



DRY COOLERS

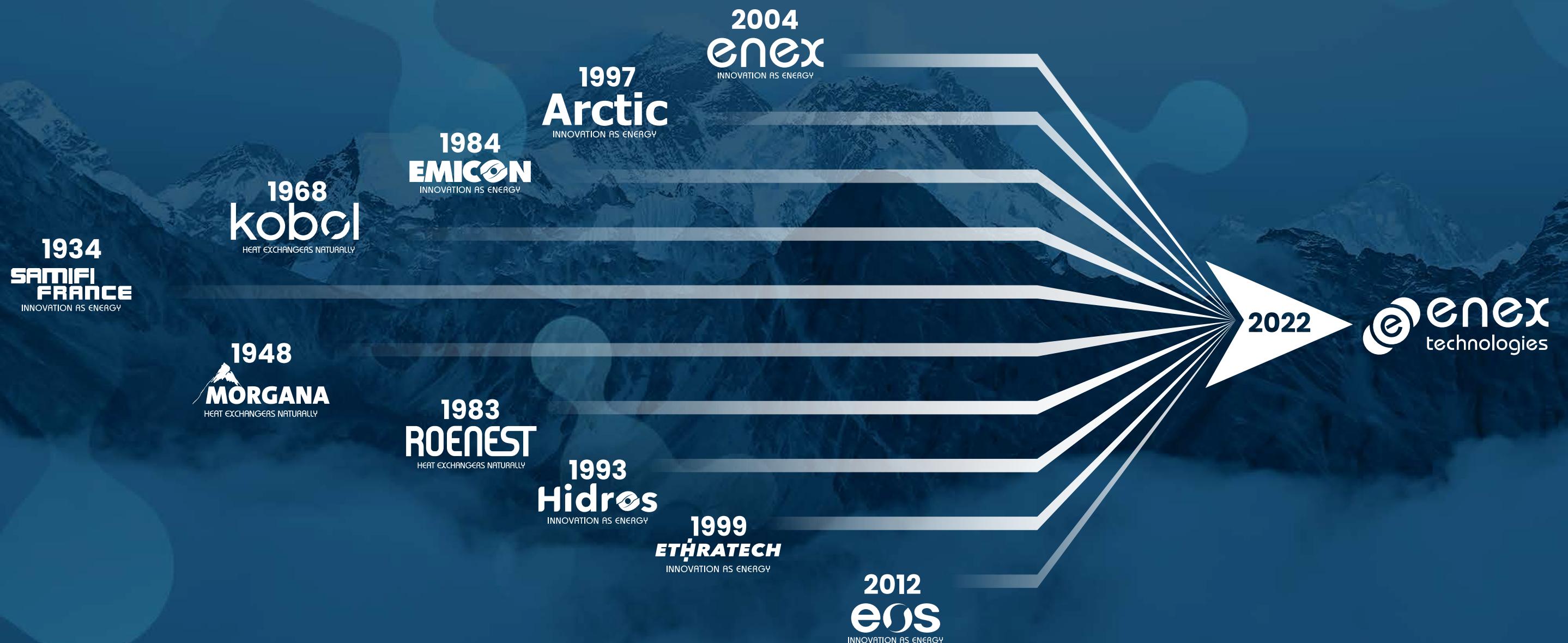
Products Catalogue

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About

Enex Technologies is a transformative world leader in natural and energy efficient cooling, heating, ventilation and refrigeration equipment that began in the 1930s by producing ammonia natural refrigeration equipment, later adding CO₂, water and propane as natural refrigerants with low global warming potential.

