



GENERAL BROCHURE



About Us

As Eraco Cooling, we started production activities in 2013 in an area of 150m² in Istanbul. From the first years, our goal was to create a brand in Turkey on chiller devices and to market it all over the world. This adventure, which started with 4 people, continues today with more than 200 people and 3 factories with a total area of 22.000 square meters.

Our Mission

To be a leader in the production and technical support of Air Conditioning and Industrial Process Cooling devices, to be the first company that comes to mind when it comes to chiller and industrial cooling system, customer-oriented, followed by competitors.

Our Vision

To be able to standardize the Air Conditioning and Industrial Process Cooling devices (chiller, dry cooler...etc.) that customers need at the desired level and to continue to provide continuous, high quality and most affordable service.



Enthalpy Performance Room

Thanks to the solutions offered by the ERACO Enthalpy performance test room, people can achieve the best thermal comfort configuration in everyday life. Process cooling and heating solutions are of great interest worldwide. Thanks to the wide range of products, we are able to serve customers in various application areas. We are the industry leader in air-cooled and water-cooled cooling systems. We endeavour to develop customised solutions to suit the application requirements. We have the opportunity to share our performance with our customers through control tests in all conditions.

Products

Air Cooled Chillers



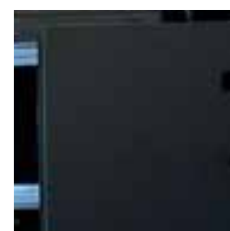
Water Cooled Chillers



Condenserless Chillers



Condensing Units



Heat Pumps



Remote Condenser



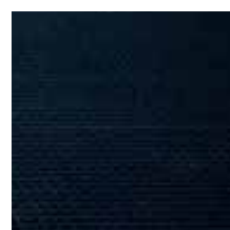
Special Solutions



Enthalpy Selection Tool



Enthalpy Test Rooms



Icon Definitions

	EAC Certificate		60 Hz
	CE Certificate		Shell and Tube
	UL Certificate		Plate Heat Exchanger
	Cooling Only		Resistance
	Heating Only		High Efficiency Version
	Heatpump (V3)		Silent High Efficiency Version
	Hermetic Scroll Compressor		Touch Screen
	Semi Hermetic Twin Screw Compressor		Led Screen
	Rotary Compressor		Pump Kit
	R410A Refrigerant		Water Tank
	R454B Refrigerant		Water
	R513A Refrigerant		GSM/ GPRS/ TCP- IP Connection
	R134A Refrigerant		
	R507A Refrigerant		
	Microchannel		
	Copper Aluminium		
	Free-Cooling		
	Axial Fan		
	EC Fan		
	Inverter		

Air Cooled Chillers & Heat Pumps

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 250	500	1000	1500	2000	2600
				(RT) 100	200	300	400	500	700
EAS		Scroll Compressor(s)	R410A	78-1151					
			R454B	78-940					
EAS.HK		Scroll Compressor(s)	R410A	2-255					
			R454B	19-208					
EAS.VI+1		Inverter Scroll Compressor(s)	R410A	69-871					
			R513A	68-722					
EAW.VI+1		Inverter Screw Compressor(s)	R134A	343-1626					
			R513A	352-1579					
EAW		Screw Compressor(s)	R134A	449-2083					
			R513A	468-1818					

■ Cooling Capacity in kW
 ■ Heating Capacity in kW
 ■ Cooling Capacity in RT
 ■ Heating Capacity in RT

Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
 Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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 For more technical data, please contact our Sales Team:
exportsalesgroup@eracochillers.com - turkiyesatisgrubu@eracochillers.com

Free Cooling Chillers

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
EAS.FC		Scroll Compressor(s)	R410A	(RT) 100	200	300	400	500	700
			R454B						
EAW.FC		Screw Compressor(s)	R134A						
			R513A						
EAW.DC.FC.VI+1		Inverter Scroll Compressor(s)	R134A						
			R513A						

Cooling Capacity in kW

Cooling Capacity in RT

Condenserless Chillers

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
EAS.CC		Scroll Compressor(s)	R410A	(RT) 50	150	300	450	600	750
			R454B						
EAW.CC		Screw Compressor(s)	R134A						
			R513A						

Cooling Capacity in kW

Cooling Capacity in RT

Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
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Laser Chiller

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 5	15	30	45	60	75
LSR		Scroll Compressor(s)	R410A	(RT) 5	10	15	20	25	30

 Cooling Capacity in kW
  Cooling Capacity in RT

Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
 Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C

Low Temperature Chillers

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
EAS.LT		Scroll Compressor(s)	R410A	(RT) 50	150	300	450	600	750
			R410A						
EAS.HK.LT		Scroll Compressor(s)	R410A						
			R410A						
EAW.LT		Screw Compressor(s)	R507A						
			R507A						

 Cooling Capacity in kW
  Cooling Capacity in RT

Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
 Internal exchanger water temperature = 9/4°C; Outdoor heat exchanger inlet air temperature = 35°C
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Remote Condenser

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
COR		-	-	(RT) 50	150	300	450	600	750

 Cooling Capacity in kW  Cooling Capacity in RT

Condensing Unit

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
CUA		Scroll Compressor(s)	R410A	(RT) 50	150	300	450	600	750

 Cooling Capacity in kW  Cooling Capacity in RT

Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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Water Cooled Chillers

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
				(RT) 50	150	300	450	600	750
EWS		Scroll Compressor(s)	R410A	44-1255					
			R454B	12-356					
EWS.HK		Scroll Compressor(s)	R410A	43-1022					
			R454B	12-290					
EWS.VI+1		Inverter Scroll Compressor(s)	R410A	9-172					
			R454B	2-48					
EWS.VI+1		Inverter Scroll Compressor(s)	R410A	21-140					
			R454B	5-39					
EWS.VI+1		Inverter Scroll Compressor(s)	R410A	76-392					
			R454B	21-111					
EWS.VI+1		Inverter Scroll Compressor(s)	R410A	74-330					
			R454B	21-93					
EWW		Screw Compressor(s)	R134A	527-2369					
			R513A	149-673					
EWW		Screw Compressor(s)	R134A	553-2084					
			R513A	157-592					
EWW.VI+1		Inverter Screw Compressor(s)	R134A	394-1833					
			R513A	110-521					
EWW.VI+1		Inverter Screw Compressor(s)	R134A	408-1807					
			R513A	116-513					

Cooling Capacity in kW

Cooling Capacity in RT

Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
 Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet water temperature = 30°C
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Dry Coolers

