	357,4	96,8	346,0	100,6	334,4	104,6	-	-	
14 °C	450,0	75,6	440,0	78,2	428,0	81,0	418,0	84,0	406,0	87,2	395,6	90,4	384,2	93,8	372,4	97,4	360,6	101,4	348,6	105,4	-	-	
15 °C	468,0	76,4	456,0	79,0	446,0	81,8	434,0	84,8	424,0	87,8	412,0	91,2	400,0	94,6	388,0	98,2	375,8	102,0	-	-	-	-	
6 °C	424,0	91,0	416,0	94,4	406,0	98,0	396,4	101,6	386,4	105,6	375,8	109,8	365,0	114,4	354,0	119,0	342,8	124,2	331,2	129,6	319,4	135,6	
7 °C	442,0	91,8	434,0	95,2	424,0	98,8	414,0	102,6	402,0	106,4	392,0	110,6	381,0	115,0	369,6	119,8	358,0	125,0	346,2	130,4	-	-	
8 °C	460,0	92,6	450,0	96,0	440,0	99,6	430,0	103,4	420,0	107,2	408,0	111,4	397,4	115,8	385,6	120,6	373,8	125,6	361,4	131,2	-	-	
9 °C	480,0	93,6	470,0	97,0	460,0	100,6	448,0	104,2	438,0	108,2	426,0	112,2	414,0	116,6	402,0	121,4	390,0	126,4	-	-	-	-	
10 °C	498,0	94,6	488,0	98,0	478,0	101,4	466,0	105,0	456,0	109,0	444,0	113,0	432,0	117,4	420,0	122,2	406,0	127,2	-	-	-	-	
11 °C	518,0	95,6	508,0	98,8	498,0	102,4	486,0	106,0	474,0	109,8	462,0	114,0	450,0	118,2	438,0	123,0	-	-	-	-	-	-	
12 °C	538,0	96,6	528,0	99,8	516,0	103,2	506,0	106,8	494,0	110,6	482,0	114,8	468,0	119,0	456,0	123,6	-	-	-	-	-	-	
13 °C	560,0	97,6	548,0	100,8	538,0	104,2	526,0	107,8	514,0	111,6	500,0	115,6	488,0	119,8	-	-	-	-	-	-	-	-	
14 °C	582,0	98,6	570,0	101,8	558,0	105,2	546,0	108,8	534,0	112,4	520,0	116,4	508,0	120,8	-	-	-	-	-	-	-	-	
15 °C	604,0	99,8	592,0	103,0	580,0	106,2	568,0	109,8	554,0	113,4	542,0	117,4	-	-	-	-	-	-	-	-	-	-	