Pioneers and innovators in natural HVACR since the 1930s



Our numbers

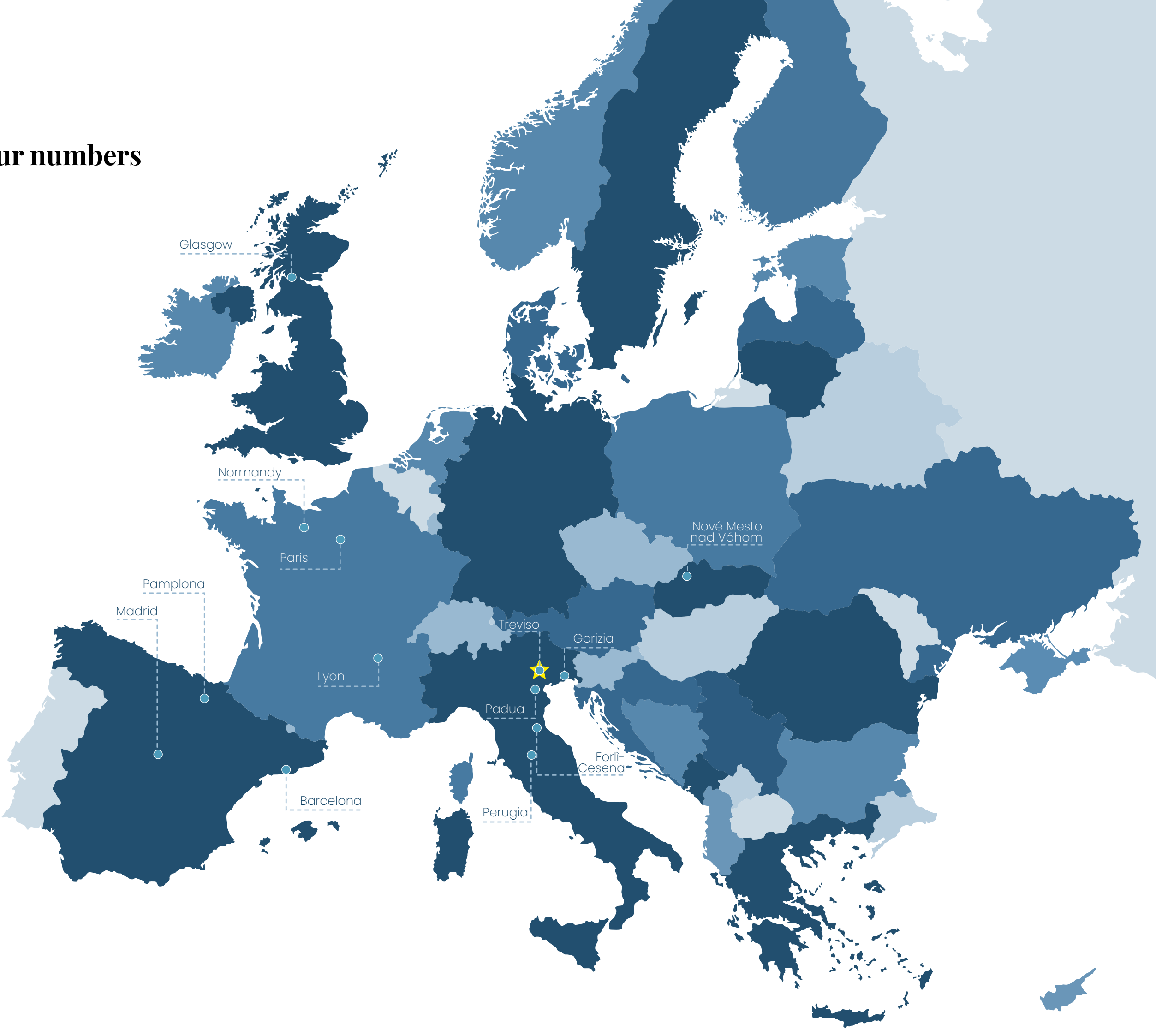
200M€
Revenues

1000+
Employees

12
Factories

125
Countries

- ★ Headquarter
- Manufacturing, R&D site and commercial office



Our segments

Our leading natural refrigerant, energy efficiency and energy transition technologies transform the HVACR industry.