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 50	500	1000	1500	2000	2600
				(RT) 50	150	300	450	600	750
ER.FCV			Water	147-1832					
				41-520					

 Cooling Capacity in kW
  Cooling Capacity in RT

Mold Temperature Unit

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 5	15	30	45	60	75
				(RT) 5	10	15	20	25	30
KSI		-	-	26-70					
				6-24					
				7-19					
				1-6					

Cooling Capacity in kW

Heating Capacity in kW

Cooling Capacity in RT

Heating Capacity in RT

Extruder Film Inflation Coolers

Model	Picture	Compressor Type	Refrigerant	Capacity					
				(kW) 5	10	20	30	40	50
				(RT) 5	10	15	30	40	50
ER.IC			Water	16-48					
				4-13					

Cooling Capacity in kW

Cooling Capacity in RT

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EAS

Cooling Capacity: 78.5-1151.8kW (R410A)
Cooling Capacity: 78-940.6 kW (R454B)
Heat Pump Version-V3: (Cooling 72.3-875.9 kW/ Heating Capacity: 79.8-947.5 kW)
Water(Evap) Regime: 4 °C to 20 °C

- 1 to 9 high-efficiency scroll compressors and 1 to 3 independent refrigeration circuits
- Standard V-type microchannel condenser; Cu-Al condenser configuration included in heat pump versions
- Shell & tube evaporator for optimal heat exchange performance
- Thermostatic (TEV) and electronic expansion valves(EEV) for precise refrigerant control
- Standard axial AC fans, with optional EC or variable speed drive (VSD) fan configurations
- Ambient operating temperature range: 0°C to +53°C (extended down to -40°C with optional Low Temperature Kit – LTK)
- Optional FS/FI(VSD Fan) also enables to operation down to -12C Ambient.
- Optional protective coil coating for enhanced durability in corrosive environments
- Optional compatibility with Building Management Systems (BMS) via Modbus, LonWorks or BACnet protocols
- Optional UL Listed MCC&DDC Cabinet and Optional 60Hz is available



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OPTIONAL



EAS	* V0	* V1	* V2	* V3	» V3	* V4
812	78,5	78,0	83,0	72,3	79,8	94,8
1102	106,1	104,0	112,2	97,9	108,3	128,0
1342	129,9	127,9	137,3	119,8	131,6	156,2
1684	157,0	156,0	166,1	144,7	159,6	189,6
2184	212,4	208,0	224,4	195,7	216,6	255,9
2684	259,9	255,8	274,6	239,6	263,2	312,4
3354	324,8	322,6	343,2	299,3	330,8	393,0
4354	421,9	418,0	444,8	389,3	421,1	511,9
5026	487,2	483,8	514,9	449,0	496,3	589,6
6526	632,8	627,1	667,2	583,9	631,7	767,9
7539	730,8	725,8	772,3	673,5	744,4	884,3
9799	949,2	940,6	1.000,8	875,9	947,5	1.151,8

* Cooling Capacity

» Heating Capacity

V0 : EAS Standard Version with R410A Refrigerant
V1 : EAS R454B Refrigerant Version
V2 : EAS R410A Refrigerant High Efficiency Version
V3 : EAS R410A Refrigerant Heat Pump Version
V4 : EAS R410A Refrigerant 60 Hz Version



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EAS.HK

Cooling Capacity: 2.4-255.9 kW (R410A)

Cooling Capacity: 19.8-208 kW (R454B)

Heat Pump Version-V3: (Cooling 14.7-195.7 kW/ Heating Capacity: 16.1-216.6 kW)

Water(Evap) Regime: 4 °C to 20 °C

- 1 to 4 Scroll Compressors(Danfoss), with 1 or 2 refrigeration circuits
- Standard Microchannel condensers(Danfoss) in straight or V-type configuration
- Shell & Tube or Plate-type evaporator
- (TEV) Thermostatic and electronic expansion valves (EEV)
- Standard axial AC fan, with optional EC fan or variable speed drive (VSD) fan configuration
- Optional FS(VSD Fan) also enables to operation down to -12C Ambient.
- Cu-Al condenser provided as standard in heat pump configurations.
- Standard Integrated high-efficiency hydronic module including water pump and buffer tank.
- Weather-resistant construction suitable for outdoor installation
- User-friendly control panel with digital display.
- Ambient Temperature Range 0°C ~ +53°C (extended down to -40°C with optional Low Temperature Kit – LTK)
- Optional UL Listed MCC&DDC Cabinet and Optional 60Hz is available.



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OPTIONAL



EAS.HK	✱ V0	✱ V1	✱ V2	✱ V3	🔥 V3	✱ V4
21	2,4	-	2,5	-	-	-
51	4,8	-	5,1	-	-	-
91	9,0	-	9,5	-	-	10,6
161	15,9	15,1	16,8	14,7	16,1	18,9
191	18,3	17,3	19,3	16,9	18,5	21,7
211	20,1	19,8	21,3	18,6	20,6	24,4
281	26,9	26,9	28,5	24,8	27,6	32,5
321	30,6	30,6	32,2	28,2	31,1	36,9
422	40,3	39,6	42,6	37,1	41,2	48,7
562	53,9	53,7	56,9	49,7	55,1	65,0
632	61,1	61,2	64,5	56,4	62,1	73,8
812	78,5	78,0	83,0	72,3	79,8	94,8
1102	106,2	104,0	112,2	97,9	108,3	128,0
1342	129,9	127,9	137,3	119,8	131,6	156,2
1684	157,0	156,0	166,1	144,7	159,6	189,6
2184	212,4	208,0	224,4	195,7	216,6	255,9

❄ Cooling Capacity

Heating Capacity

VO : EAS.HK Standard Version with R410A Refrigerant

V1 : EAS.HK R454B Refrigerant Version

V2 : EAS.HK R410A Refrigerant High Efficiency Version

V3 : EAS.HK R410A Refrigerant Heat Pump Version

V4 : EAS.HK R410A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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EAS.VI+1

Cooling Capacity: 69.1-871.3 kW (R410A)

Cooling Capacity: 68.7-722.8 kW (R454B)

Water(Evap) Regime: 4 °C to 20 °C

- 2 to 8 inverter scroll compressors, operating across 1 to 4 independent refrigeration circuits. This allows for precise capacity control and enhanced efficiency.
- Features a V-type microchannel condenser for high efficiency and compact design.
- Equipped with a Shell & Tube evaporator for robust and efficient heat exchange.
- Includes electronic expansion valves (EEV) for accurate refrigerant flow control, optimizing system performance across varying loads.
- Comes standard with axial AC fans, with the option for EC (electronically commutated) fans for improved energy efficiency and quieter operation.