N_e= Power input (kW) Kompresör mil gücü

Q= Cooling capacity (kW) Soğutma kapasitesi

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																																
	24 °C			26 °C			28 °C			30 °C			32 °C			34 °C			36 °C			38 °C			40 °C			42 °C			44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	460,0	98,2	450,0	101,8	440,0	105,8	428,0	110,0	418,0	114,4	406,0	119,2	395,6	124,0	384,2	129,4	372,4	134,8	360,6	140,6	348,6	146,8	336,6	152,6	324,6	164,6	312,6	176,6	300,6	188,6	288,6	200,6
	7 °C	478,0	98,8	468,0	102,6	458,0	106,4	446,0	110,6	436,0	115,0	424,0	119,8	412,0	124,8	400,0	130,0	388,4	135,4	376,2	141,2	363,8	147,4	351,8	159,8	340,2	171,8	328,6	183,8	316,6	195,8	304,6	209,8
	8 °C	498,0	99,6	486,0	103,2	476,0	107,2	464,0	111,4	452,0	115,8	442,0	120,4	430,0	125,4	418,0	130,6	404,0	136,0	392,2	142,0	379,4	148,0	365,8	161,8	353,8	175,8	341,8	189,8	330,0	201,8	215,8	229,8
	9 °C	518,0	100,2	506,0	104,0	494,0	107,8	484,0	112,0	472,0	116,4	460,0	121,0	446,0	126,0	434,0	131,2	422,0	136,8	408,0	142,6	395,6	148,8	382,2	162,2	370,2	176,2	358,2	190,2	346,2	204,2	218,2	232,2
	10 °C	538,0	101,0	526,0	104,6	514,0	108,6	502,0	112,6	490,0	117,0	478,0	121,8	466,0	126,6	452,0	132,0	440,0	137,4	426,0	143,2	412,0	149,4	400,0	162,0	388,0	176,0	376,0	190,0	364,0	208,0	222,0	236,0
	11 °C	558,0	101,8	546,0	105,4	534,0	109,2	522,0	113,4	510,0	117,8	496,0	122,4	484,0	127,4	470,0	132,6	458,0	138,2	444,0	144,0	430,0	150,0	418,0	164,0	402,0	178,0	390,0	202,0	380,0	210,0	224,0	238,0
	12 °C	580,0	102,6	568,0	106,2	556,0	110,0	542,0	114,2	530,0	118,6	516,0	123,2	504,0	128,2	490,0	133,4	476,0	138,8	462,0	144,6	448,0	150,8	436,0	166,0	428,0	180,0	410,0	204,0	394,0	212,0	226,0	240,0
	13 °C	602,0	103,4	590,0	107,0	576,0	110,8	564,0	115,0	550,0	119,4	536,0	124,0	522,0	128,8	508,0	134,0	494,0	139,6	480,0	145,4	466,0	151,6	454,0	170,0	446,0	182,0	422,0	206,0	398,0	214,0	228,0	242,0
	14 °C	626,0	104,4	612,0	108,0	598,0	111,8	586,0	115,8	572,0	120,2	558,0	124,8	544,0	129,6	530,0	134,8	514,0	140,4	500,0	146,2	484,0	152,2	472,0	182,0	464,0	194,0	444,0	210,0	402,0	216,0	230,0	244,0
	15 °C	648,0	105,4	636,0	108,8	622,0	112,6	608,0	116,6	594,0	121,0	580,0	125,6	564,0	130,4	550,0	135,6	534,0	141,2	520,0	147,0	496,0	154,0	484,0	194,0	474,0	198,0	454,0	214,0	406,0	218,0	232,0	246,0
	6 °C	588,0	124,4	574,0	129,2	562,0	134,2	548,0	139,4	534,0	145,0	518,0	151,0	504,0	157,4	490,0	164,2	476,0	171,4	460,0	179,0	456,0	187,0	442,0	195,0	430,0	203,0	390,0	207,0	386,0	215,0	229,0	243,0
	7 °C	612,0	125,4	598,0	130,0	584,0	135,0	570,0	140,4	556,0	146,0	542,0	152,0	526,0	158,4	512,0	165,2	496,0	172,4	480,0	180,0	466,0	188,0	454,0	196,0	442,0	204,0	394,0	209,0	390,0	217,0	231,0	245,0
	8 °C	638,0	126,4	624,0	131,0	608,0	136,0	594,0	141,4	578,0	147,0	564,0	153,0	548,0	159,4	532,0	166,0	518,0	173,2	502,0	180,8	486,0	190,0	474,0	198,0	462,0	206,0	396,0	211,0	392,0	219,0	233,0	247,0
	9 °C	662,0	127,4	648,0	132,0	634,0	137,0	618,0	142,4	602,0	148,0	588,0	154,0	572,0	160,2	556,0	167,0	540,0	174,2	524,0	181,8	498,0	192,0	486,0	198,0	474,0	206,0	398,0	213,0	394,0	221,0	235,0	249,0