COOLING

Our chillers are designed to operate efficiently with all refrigerants, generating cold water for climatization or industrial processes.



REFRIGERATION

Our commercial and industrial refrigeration systems are designed for high performance, quality, reliability and carbon footprint reduction through the use of natural refrigerants Ammonia and CO₂.



HEATING

Our high efficiency heat pump range using natural refrigerant CO₂ is a simple-to use, elegant solution for applications requiring high quantities of sanitary hot water.

We are driven by strong values to create a better and more sustainable world



SUSTAINABILITY

Buildings consume 40% of the energy used in the developed world. HVACR systems use 60% of the energy in buildings. Our high efficiency solutions are central to reducing global warming, and we strive every day to help our customers reduce their carbon footprint by using natural refrigerants.



INNOVATION

Always leading. From pioneering the efficient and safe use of natural refrigerants to helping the industry move away from gas heat towards systems that use electricity.



COMMUNITIES

We are a European industrial champion, building clean factories that support new jobs, growth and expansion to new markets.



DIVERSITY & INCLUSION

At Enex Technologies we ensure that every colleague feels respected, valued and motivated to support our customers, every day.



Our leading natural refrigerant, energy efficiency and energy transition technologies transform the HVACR industry

Enex Technologies is committed to developing and improving innovative and efficient low global warming technologies in HVAC, commercial and industrial refrigeration systems that reduce energy consumption and environmental impact.

Natural refrigerants

CO₂ (R744)

CO₂ is a naturally occurring, non-ozone-depleting refrigerant that addresses today's concerns about the global warming potential (GWP) of common F-gases. With a GWP of 1, CO₂ is widely and effectively used in commercial and industrial refrigeration systems.

AMMONIA (R717)

Ammonia is the most widely used natural refrigerant for large industrial applications. With a GWP of 0, ammonia is a cost-effective, efficient, and sustainable alternative refrigerant.

PROPANE (R290)

With its excellent thermodynamic properties and a GWP of 3, Propane is an energy efficient, reliable, versatile, and cost-effective natural refrigerant.