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OPTIONAL



EAS.VI+1	* V0	* V1	* V2	* V4
712	69,1	68,7	72,8	74,4
1992	95,5	95,8	100,5	103,4
1354	130,2	129,9	137,2	148,3
1804	174,0	173,8	183,6	198,2
2084	201,7	199,7	212,7	231,3
2664	257,9	257,0	272,1	299,9
3164	306,5	304,8	322,9	359,3
4346	420,3	418,3	443,8	496,4
4846	468,9	466,1	494,5	555,9
5346	517,4	513,8	545,3	615,3
7018	679,8	675,1	716,9	811,8
7518	728,3	722,8	767,7	871,3

* Cooling Capacity (kW)

V0 : EAS.VI+1 Standard Version with R410A Refrigerant

V1 : EAS.VI+1 R454B Refrigerant Version

V2 : EAS.VI+1 R410A Refrigerant High Efficiency Version

V4 : EAS.VI+1 R410A Refrigerant 60 Hz Version



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EAW

Cooling Capacity: 449.7-2083.4 kW (R134A)

Cooling Capacity: 468.5-1818.8kW (R513A)

Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 2-3 screw compressors and 2-3 independent cooling circuits for high part-load efficiency and system redundancy.
- Supports R134A and R513A refrigerants; R513A offers lower Global Warming Potential (GWP) for eco-friendly operation.
- Features a compact V-type microchannel condenser for efficient heat transfer.
- Uses a Shell & Tube evaporator for reliable and effective heat exchange.
- Includes electronic expansion valves (EEV) for accurate refrigerant flow and optimized performance in all conditions.
- Comes with standard axial AC fans; EC fans optional for improved energy efficiency and low noise.
- Operates reliably in ambient temperatures from -40°C to +53°C(extended down to -40°C with optional Low Temperature Kit - LTK).



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OPTIONAL



EAW	* V0	* V1	* V2	* V4
4962	449,7	468,5	482,4	531,2
5542	527,1	551,5	566,3	622,8
6252	616,9	638,9	656,8	730,9
7702	734,6	760,5	783,5	870,3
8322	807,5	841,3	861,2	956,8
8952	941,9	973,8	995,7	1.118,2
10302	1.042,8	1.078,3	1.104,6	1.237,0
11652	1.092,6	1.132,7	1.160,9	1.294,9
13002	1.171,0	1.212,6	1.238,8	1.389,0
15503	1.564,1	1.617,5	1.656,9	1.855,5
17503	1.639,0	1.699,1	1.741,3	1.942,3
19503	1.756,4	1.818,9	1.858,3	2.083,5

* Cooling Capacity

V0 : EAW Standard Version with R134A Refrigerant

V1 : EAW R513A Refrigerant Version

V2 : EAW R134A Refrigerant High Efficiency Version

V4 : EAW R134A Refrigerant 60 Hz Version



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EAW.VI+1

Cooling Capacity: 343.9-1626.7kW (R134A)

Cooling Capacity: 352.4-1579.8 kW (R513A)

Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 1 to 3 inverter screw compressors and 1 to 3 independent cooling circuits, providing precise capacity modulation and excellent reliability.
- Offers R134A and lower GWP R513A refrigerant options, enhancing environmental performance.
- Features a V-type microchannel condenser for high heat transfer efficiency and a compact footprint.
- Utilizes a Shell & Tube evaporator for robust and efficient heat exchange.
- Includes electronic expansion valves (EEV) for precise refrigerant flow control, optimizing performance across varying conditions.
- Comes standard with axial AC fans; optional EC fan configuration available for better energy efficiency and quieter operation.
- Operates reliably across ambient temperatures from -40°C to +53°C.(extended down to -40°C with optional Low Temperature Kit - LTK).



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OPTIONAL



EAW.VI+1	* V0	* V1	* V2	* V4
3551	344,0	352,5	364,7	338,8
4501	435,2	433,6	461,9	428,7
5851	567,1	592,0	600,5	559,6
6662	647,2	680,0	684,4	698,3
7382	716,6	736,2	759,7	780,4
8322	807,8	817,3	856,9	870,3
9002	870,4	919,6	920,2	919,1
9672	939,7	975,8	995,5	1.001,2
10352	1.001,2	1.062,2	1.058,0	1.072,8
11213	1.089,2	1.120,0	1.154,6	1.222,1
12153	1.180,4	1.201,1	1.251,8	1.311,9
13503	1.312,3	1.359,6	1.390,4	1.442,9
15203	1.477,3	1.579,9	1.556,7	1.626,7

*Cooling Capacity

V0 : EAW.VI+1 Standard Version with R134A Refrigerant
V1 : EAW.VI+1 R513A Refrigerant Version
V2 : EAW.VI+1 R134A Refrigerant High Efficiency Version
V4 : EAW.VI+1 R134A Refrigerant 60 Hz Version



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EAS.FC

Cooling Capacity: 79.7-1137.6 kW (R410A)
Cooling Capacity: 77.0-929.1 kW (R454B)
Water(Evap) Regime: 2 °C to 20 °C

- 2 to 9 scroll compressors operate across 1 to 3 independent refrigeration circuits, ensuring high efficiency and precise capacity control.
- Features a V-type microchannel condenser designed for superior heat transfer efficiency and compact footprint.
- Includes Shell & Tube evaporator for robust, efficient, and reliable heat exchange.
- Utilizes thermostatic (TEV) and electronic expansion valves (EEV) for precise refrigerant flow control, optimizing efficiency under varying loads.
- Comes standard with axial AC fans; optional EC fan configuration available for enhanced energy savings and quieter operation.
- Operates reliably in ambient temperatures from -40°C to +53°C, suitable for diverse climates. (extended down to -40°C with optional Low Temperature Kit – LTK).