	10 °C	690,0	128,4	674,0	133,0	658,0	138,0	644,0	143,4	628,0	149,0	612,0	155,0	596,0	161,2	578,0	168,0	562,0	175,2	546,0	182,8	506,0	194,0	494,0	200,0	482,0	208,0	398,0	215,0	394,0	223,0	237,0	251,0
11 °C	716,0	129,6	702,0	134,2	686,0	139,2	670,0	144,4	652,0	150,0	636,0	156,0	620,0	162,2	602,0	169,0	586,0	176,2	568,0	183,8	514,0	196,0	502,0	202,0	490,0	210,0	398,0	217,0	394,0	225,0	239,0	253,0	
12 °C	744,0	130,6	728,0	135,2	712,0	140,2	696,0	145,4	680,0	151,0	662,0	157,0	644,0	163,4	628,0	170,0	610,0	177,2	592,0	184,8	522,0	198,0	510,0	204,0	498,0	212,0	398,0	219,0	394,0	227,0	241,0	255,0	
13 °C	774,0	131,8	758,0	136,4	740,0	141,2	724,0	146,6	706,0	152,2	688,0	158,0	670,0	164,4	652,0	171,2	634,0	178,2	606,0	188,2	530,0	200,0	518,0	206,0	506,0	214,0	398,0	221,0	394,0	229,0	243,0	257,0	
14 °C	804,0	133,0	786,0	137,6	770,0	142,4	752,0	147,6	734,0	153,2	716,0	159,2	698,0	165,4	680,0	172,2	660,0	179,2	626,0	190,2	538,0	202,0	526,0	208,0	514,0	216,0	398,0	223,0	394,0	231,0	245,0	259,0	
15 °C	834,0	134,2	816,0	138,8	800,0	143,6	782,0	148,8	762,0	154,4	744,0	160,2	726,0	166,6	706,0	173,2	686,0	182,2	646,0	194,2	546,0	204,0	534,0	210,0	522,0	218,0	398,0	225,0	394,0	233,0	247,0	261,0	
6 °C	670,0	142,6	654,0	148,0	638,0	153,4	624,0	159,4	608,0	165,6	592,0	172,2	576,0	179,4	560,0	186,8	544,0	194,6	528,0	203,0	512,0	212,0	500,0	220,0	488,0	228,0	398,0	231,0	394,0	235,0	249,0	263,0	
7 °C	696,0	143,8	682,0	149,0	666,0	154,6	650,0	160,4	634,0	166,6	618,0	173,4	600,0	180,4	584,0	187,8	568,0	195,8	552,0	204,0	536,0	213,0	524,0	222,0	512,0	230,0	398,0	233,0	394,0	237,0	251,0	265,0	
8 °C	726,0	144,8	710,0	150,0	694,0	155,6	676,0	161,4	660,0	167,8	644,0	174,4	626,0	181,4	610,0	188,8	592,0	196,8	576,0	205,2	558,0	214,0	546,0	222,0	534,0	230,0	398,0	235,0	394,0	241,0	255,0	269,0	
9 °C	754,0	146,0	738,0	151,2	722,0	156,8	704,0	162,6	688,0	168,8	670,0	175,4	652,0	182,4	636,0	190,0	618,0	197,8	600,0	206,2	584,0	215,0	574,0	224,0	562,0	232,0	398,0	237,0	394,0	243,0	257,0	271,0	
10 °C	786,0	147,2	768,0	152,4	750,0	157,8	734,0	163,6	716,0	170,0	698,0	176,6	680,0	183,6	662,0	191,0	644,0	199,0	626,0	207,2	606,0	216,2	594,0	224,0	582,0	232,0	398,0	239,0	394,0	245,0	259,0	273,0	
11 °C	816,0	148,4	798,0	153,6	782,0	159,0	764,0	164,8	746,0	171,0	726,0	177,6	708,0	184,6	690,0	192,2	672,0	200,0	652,0	208,4	634,0	217,2	622,0	224,0	610,0	232,0	398,0	241,0	394,0	247,0	261,0	275,0	
12 °C	848,0	149,6	830,0	154,8	812,0	160,2	794,0	166,0	776,0	172,2	756,0	178,8	738,0	185,8	718,0	193,2	700,0	201,2	680,0	209,4	660,0	218,4	648,0	226,0	626,0	234,0	398,0	243,0	394,0	249,0	263,0	277,0	
13 °C	882,0	150,8	864,0	156,0	844,0	161,4	826,0	167,2	806,0	173,4	786,0	180,0	768,0	187,0	748,0	194,4	728,0	202,2	708,0	210,6	688,0	219,4	670,0	228,0	648,0	236,0	398,0	245,0	394,0	251,0	265,0	279,0	
14 °C	916,0	152,2	896,0	157,2	878,0	162,8	858,0	168,4	838,0	174,6	818,0	181,2	798,0	188,2	778,0	195,6	758,0	203,4	738,0	211,8	718,0	220,6	700,0	228,0	670,0	238,0	398,0	247,0	394,0	253,0	267,0	281,0	
15 °C	950,0	153,6	932,0	158,6	912,0	164,0	892,0	169,8	872,0	175,8	850,0	182,4	830,0	189,4	810,0	196,8	788,0	204,6	768,0	212,8	748,0	222,0	730,0	230,0	700,0	240,0	398,0	249,0	394,0	255,0	269,0	283,0	