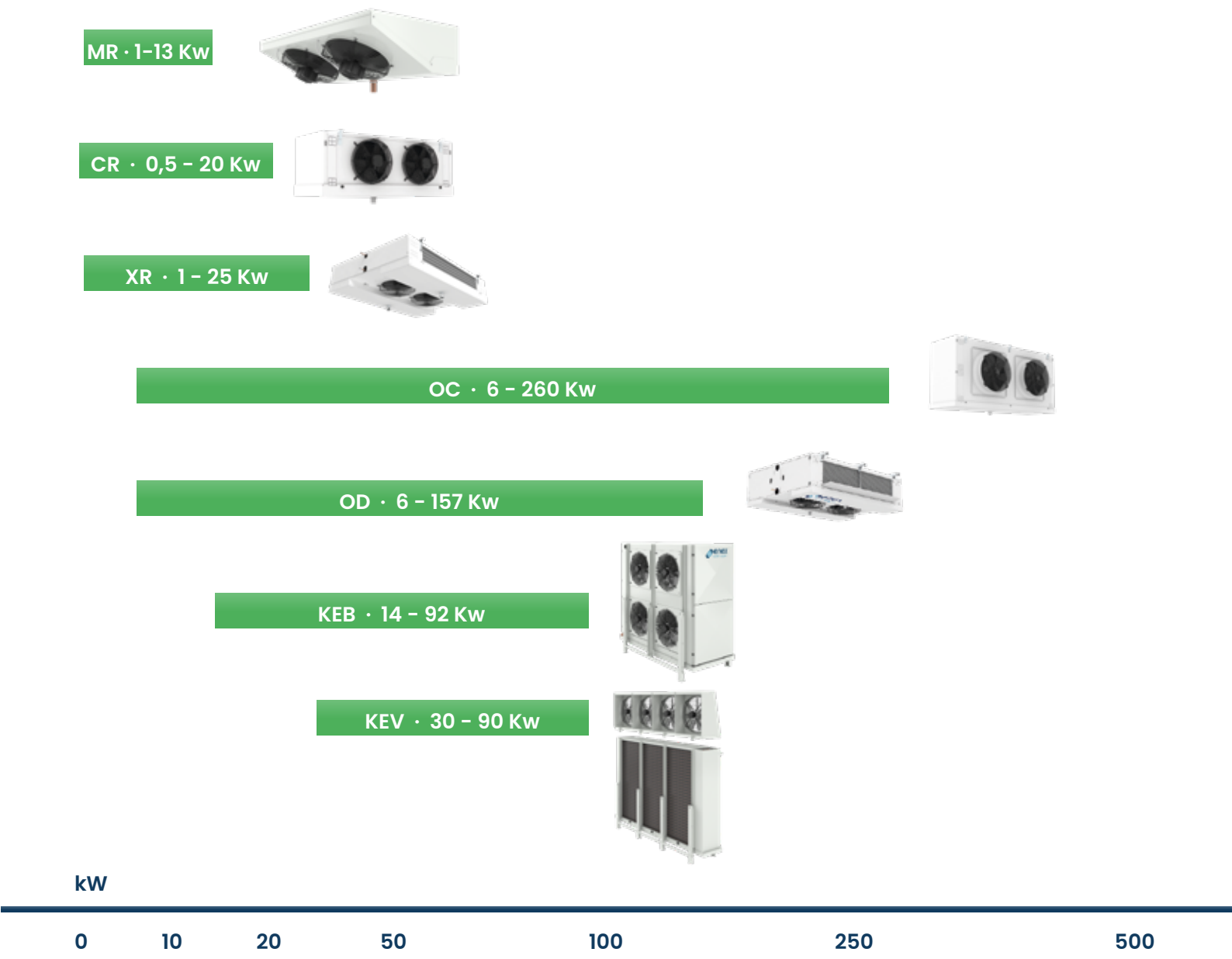
WATER (R718)

Indirect systems using pure water or brine mixtures to transfer heat are simple to install and easy to service in all applications.