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OPTIONAL



EAS.FC	* V0	* V1	* V2	* V4
812	79,7	77,0	83,0	93,4
1102	107,8	102,6	112,1	126,1
1342	131,9	126,2	137,2	153,9
1684	159,4	154,0	166,0	186,8
2184	215,6	205,2	224,3	252,2
2684	263,8	252,4	274,5	307,8
3354	329,7	318,7	343,2	387,2
4354	428,5	412,9	444,8	505,6
5026	494,6	478,1	514,8	580,8
6526	642,8	619,4	667,2	758,4
7539	741,9	717,2	772,2	871,2
9799	964,2	929,1	1000,8	1137,6

* Cooling Capacity

V0 : EAS.FC Standard Version with R410A Refrigerant
V1 : EAS.FC R454B Refrigerant Version
V2 : EAS.FC R410A Refrigerant High Efficiency Version
V4 : EAS.FC R410A Akışkanlı 60 Hz Versiyon



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EAW.FC

Cooling Capacity: 455.2-2052.1 kW (R134A)

Cooling Capacity: 459.5-1789.6 kW (R513A)

Water(Evap) Regime: 2 °C to 20 °C

- 2 to 3 screw compressors operate within 2 to 3 independent cooling circuits, ensuring high part-load efficiency and reliable performance.
- Offers R134A and R513A refrigerant options for environmental responsibility.
- Features a V-type microchannel condenser for excellent heat transfer efficiency and compact design.
- Includes a Shell & Tube evaporator for robust, efficient heat exchange and consistent performance.
- Equipped with electronic expansion valves (EEV) for precise refrigerant flow control, optimizing efficiency under varying loads.
- Comes standard with axial AC fans; optional EC fan configuration available for improved energy efficiency and quieter operation.
- Designed for reliable operation in ambient temperatures from -40°C to +53°C, suitable for diverse climates.(extended down to -40°C with optional Low Temperature Kit - LTK).
- Provides a versatile water outlet temperature range from +2°C to +20°C, accommodating various applications.



STANDART



OPTIONAL



EAW.FC	* V0	* V1	* V2	* V4
4962	455,2	459,5	482,4	521,3
5542	533,1	540,5	566,3	610,8
6252	625,4	627,4	656,8	718,6
7702	744,5	746,8	783,5	855,4
8322	818,4	826,1	861,2	940,3
8952	956,8	958,2	995,7	1.101,6
10302	1.058,6	1.060,5	1.104,6	1.217,8
11652	1.108,5	1.113,3	1.160,9	1.274,0
13002	1.189,3	1.193,1	1.238,8	1.368,1
15503	1.587,9	1.590,8	1.656,9	1.826,7
17503	1.662,7	1.669,9	1.741,3	1.911,0
19503	1.783,9	1.789,6	1.858,3	2.052,1

* Cooling Capacity

V0 : EAW.FC Standard Version with R134A Refrigerant

V1 : EAW.FC R513A Refrigerant Version

V2 : EAW.FC R134A Refrigerant High Efficiency Version

V4 : EAW.FC R134A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
All information contained in this table is subject to change without prior notice.
For more technical data, please contact our Sales Team:
exportsalesgroup@eracochillers.com - turkiyesatisgrubu@eracochillers.com

EAW.DC.FC.(VI+1)

Cooling Capacity: 330.5-1555.8 W (R134A)
Cooling Capacity: 329.31- 1620 kW (R513A)
Water(Evap) Regime: 4 °C to 20 °C

- 1 to 3 inverter screw compressors operate within 1 to 3 independent cooling circuits, providing precise capacity modulation and high reliability.
- Uses R134A and R513A refrigerants, with R513A offering lower environmental impact.
- Features V-type microchannel condenser for high heat transfer efficiency and compact size.
- Includes Shell & Tube evaporator for robust and efficient heat exchange.
- Equipped with electronic expansion valves (EEV) for precise refrigerant flow control, optimizing efficiency across conditions.
- Standard axial AC fans; optional EC fans available for better energy efficiency and quieter operation.
- Operates reliably in ambient temperatures from -40°C to +53°C.(extended down to -40°C with optional Low Temperature Kit – LTK).



STANDART



OPTIONAL



EAW.DC.FC.(VI+1)	* V0	* V1
3551	330,5	329,3
4501	418,1	403,7
5851	543,1	550,9
7172	669,7	686,2
8022	749,0	740,5
8972	836,6	814,9
9462	882,2	907,8
10302	961,6	962,0
11042	1.030,0	1.064,8
12503	1.167,5	1.151,7
13443	1.255,2	1.226,1
14783	1.380,1	1.373,2
16663	1.555,8	1.620,0

* Cooling Capacity

V0 : EAW.DC.FC.VI+1 Standard Version with R134A Refrigerant
V1 : EAW.DC.FC.VI+1 R513A Refrigerant Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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EAW.CC

Cooling Capacity: 489.1-2176.4 kW (R134A)

Cooling Capacity: 495.5-1905.7 kW (R513A)

Water(Evap) Regime: 4 °C to 20 °C



- Equipped with 2 to 3 screw compressors operating within 2 to 3 independent cooling circuits, ensuring high part-load efficiency and reliable performance.
- Utilizes R134A and R513A refrigerant fluids. R513A is a lower Global Warming Potential (GWP) alternative, supporting environmental sustainability.
- Features a condenser-free and fan-free design.
- Includes a Shell & Tube evaporator for robust and efficient heat exchange, providing consistent system performance.
- Equipped with electronic expansion valves (EEV) for precise refrigerant flow control, optimizing efficiency across varying operational loads.
- Designed for reliable performance across a broad ambient temperature range from -40°C to +53°C (extended down to -40°C with optional Low Temperature Kit - LTK), making it suitable for diverse climates.
- Delivers a versatile water outlet temperature range from +4°C to +20°C, accommodating various application needs.

STANDARD



OPTIONAL



EAW.CC	* V0	* V1	* V4
5452	489,1	495,5	560,9
6102	574,0	584,3	658,6
6802	667,1	672,8	767,2
8402	795,4	801,4	914,9
9102	874,3	886,7	1.005,8
9802	1.013,1	1.020,0	1.167,3
10802	1.123,4	1.131,0	1.293,6
12202	1.179,7	1.190,5	1.357,1
13602	1.260,2	1.270,4	1.451,0
16203	1.685,0	1.696,5	1.940,5
18303	1.769,5	1.785,8	2.035,6
20403	1.890,3	1.905,7	2.176,4

* Cooling Capacity

V0 : EAW.CC Standard Version with R134A Refrigerant

V1 : EAW.CC R513A Refrigerant Version

V4 : EAW.CC R134A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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EAS.CC

Cooling Capacity: 82.2-1166 kW (R410A)

Cooling Capacity: 79-952 kW (R454B)

Water(Evap) Regime: 4 °C to 20 °C

- 2 to 9 scroll compressors operate across 2 to 3 independent refrigeration circuits, ensuring high efficiency and precise capacity control.
- Features a condenser-less and fan-less design, intended for connection to an external fluid cooler or cooling tower.
- Includes a Shell & Tube evaporator for robust, efficient, and reliable heat exchange performance. Employs both thermostatic (TEV) and electronic expansion valves (EEV) for precise refrigerant flow control, optimizing system efficiency across varying loads.
- Operates reliably across a wide ambient temperature range from -40°C to +53°C (extended down to -40°C with optional Low Temperature Kit - LTK); making it suitable for diverse climates.
- Provides a flexible water outlet temperature range from +4°C to +20°C, accommodating various application requirements.