N_p= Power input (kW) Kompresör mil gücü

Q= Cooling capacity (kW) Soğutma kapasitesi

Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																						
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	796,0	166,4	778,0	172,6	758,0	179,4	740,0	186,4	720,0	194,0	700,0	201,8	680,0	210,2	658,0	218,8	638,0	227,8	616,0	237,0	594,0	246,8
	7 °C	828,0	167,4	810,0	173,6	790,0	180,2	770,0	187,4	750,0	195,0	730,0	202,8	708,0	211,2	688,0	219,8	666,0	228,8	644,0	238,2	622,0	247,8
	8 °C	862,0	168,2	842,0	174,6	822,0	181,2	802,0	188,4	782,0	195,8	760,0	203,8	738,0	212,2	716,0	220,8	694,0	229,8	672,0	239,2	650,0	249,0
	9 °C	896,0	169,2	876,0	175,4	856,0	182,0	836,0	189,2	814,0	196,8	792,0	204,8	770,0	213,0	748,0	221,8	724,0	230,8	702,0	240,2	678,0	250,0
	10 °C	932,0	170,2	912,0	176,4	890,0	183,0	870,0	190,0	848,0	197,6	824,0	205,6	802,0	214,0	778,0	222,8	756,0	231,8	732,0	241,4	706,0	251,0
	11 °C	968,0	171,2	948,0	177,2	926,0	183,8	904,0	191,0	882,0	198,4	858,0	206,4	834,0	214,8	810,0	223,6	786,0	232,8	762,0	242,4	736,0	252,2
	12 °C	1.006,0	172,0	984,0	178,0	962,0	184,6	940,0	191,8	916,0	199,2	892,0	207,2	868,0	215,8	844,0	224,6	820,0	233,8	794,0	243,2	768,0	253,2
	13 °C	1.044,0	173,0	1.022,0	179,0	1.000,0	185,4	976,0	192,4	952,0	200,0	928,0	208,0	904,0	216,6	878,0	225,4	852,0	234,6	826,0	244,2	800,0	254,2
	14 °C	1.084,0	174,0	1.062,0	179,8	1.038,0	186,2	1.014,0	193,2	990,0	200,8	964,0	208,8	940,0	217,4	914,0	226,2	886,0	235,6	860,0	245,2	-	-
	15 °C	1.124,0	174,8	1.102,0	180,6	1.078,0	187,0	1.054,0	193,8	1.028,0	201,4	1.002,0	209,4	976,0	218,0	950,0	227,0	922,0	236,4	894,0	246,0	-	-
	6 °C	922,0	188,8	902,0	195,6	882,0	202,6	862,0	210,0	840,0	217,6	816,0	225,4	794,0	233,8	770,0	242,6	746,0	251,8	722,0	261,8	698,0	272,2
	7 °C	960,0	190,2	940,0	197,0	920,0	204,0	898,0	211,2	876,0	218,8	852,0	226,8	828,0	235,2	804,0	244,0	778,0	253,2	754,0	263,0	728,0	273,4
	8 °C	1.000,0	191,4	980,0	198,4	958,0	205,4	936,0	212,6	912,0	220,2	888,0	228,2	864,0	236,6	838,0	245,4	812,0	254,6	786,0	264,4	760,0	274,8
	9 °C	1.042,0	192,8	1.020,0	199,8	998,0	206,8	974,0	214,0	950,0	221,6	926,0	229,6	900,0	238,0	874,0	246,8	848,0	256,0	820,0	265,8	-	-