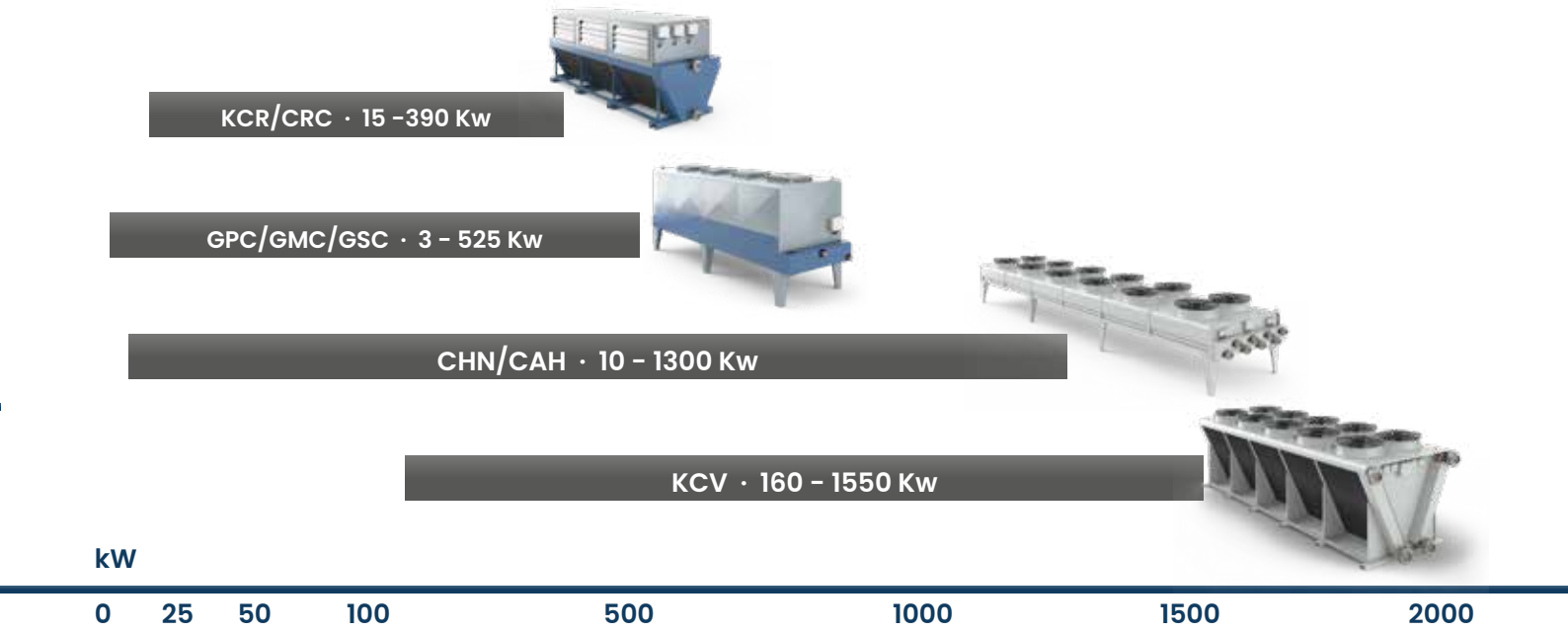
CO₂ Gas coolers