STANDART



OPTIONAL



EAS.CC	* V0	* V1	* V4
812	82,2	79,0	96,2
1102	111,1	105,3	129,8
1342	136,0	129,6	158,5
1684	164,4	158,0	192,4
2184	222,2	210,7	259,6
2684	272,0	259,2	316,9
3354	339,9	326,3	398,8
4354	441,2	423,1	518,2
5026	509,9	489,5	598,1
6526	661,8	634,7	777,3
7539	764,8	734,2	897,2
9799	992,7	952,0	1.166,0

* Cooling Capacity

V0 : EAS.CC Standard Version with R410A Refrigerant

V1 : EAS.CC R454B Refrigerant Version

V4 : EAS.CC R410A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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LSR

Cooling Capacity: 4.3- 48.5 kW
Water(Evap) Regime: 8 °C to 50 °C

- Uses R410A refrigerant and a scroll compressor for efficient, reliable performance.
- Features microchannel condenser and axial fans for compact, high-efficiency cooling.
- Operates between 0°C to +53°C ambient (extended down to -40°C with optional Low Temperature Kit – LTK); water outlet range: +8°C to +50°C.
- Includes plate heat exchanger, optic pump, and resonator pump for specialized functions.

STANDART



OPTIONAL



Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C

LSR	* V0	* V4
1,5	4,3	5,0
2	6,2	7,1
4	9,9	11,4
6	14,6	16,8
8	22,5	26,3
10	28,3	33,1
12	41,5	48,5

* Cooling Capacity

V0 : LSR Standard Version

V4 : LSR 60 Hz Version



EAS.LT

Cooling Capacity: 16.5-423 kW (R410A)
Cooling Capacity: 15.8 -337.5 (R454B)
Water(Evap) Regime: -13°C to 4 °C

- 1 to 4 Scroll Compressors with 1 to 3 independent refrigeration circuits
- Standard Microchannel condensers in straight or V-type configuration
- Shell & Tube or Plate-type evaporator
- Thermostatic expansion valves,
- with optional electronic expansion valves (EEV)
- Standard axial AC fan, with optional EC fan or variable speed drive (VSD) fan configuration
- Wide ambient temperature range: -40°C to +50°C (extended down to -40°C with optional Low Temperature Kit – LTK).

EAS.LT	* V0	* V1	* V4
121	16,5	15,8	20,0
161	22,1	21,5	26,7
242	32,9	31,6	40,1
322	44,1	43,1	53,5
462	64,4	63,1	78,2
632	87,2	83,7	105,6
772	106,7	103,1	128,8
972	133,2	130,1	162,0
1282	173,3	168,7	211,5
1554	213,4	206,1	257,7
1944	266,5	260,2	324,0
2554	346,7	337,5	423,0

* Cooling Capacity

V0 : EAS.LT Standard Version with R410A Refrigerant

V1 : EAS.LT R454B Refrigerant Version

V4 : EAS.LT R410A Refrigerant 60 Hz Version



STANDART



OPTIONAL



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 9/4°C; Outdoor heat exchanger inlet air temperature = 35°C
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EAS.HK.LT

Cooling Capacity: 16.5-423 kW (R410A)

Cooling Capacity: 15.8-337.5 (R454B)

Water(Evap) Regime: -13°C to 4 °C

- 1-4 scroll compressors with 1 or 2 refrigeration circuits.
- Flat or V-type microchannel condensers.
- Shell & Tube or plate-type evaporator.
- Thermostatic (TEV) expansion valves; optional EEV.
- Standard axial AC fan; optional EC or VSD fans.
- Integrated high-efficiency hydronic module with pump and buffer tank.
- Operates in ambient temperatures from -40°C to +50°C (extended down to -40°C with optional Low Temperature Kit - LTK).

EAS.HK.LT	* V0	* V1	* V4
121	16,5	15,8	20,0
161	22,1	21,5	26,7
242	32,9	31,6	40,1
322	44,1	43,1	53,5
462	64,4	63,1	78,2
632	87,2	83,7	105,6
772	106,7	103,1	128,8
972	133,2	130,1	162,0
1282	173,3	168,7	211,5
1554	213,4	206,1	257,7
1944	266,5	260,2	324,0
2554	346,7	337,5	423,0

* Cooling Capacity

V0 : EAS.HK.LT Standard Version with R410A Refrigerant

V1 : EAS.HK.LT R454B Refrigerant Version

V4 : EAS.HK.LT R410A Refrigerant 60 Hz Version



STANDART



OPTIONAL



EAW.LT

Cooling Capacity: 159.2-1612.7 kW (R507A)

Water(Evap) Regime: -13 °C to 4 °C

- 2 Screw Compressors with 2 independent cooling circuits
- R507A refrigerant as standard option
- Standard Microchannel condensers in V-type configuratio
- Shell & Tube evaporator
- Thermostatic (TEV) and electronic expansion valves (EEV)
- Standard axial AC fan, with optional EC fan configuration
- Wide ambient temperature range: -40°C to +38°C (extended down to -40°C with optional Low Temperature Kit - LTK)
- Water outlet temperature range: -13°C to +4°C

STANDART



OPTIONAL



EAW.LT	*V0
1362	154,8
1732	196,8
1982	221,6
2302	257,4
2662	297,2
3262	336,7
3632	405,8
3932	439,3
4692	525,4
5232	585,2
6232	685,9
6872	755,9
7332	807,3
9362	1006,7
12292	1276,2
13342	1341,3
14662	1472,6
16132	1620,1

*Cooling Capacity

V0 : EAW.LT Standard Version with R507A Refrigerant



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 9/4 °C; Outdoor heat exchanger inlet air temperature = 35°C
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COR

Cooling Capacity: 76-1751.5 kW
Water(Evap) Regime: -2 °C to 55°C

- Features a Microchannel condenser, designed for high heat transfer efficiency and a compact footprint.
- Includes Axial fans for efficient airflow and optimized unit performance.