	10 °C	1.084,0	194,4	1.062,0	201,2	1.038,0	208,2	1.014,0	215,6	1.000,0	223,2	964,0	231,2	938,0	239,4	910,0	248,2	884,0	257,6	856,0	267,4	-	-
11 °C	1.126,0	195,8	1.104,0	202,8	1.082,0	209,8	1.056,0	217,0	1.030,0	224,8	1.004,0	232,6	976,0	241,0	948,0	249,8	920,0	259,0	892,0	268,8	-	-	
12 °C	1.172,0	197,4	1.148,0	204,4	1.124,0	211,4	1.100,0	218,6	1.072,0	226,4	1.046,0	234,2	1.018,0	242,6	988,0	251,4	958,0	260,6	-	-	-	-	
13 °C	1.218,0	199,0	1.194,0	206,0	1.170,0	213,0	1.144,0	220,4	1.116,0	228,0	1.088,0	236,0	1.058,0	244,2	1.028,0	253,0	998,0	262,4	-	-	-	-	
14 °C	1.266,0	200,8	1.242,0	207,8	1.216,0	214,8	1.188,0	222,2	1.160,0	229,8	1.132,0	237,6	1.102,0	246,0	1.070,0	254,8	-	-	-	-	-	-	
15 °C	1.314,0	202,6	1.290,0	209,6	1.264,0	216,6	1.236,0	224,0	1.206,0	231,6	1.176,0	239,6	1.146,0	247,8	1.114,0	256,6	-	-	-	-	-	-	
6 °C	1.058,0	216,0	1.036,0	224,4	1.014,0	233,2	990,0	242,6	966,0	252,2	944,0	262,2	918,0	272,8	894,0	283,6	870,0	295,0	844,0	306,6	818,0	318,8	
7 °C	1.100,0	217,4	1.078,0	225,8	1.054,0	234,6	1.030,0	243,8	1.006,0	253,6	982,0	263,6	958,0	274,2	932,0	285,2	906,0	296,6	880,0	308,2	854,0	320,4	
8 °C	1.144,0	218,6	1.120,0	227,2	1.096,0	236,0	1.072,0	245,2	1.048,0	255,0	1.022,0	265,2	998,0	275,6	972,0	286,6	946,0	298,0	918,0	309,8	892,0	322,0	
9 °C	1.190,0	220,0	1.166,0	228,4	1.140,0	237,4	1.116,0	246,6	1.090,0	256,4	1.064,0	266,6	1.038,0	277,2	1.012,0	288,2	984,0	299,6	958,0	311,4	930,0	323,8	
10 °C	1.236,0	221,4	1.210,0	229,8	1.186,0	238,6	1.160,0	248,0	1.134,0	257,8	1.108,0	268,0	1.080,0	278,6	1.054,0	289,6	1.026,0	301,2	998,0	313,0	-	-	
11 °C	1.284,0	222,6	1.258,0	231,2	1.232,0	240,0	1.206,0	249,4	1.178,0	259,2	1.152,0	269,4	1.124,0	280,0	1.096,0	291,2	1.068,0	302,6	1.038,0	314,6	-	-	
12 °C	1.332,0	224,0	1.306,0	232,4	1.280,0	241,4	1.252,0	250,8	1.226,0	260,6	1.198,0	270,8	1.168,0	281,6	1.140,0	292,6	1.110,0	304,2	-	-	-	-	
13 °C	1.384,0	225,2	1.356,0	233,8	1.330,0	242,8	1.302,0	252,2	1.274,0	262,0	1.244,0	272,2	1.216,0	283,0	1.186,0	294,2	1.156,0	305,8	-	-	-	-	
14 °C	1.436,0	226,6	1.408,0	235,2	1.380,0	244,0	1.352,0	253,4	1.322,0	263,4	1.292,0	273,6	1.262,0	284,4	1.232,0	295,6	1.202,0	307,2	-	-	-	-	
15 °C	1.490,0	228,0	1.462,0	236,4	1.432,0	245,4	1.402,0	254,8	1.374,0	264,8	1.342,0	275,0	1.312,0	285,8	1.280,0	297,0	-	-	-	-	-	-	