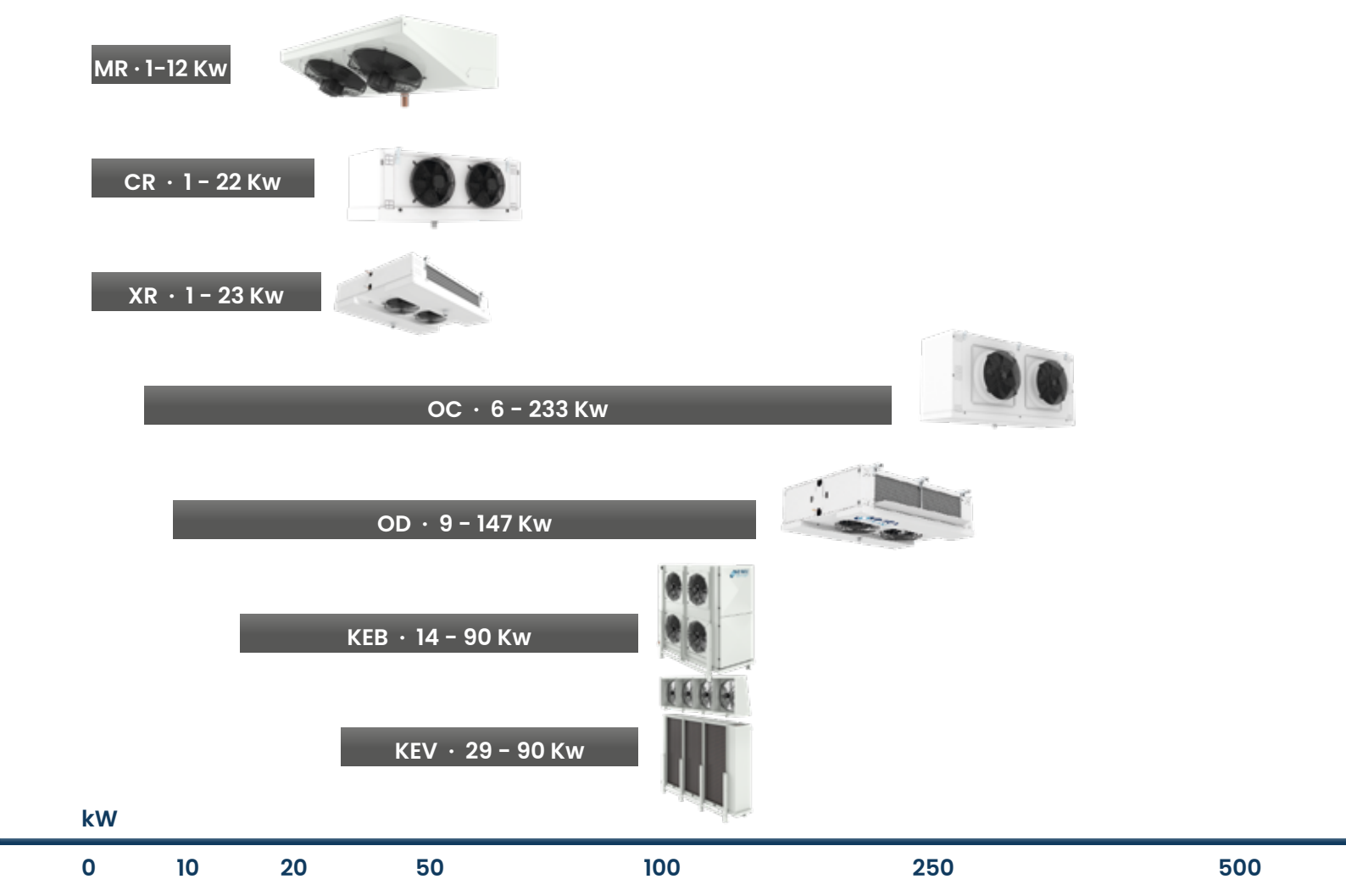
CO₂ Evaporators



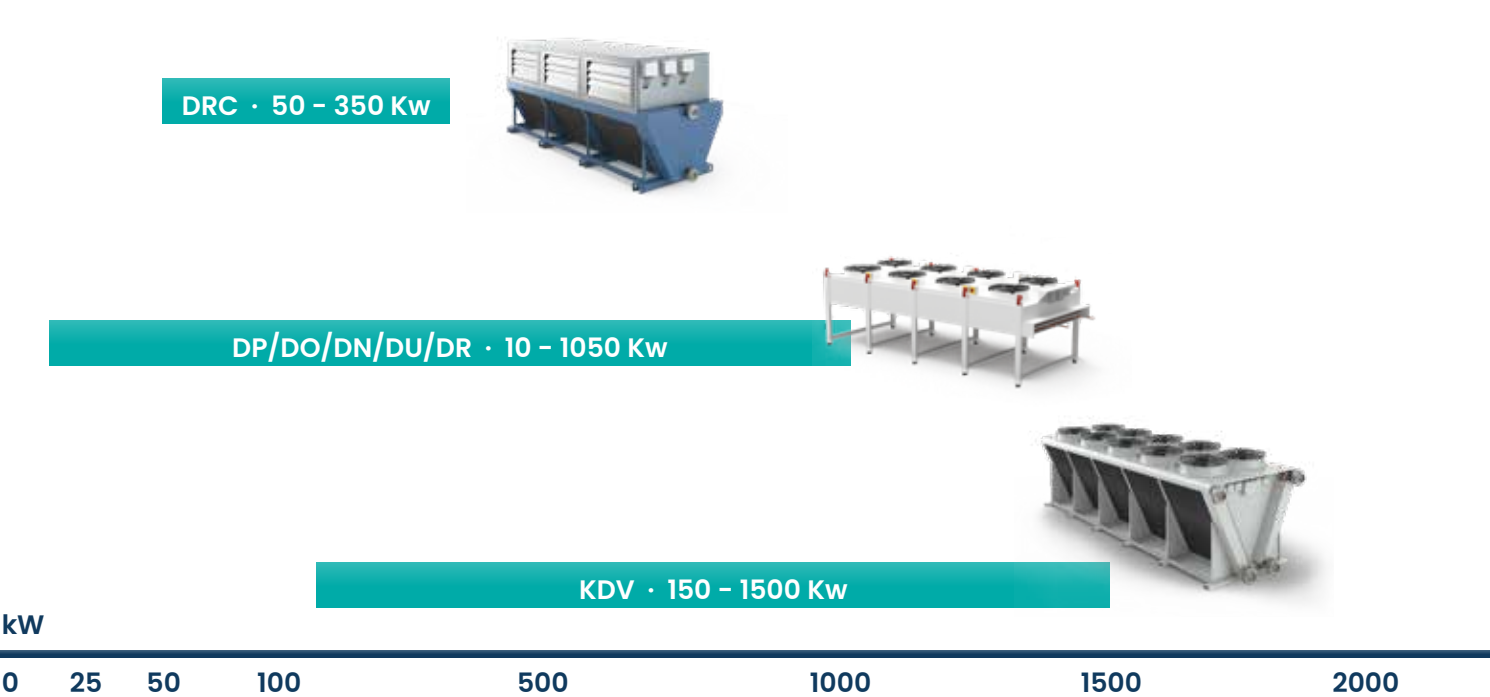