STANDART



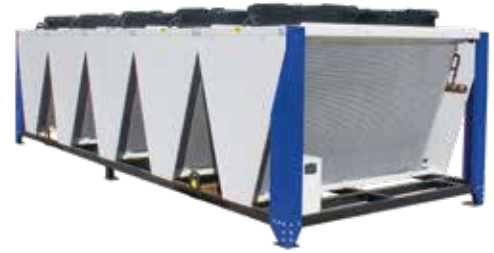
OPTIONAL



COR	*V0	*V4
1500	76 ,0	85 ,8
1630	122 ,0	137 ,8
1800	155 ,0	175 ,1
2800	310 ,0	350 ,3
3800	465 ,0	525 ,4
4800	620 ,0	700 ,6
5800	775 ,0	875 ,7
6800	930 ,0	1050 ,9
7800	1085 ,0	1226 ,0
8800	1240 ,0	1401 ,2
9800	1395 ,0	1576 ,3
10800	1550 ,0	1751 ,5

*Cooling Capacity

V0 : COR Standard Version
V4 : COR 60 Hz Version



CUA

Cooling Capacity: 10- 1277.6 kW

- Utilizes R410A refrigerant, a widely used and efficient choice for various cooling applications.
- Features a scroll compressor, known for its reliable and energy-efficient operation.
- Includes a microchannel condenser, designed for high heat transfer efficiency and a compact unit footprint.
- Equipped with axial fans for effective airflow and optimized unit performance.

STANDART



OPTIONAL



CUA	* V0	* V4
91	10,0	11,9
171	17,6	21,0
201	20,2	24,1
221	22,3	27,2
301	29,8	36,3
331	33,8	41,1
442	44,7	54,4
592	59,7	72,5
662	67,7	82,3
852	87,0	105,5
1152	117,5	142,3
1412	143,8	173,8
1762	179,8	218,7
2282	233,4	283,9
2814	287,5	347,6
3524	359,6	437,4
4564	466,7	567,8
5179	528,7	640,4
6846	700,1	851,7
7919	809,1	984,2
10269	1.050,1	1.277,6

*Cooling Capacity

V0 : CUA Standard Version with R410A Refrigerant
V4 : CUA R410A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
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EWS

Cooling Capacity: 44.6-1255.6 kW (R410A)

Cooling Capacity: 43.4-1022.9 kW (R454B)

Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 2 to 9 scroll compressors operating across 1 to 3 independent refrigeration circuits, this configuration ensures high efficiency and precise capacity control.
- Features a plate type condenser and evaporator, optimized for efficient heat transfer and compact system design.
- Includes both thermostatic (TEV) and electronic expansion valves (EEV) for precise refrigerant flow control, enhancing system efficiency across varying loads.
- Designed to operate with a condenser water inlet temperature range from +5°C to +30°C, offering broad application flexibility.



STANDART



OPTIONAL



EWS	* V0	* V1	* V4
462	44,6	43,4	53,7
622	59,7	58,6	71,7
702	67,6	67,0	81,4
902	87,2	85,0	104,8
1222	117,6	113,9	141,1
1502	144,0	140,0	172,4
1902	180,1	175,1	217,2
2402	232,8	227,3	279,0
3004	287,9	280,0	344,7
3754	360,2	350,2	434,4
4804	465,6	454,6	558,0
5509	529,4	512,7	635,0
7206	698,5	681,9	837,1
8409	810,5	788,0	977,5
10809	1.047,7	1.022,9	1.255,6

* Cooling Capacity

V0 : EWS Standard Version with R410A Refrigerant

V1 : EWS R454B Refrigerant Version

V4 : EWS R410A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet water temperature = 30°C
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EWS.HK

Cooling Capacity: 9.9-172.4 kW (R410A)

Cooling Capacity: 21.7-140 kW (R454B)

Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 1 to 2 scroll compressors operating within a single refrigeration circuit, ensuring efficient and reliable performance.
- Features both a plate type condenser and evaporator, optimized for highly efficient heat transfer within a compact design.
- Includes both thermostatic (TEV) and electronic expansion valves (EEV) for precise refrigerant flow control, maximizing system efficiency across varying operational loads.
- Designed to accommodate a condenser water inlet temperature range from +5°C to +53°C, providing broad application flexibility.



STANDART



OPTIONAL



EWS.HK	* V0	* V1	* V4
101	9,9	-	11,7
241	22,3	21,7	26,8
301	29,9	29,3	35,8
462	44,6	43,4	53,7
622	59,7	58,6	71,7
702	67,6	67,0	81,4
902	87,2	85,0	104,8
1222	117,6	113,9	141,1
1502	144,0	140,0	172,4

* Cooling Capacity

V0 : EWS.HK Standard Version with R410A Refrigerant

V1 : EWS.HK R454B Refrigerant Version

V4 : EWS.HK R410A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet water temperature = 30°C
All information contained in this table is subject to change without prior notice.

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EWS.(VI+1)

Cooling Capacity: 76-392.5 kW (R410A)
Cooling Capacity: 74.3-330.7 kW (R454B)
Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 2 to 4 inverter scroll compressors operating in 1 to 2 independent refrigeration circuits, ensuring precise capacity control and high efficiency.
- Features plate-type condenser and evaporator optimized for efficient heat transfer in a compact design.
- Includes thermostatic (TEV) and electronic expansion valves (EEV) for accurate refrigerant flow control, maximizing efficiency under varying loads.
- Supports condenser water inlet temperatures from +5°C to +53°C for flexible applications.



STANDART



OPTIONAL



EWS.(VI+1)	* V0	* V1	* V4
792	76,0	74,3	81,8
1092	105,0	103,4	113,5
1494	143,6	141,3	163,1
1994	192,2	188,4	218,2
2304	222,6	217,4	254,6
2944	285,1	278,5	330,7
3494	337,8	330,7	392,5

* Cooling Capacity

V0 : EWS.VI+1 Standard Version with R410A Refrigerant
V1 : EWS.VI+1 R454B Refrigerant Version
V4 : EWS.VI+1 R410A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet water temperature = 30°C
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EWV

Cooling Capacity: 527.6- 2369.9 kW (R134A)
Cooling Capacity: 553.6-2084.1 kW (R513A)
Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 2 to 3 screw compressors operating in 2 to 3 independent cooling circuits, ensuring high part-load efficiency and reliability.
- Utilizes R134A and low-GWP R513A refrigerants, with R513A offering improved environmental performance.
- Features Shell & Tube type condenser and evaporator, optimized for durable and efficient heat exchange.
- Includes electronic expansion valve (EEV) for precise refrigerant flow control, maximizing efficiency across varying loads.
- Designed for condenser water inlet temperatures ranging from +10°C to +53°C, providing broad application flexibility.