N_e= Power input (kW) Kompresör mil gücü

Q= Cooling capacity (kW) Soğutma kapasitesi

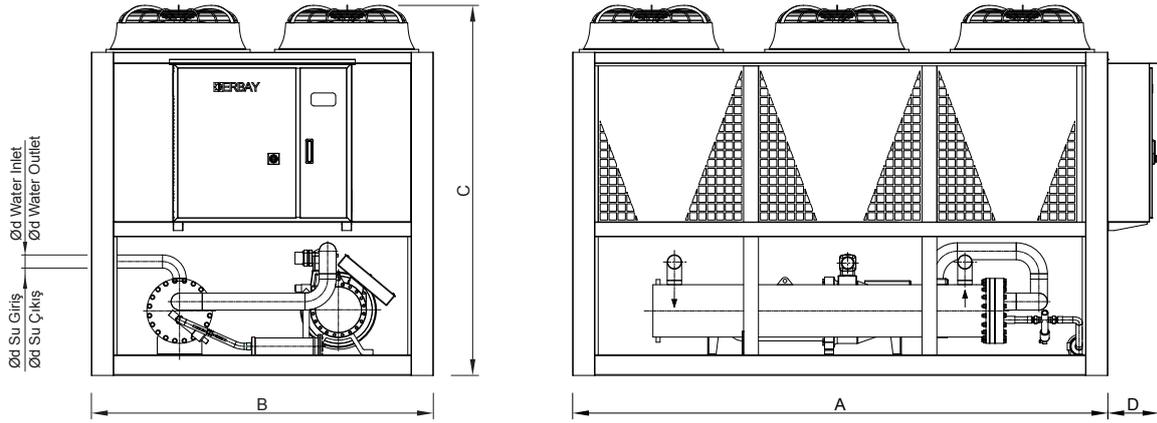
Capacity Table (kW) Kapasite Tablosu

R134A

TYPE CİHAZ TİPİ	CONDENSER ENTERING AIR TEMP. / KONDENSERE HAVA GİRİŞ SICAKLIĞI																						
	24 °C		26 °C		28 °C		30 °C		32 °C		34 °C		36 °C		38 °C		40 °C		42 °C		44 °C		
	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	Q	No	
CHILLED WATER LEAVING SU ÇIKIŞI	6 °C	1.202,0	244,2	1.176,0	253,8	1.152,0	263,6	1.126,0	274,2	1.098,0	285,0	1.072,0	296,4	1.044,0	308,4	1.016,0	320,6	988,0	333,4	960,0	346,6	930,0	360,4
	7 °C	1.250,0	245,8	1.224,0	255,2	1.198,0	265,2	1.172,0	275,8	1.144,0	286,6	1.116,0	298,0	1.088,0	310,0	1.060,0	322,4	1.030,0	335,2	1.000,0	348,4	972,0	362,2
	8 °C	1.300,0	247,2	1.274,0	256,8	1.246,0	266,8	1.218,0	277,2	1.190,0	288,2	1.162,0	299,8	1.134,0	311,6	1.104,0	324,0	1.074,0	337,0	1.044,0	350,2	1.012,0	364,2
	9 °C	1.352,0	248,6	1.324,0	258,2	1.296,0	268,2	1.268,0	278,8	1.238,0	289,8	1.210,0	301,4	1.180,0	313,4	1.150,0	325,8	1.118,0	338,6	1.088,0	352,2	1.056,0	366,0
	10 °C	1.404,0	250,2	1.376,0	259,8	1.348,0	269,8	1.318,0	280,4	1.288,0	291,4	1.258,0	303,0	1.228,0	315,0	1.196,0	327,4	1.166,0	340,4	1.134,0	354,0	-	-
	11 °C	1.458,0	251,6	1.430,0	261,2	1.400,0	271,4	1.370,0	282,0	1.340,0	293,0	1.308,0	304,6	1.278,0	316,6	1.246,0	329,2	1.212,0	342,2	1.180,0	355,6	-	-
	12 °C	1.514,0	253,2	1.484,0	262,8	1.454,0	272,8	1.424,0	283,4	1.392,0	294,6	1.360,0	306,2	1.328,0	318,2	1.296,0	330,8	1.262,0	344,0	-	-	-	-
	13 °C	1.572,0	254,6	1.542,0	264,2	1.510,0	274,4	1.478,0	285,0	1.446,0	296,2	1.414,0	307,8	1.380,0	319,8	1.348,0	332,4	1.312,0	345,6	-	-	-	-
	14 °C	1.632,0	256,2	1.600,0	265,8	1.568,0	276,0	1.536,0	286,6	1.502,0	297,8	1.470,0	309,4	1.434,0	321,6	1.400,0	334,2	-	-	-	-	-	-
	15 °C	1.692,0	257,6	1.660,0	267,4	1.628,0	277,4	1.594,0	288,0	1.560,0	299,2	1.526,0	311,0	1.490,0	323,2	1.456,0	335,8	-	-	-	-	-	-
	6 °C	1.418,0	301,0	1.388,0	312,4	1.358,0	324,2	1.326,0	336,4	1.294,0	349,0	1.264,0	362,0	1.230,0	375,6	1.198,0	389,8	1.166,0	404,0	1.132,0	420,0	1.098,0	436,0
	7 °C	1.476,0	303,0	1.444,0	314,6	1.414,0	326,4	1.382,0	338,6	1.350,0	351,2	1.316,0	364,4	1.284,0	378,0	1.250,0	392,2	1.216,0	406,0	1.180,0	422,0	1.146,0	438,0
	8 °C	1.536,0	305,0	1.504,0	316,6	1.472,0	328,6	1.438,0	340,8	1.404,0	353,6	1.372,0	366,8	1.336,0	380,4	1.302,0	394,6	1.268,0	410,0	1.232,0	424,0	1.196,0	442,0