HFC-HFO Condensers



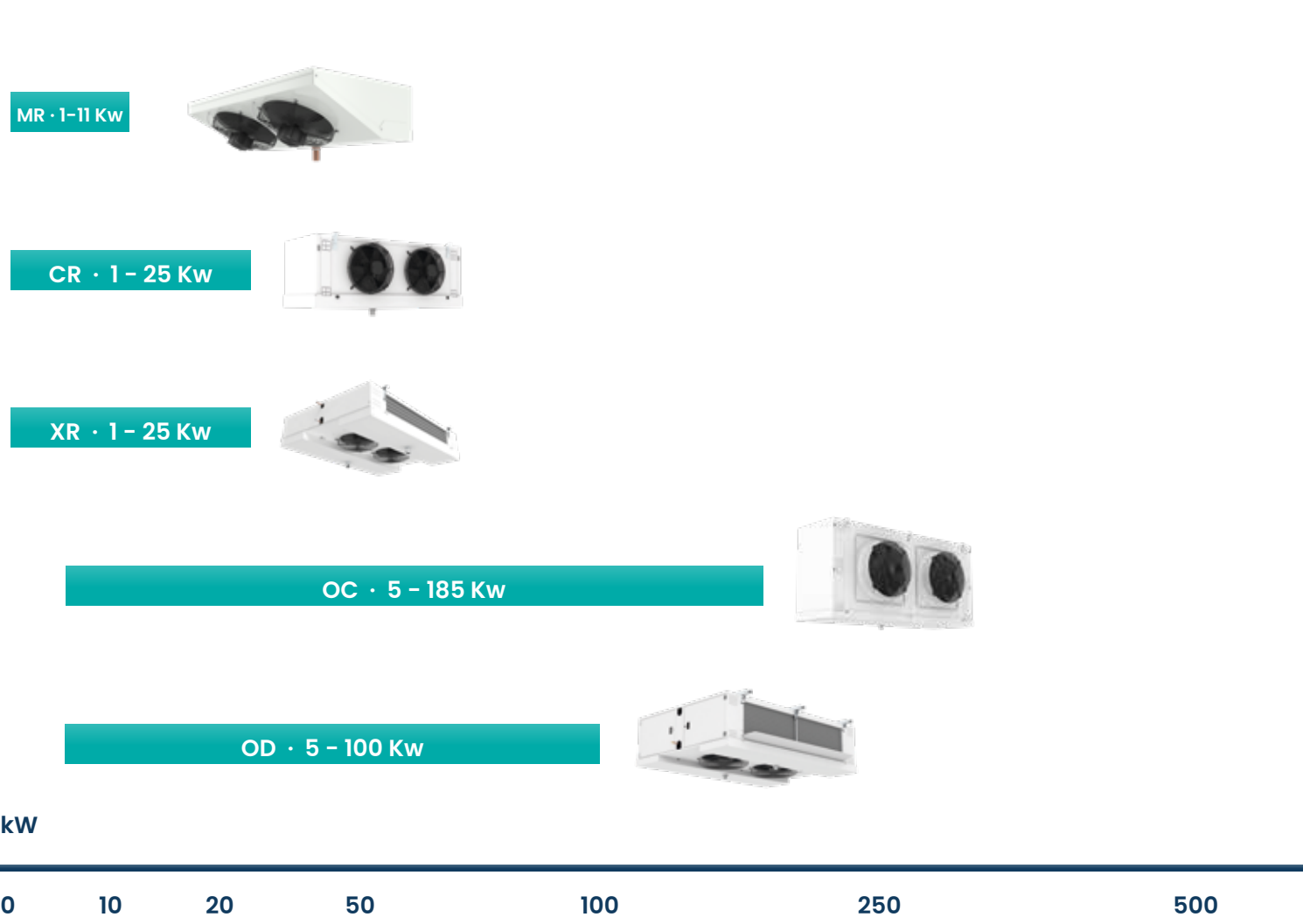