STANDART



OPTIONAL



EWV	* V0	* V1	* V4
5702	527,6	553,6	625,5
6402	619,3	653,9	734,6
7022	709,9	743,1	843,0
8802	850,5	888,4	1.010,6
9502	934,9	983,5	1.110,9
10102	1.067,7	1.115,8	1.269,7
11202	1.182,8	1.236,2	1.407,0
12652	1.251,7	1.310,3	1.487,2
14122	1.328,8	1.389,4	1.579,9
16803	1.774,2	1.854,3	2.110,4
19003	1.877,5	1.965,5	2.230,7
21203	1.993,2	2.084,1	2.369,9

* Cooling Capacity

V0 : EWW Standard Version with R134A Refrigerant

V1 : EWW R513A Refrigerant Version

V4 : EWW R134A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet water temperature = 30°C
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EWV.(VI+1)

Cooling Capacity: 394.5- 1833.9 kW (R134A)

Cooling Capacity: 408.6-21807.4 kW (R513A)

Water(Evap) Regime: 4 °C to 20 °C

- Equipped with 1-3 inverter screw compressors and 1-3 independent cooling circuits for precise capacity control and high reliability.
- Uses R134A or low-GWP R513A refrigerants for enhanced environmental performance.
- Features Shell & Tube condenser and evaporator for robust, efficient heat exchange.
- Electronic expansion valve (EEV) ensures precise refrigerant control under varying loads.
- Designed to accommodate a condenser water inlet temperature range from +5°C to +53°C, providing broad application flexibility.



STANDART



OPTIONAL



EWV.(VI+1)	* V0	* V1	* V4
4061	394,5	408,6	389,4
5141	499,4	499,4	493,0
6631	644,9	679,6	637,7
7572	734,6	782,5	793,7
8442	819,3	837,8	894,0
9522	924,3	928,6	997,6
10152	985,1	1.053,5	1.042,0
11012	1.069,7	1.108,8	1.142,4
11662	1.133,1	1.221,8	1.215,8
13643	1.325,3	1.427,4	1.446,3
15383	1.494,6	1.538,0	1.647,0
17123	1.663,1	1.807,4	1.833,9

* Cooling Capacity

V0 : EWW.VI+1 Standard Version with R134A Refrigerant

V1 : EWW.VI+1 R513A Refrigerant Version

V4 : EWW.VI+1 R134A Refrigerant 60 Hz Version



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet water temperature = 30°C
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ER.FCV

Cooling Capacity: 147.4 - 1832.2 kW
Water(Evap) Regime: -15 °C to 90 °C

- High-efficiency Microchannel coil with compact design.
- Axial fans for efficient airflow and performance
- Reliable operation from -20°C to +50°C for various climates

STANDART



OPTIONAL



ER.FCV	* V0	* V4
150	147,4	166,6
300	294,8	333,1
450	442,2	499,7
600	589,6	666,3
750	737,0	832,8
900	884,4	999,4
1050	1.031,8	1.165,9
1200	1.179,2	1.332,5
1350	1.326,6	1.499,1
1500	1.474,0	1.665,6
1650	1.621,4	1.832,2

* Cooling Capacity
V0 : ER.FCV Standard Version
V4 : ER.FCV 60 Hz Version



KSI

Cooling Capacity: 26-70 kW
Heating Capacity : 6-24 kW
Water(Evap) Regime: 5 °C to 90 °C

- Reliable operation from 0°C to +50°C for various climates

STANDART



OPTIONAL



KSI	*	»
906	26,0	6,0
909	26,0	9,0
9012	26,0	12,0
9018	70,0	18,0
9024	70,0	24,0

* Cooling Capacity » Heating Capacity



ER.IC

Cooling Capacity: 16.5-48.6 kW
Air Regime: -15°C to 90 °C

- Reliable operation from -20°C to +50°C for diverse climates
- Comfortable air outlet range of +12°C to +20°C for various conditioning needs