	9 °C	1.596,0	307,0	1.564,0	318,8	1.530,0	330,8	1.496,0	343,2	1.462,0	356,0	1.428,0	369,2	1.392,0	382,8	1.356,0	397,2	1.320,0	412,0	1.284,0	428,0	1.246,0	444,0
	10 °C	1.660,0	309,0	1.626,0	321,0	1.592,0	333,2	1.558,0	345,6	1.522,0	358,4	1.486,0	371,8	1.450,0	385,4	1.412,0	399,8	1.376,0	414,0	1.338,0	430,0	-	-
11 °C	1.724,0	311,0	1.690,0	323,0	1.654,0	335,4	1.620,0	348,0	1.582,0	361,0	1.546,0	374,2	1.508,0	388,0	1.470,0	402,0	1.432,0	418,0	1.394,0	432,0	-	-	
12 °C	1.792,0	313,0	1.756,0	325,2	1.720,0	337,8	1.684,0	350,4	1.646,0	363,4	1.608,0	376,8	1.570,0	390,6	1.530,0	406,0	1.490,0	420,0	-	-	-	-	
13 °C	1.860,0	315,0	1.824,0	327,6	1.788,0	340,2	1.750,0	353,0	1.710,0	366,0	1.672,0	379,4	1.632,0	393,4	1.592,0	408,0	1.552,0	422,0	-	-	-	-	
14 °C	1.932,0	317,0	1.894,0	329,8	1.856,0	342,6	1.818,0	355,4	1.778,0	368,6	1.738,0	382,2	1.696,0	396,0	1.656,0	410,0	-	-	-	-	-	-	
15 °C	2.006,0	319,0	1.966,0	332,0	1.928,0	345,0	1.888,0	358,0	1.846,0	371,2	1.806,0	384,8	1.764,0	398,8	1.720,0	414,0	-	-	-	-	-	-	
6 °C	1.565,0	318,8	1.530,8	331,6	1.494,8	345,4	1.457,0	360,0	1.418,8	375,6	1.378,0	391,8	1.338,8	409,0	1.297,0	427,2	1.254,0	446,0	1.209,8	465,8	1.162,6	486,6	
7 °C	1.628,8	320,0	1.593,6	333,0	1.556,2	346,8	1.517,6	361,6	1.478,0	377,0	1.436,2	393,4	1.395,8	410,8	1.352,8	428,8	1.308,6	447,8	1.263,2	467,8	1.214,8	488,6	
8 °C	1.694,6	321,4	1.658,2	334,4	1.619,8	348,2	1.579,8	362,8	1.539,2	378,4	1.496,0	395,0	1.454,6	412,2	1.410,4	430,6	1.365,0	449,6	1.318,4	469,6	-	-	
9 °C	1.762,8	322,6	1.725,2	335,6	1.685,6	349,4	1.644,4	364,2	1.602,4	379,8	1.558,0	396,4	1.515,2	413,8	1.469,8	432,2	1.423,2	451,2	1.375,4	471,4	-	-	
10 °C	1.832,8	323,6	1.794,0	336,8	1.753,2	350,8	1.710,6	365,6	1.667,4	381,2	1.621,8	397,8	1.577,8	415,2	1.531,2	433,6	1.483,2	452,8	-	-	-	-	
11 °C	1.905,2	324,8	1.865,2	338,0	1.823,0	352,0	1.779,2	366,8	1.734,6	382,6	1.687,6	399,2	1.642,2	416,8	1.594,4	435,2	1.545,0	454,4	-	-	-	-	
12 °C	1.979,8	325,8	1.938,4	339,0	1.895,0	353,0	1.849,6	368,0	1.803,8	383,8	1.755,4	400,4	1.708,8	418,0	1.659,4	436,6	-	-	-	-	-	-	
13 °C	2.056,8	327,0	2.014,0	340,2	1.969,2	354,2	1.922,6	369,2	1.875,4	385,0	1.825,4	401,8	1.777,6	419,4	1.726,8	438,0	-	-	-	-	-	-	
14 °C	2.136,4	328,0	2.092,4	341,2	2.046,0	355,2	1.998,0	370,2	1.949,4	386,2	1.898,0	403,0	1.848,8	420,6	-	-	-	-	-	-	-	-	
15 °C	2.218,4	329,0	2.173,0	342,2	2.125,2	356,4	2.075,6	371,4	2.025,6	387,2	1.972,6	404,2	1.922,0	421,8	-	-	-	-	-	-	-	-	