STANDART



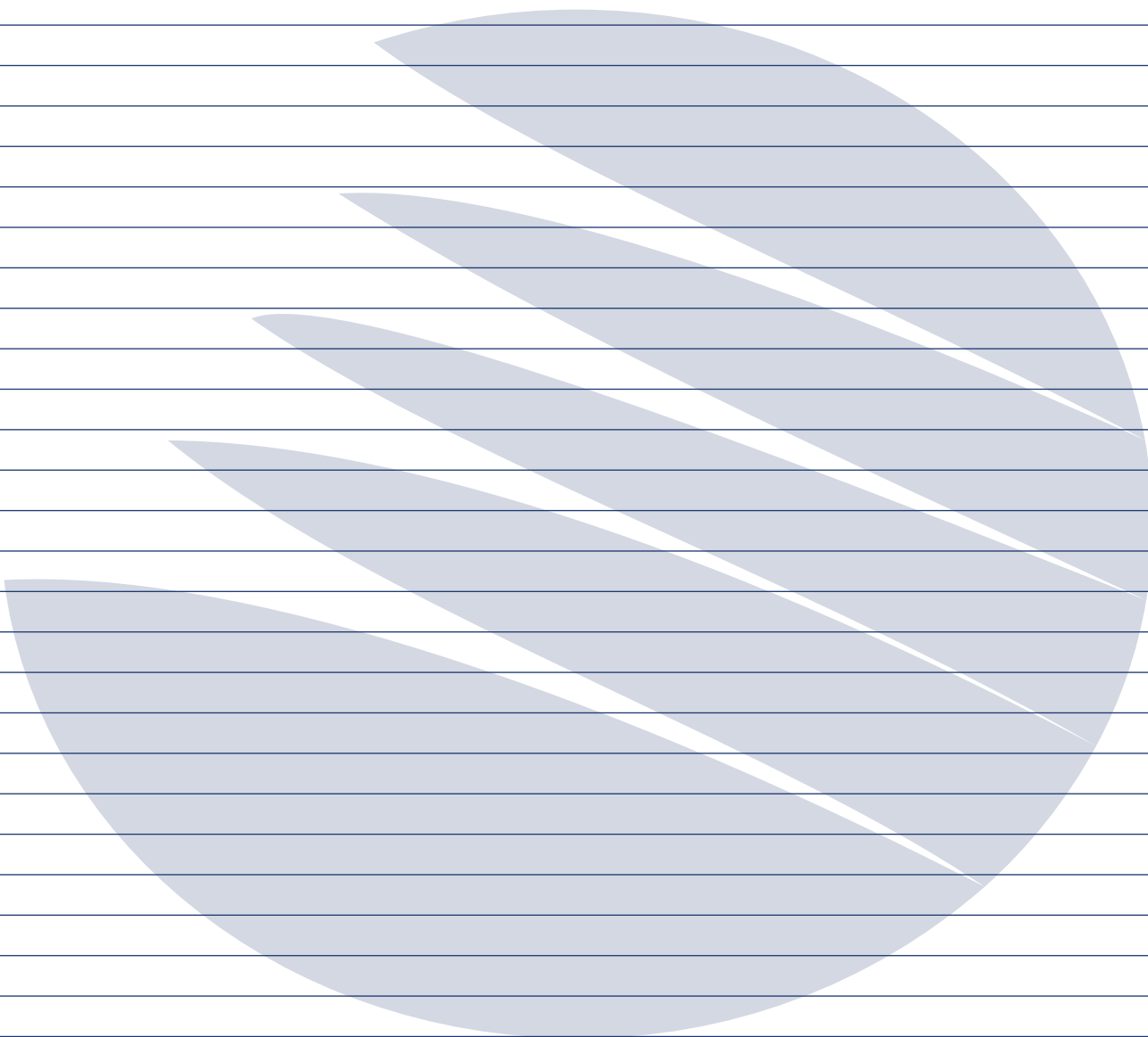
OPTIONAL

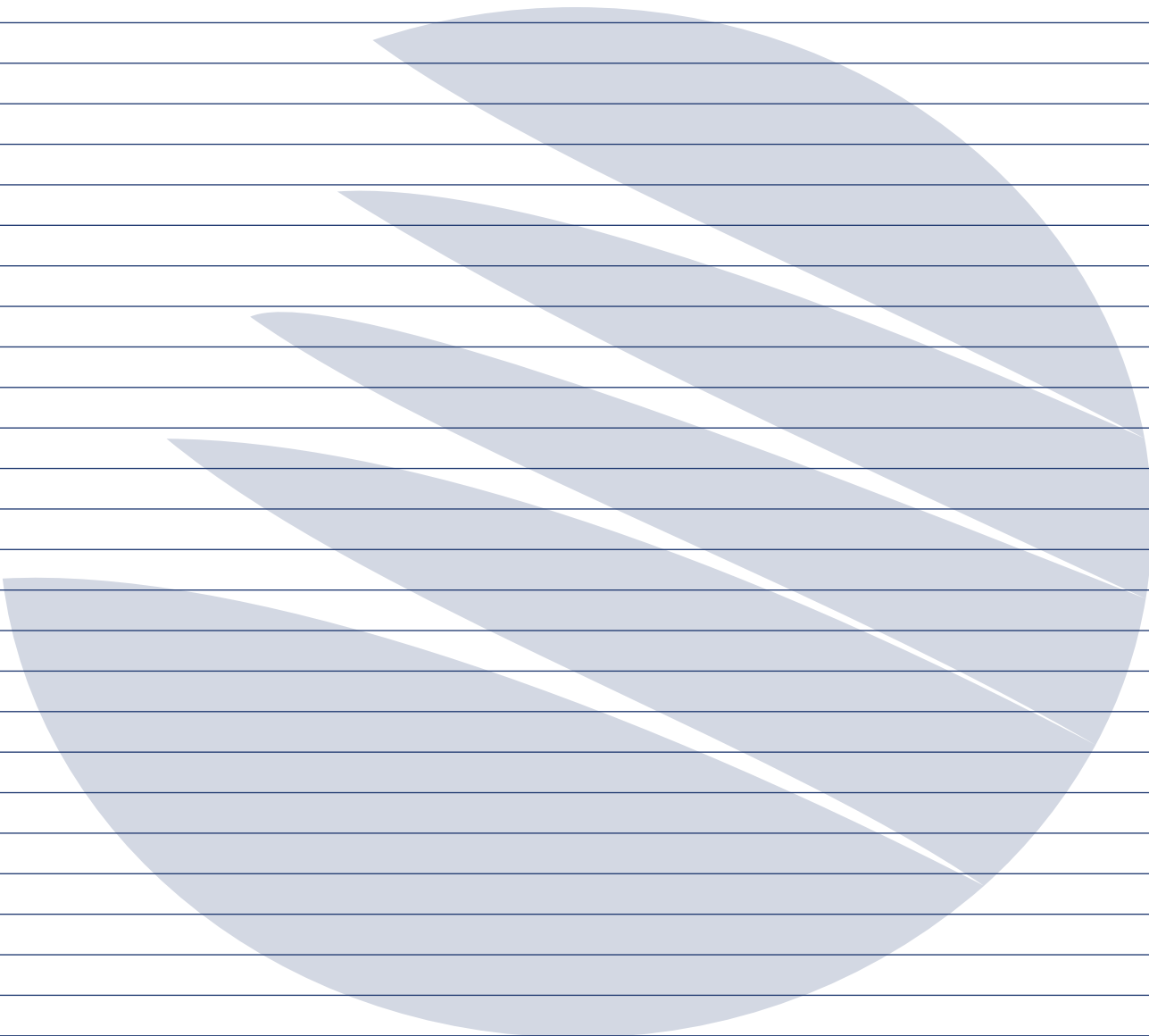


ER.IC	Air Flow (m³/h)	Water Flow Rate (m³/h)	Water Connection
6.1	4200	8.4	1 1/2"
6.2	4200	3.1	1 1/2"



Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions:
Internal exchanger water temperature = 40/35°C; Outdoor heat exchanger inlet air temperature = 25°C
All information contained in this table is subject to change without prior notice.
For more technical data, please contact our Sales Team:
exportsalesgroup@eracochillers.com - turkiyesatisgrubu@eracochillers.com







Central Office Sales - Marketing

Ziya Gökalp Mah. Süleyman Demiral Bulvarı
Mall Of İstanbul The Office No:7 E Kat:17 D:136
Başakşehir / İstanbul / TÜRKİYE
+90 (212) 642 70 42

Factory-1 Production and Other Departments

Ferizli OSB Mah. 2. Cadde No:14/1
Ferizli / Sakarya / TÜRKİYE
+90 (264) 502 41 10
+90 (264) 502 41 11

Factory-2 Production - Warehouse - Service Workshop

Ferizli OSB Mah. 1. Cadde No:5/2
Ferizli / Sakarya / TÜRKİYE
+90 (264) 502 41 10
+90 (264) 502 41 11