N_c= Power input (kW) Kompresör mil gücüQ_c= Cooling capacity (kW) Soğutma kapasitesi

Dimensions *Boyutlar*



Type Cihaz Tipi	EBHV - 113A.1	EBHV - 150A.1	EBHV - 185A.1	EBHV - 220A.1	EBHV - 275A.1	EBHV - 330A.1	EBHV - 360A.1	EBHV - 420A.1	EBHV - 490A.1	EBHV - 560A.1	EBHV - 630A.1	EBHV - 695A.1
A	1300	1300	1300	2400	2400	3600	3600	3600	3600	4800	4800	4800
B	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
C	2555	2555	2555	2555	2690	2690	2690	2690	2690	2690	2690	2790
D	375	375	375	375	375	375	375	375	375	425	425	425
d	DN65	DN80	DN100	DN100	DN125	DN125	DN125	DN125	DN150	DN150	DN150	DN200

CLEARANCES OF UNIT / CİHAZ YERLEŞİM ÖLÇÜSÜ

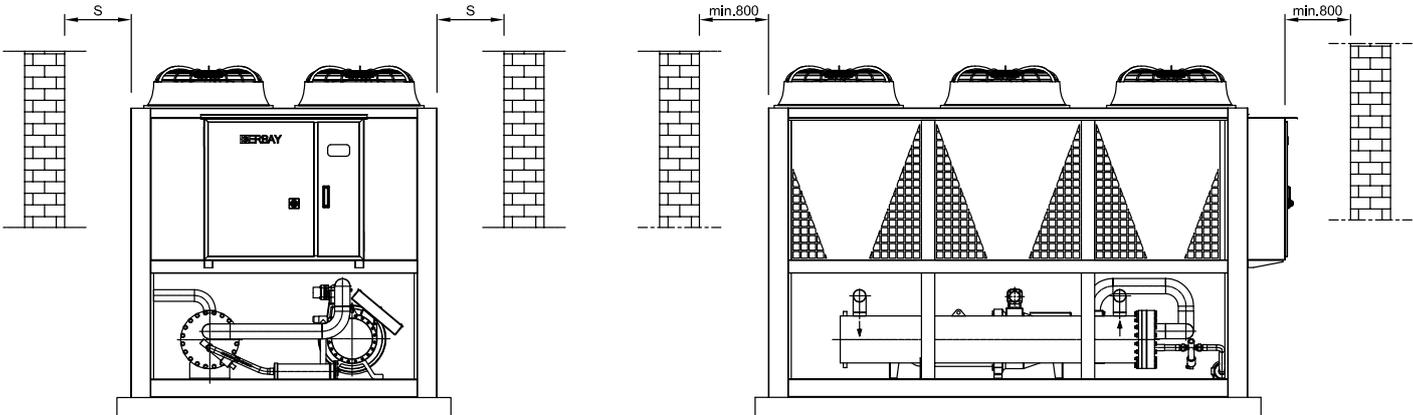
S	1000	1000	1000	1100	1100	1200	1200	1200	1200	1300	1300	1300
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Type Cihaz Tipi	EBHV - 113A.2	EBHV - 150A.2	EBHV - 185A.2	EBHV - 220A.2	EBHV - 275A.2	EBHV - 330A.2	EBHV - 360A.2	EBHV - 420A.2	EBHV - 490A.2	EBHV - 560A.2	EBHV - 630A.2	EBHV - 695A.2
A	2400	2400	2400	4800	4800	7200	7200	7200	7200	9600	9600	9600
B	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
C	2555	2555	2555	2555	2690	2690	2690	2690	2690	2690	2690	2790
D	375	375	375	425	425	425	425	425	425	425	425	425
d	DN100	DN125	DN125	DN150	DN150	DN200	2 x DN125	2x DN150	2x DN150	2x DN150	2 x DN200	2 x DN200

CLEARANCES OF UNIT / CİHAZ YERLEŞİM ÖLÇÜSÜ

S	1100	1100	1100	1300	1300	1500	1500	1500	1500	1800	1800	1800
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Clearances *Cihaz Yerleşimi*



Note : We reserve the right to make changes in dimensions and design at any time, without notice
 Not : Ölçü ve dizayn değiştirme hakkımız mahfuzdur.