HFC-HFO Evaporators



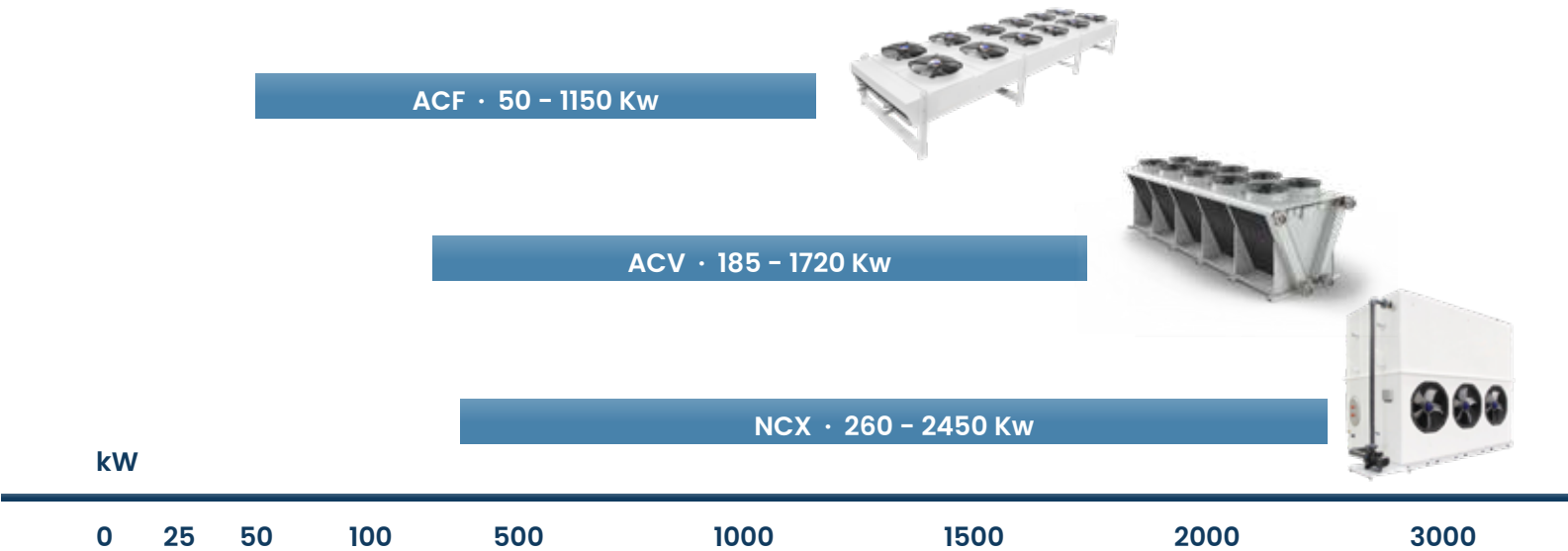
Dry Coolers



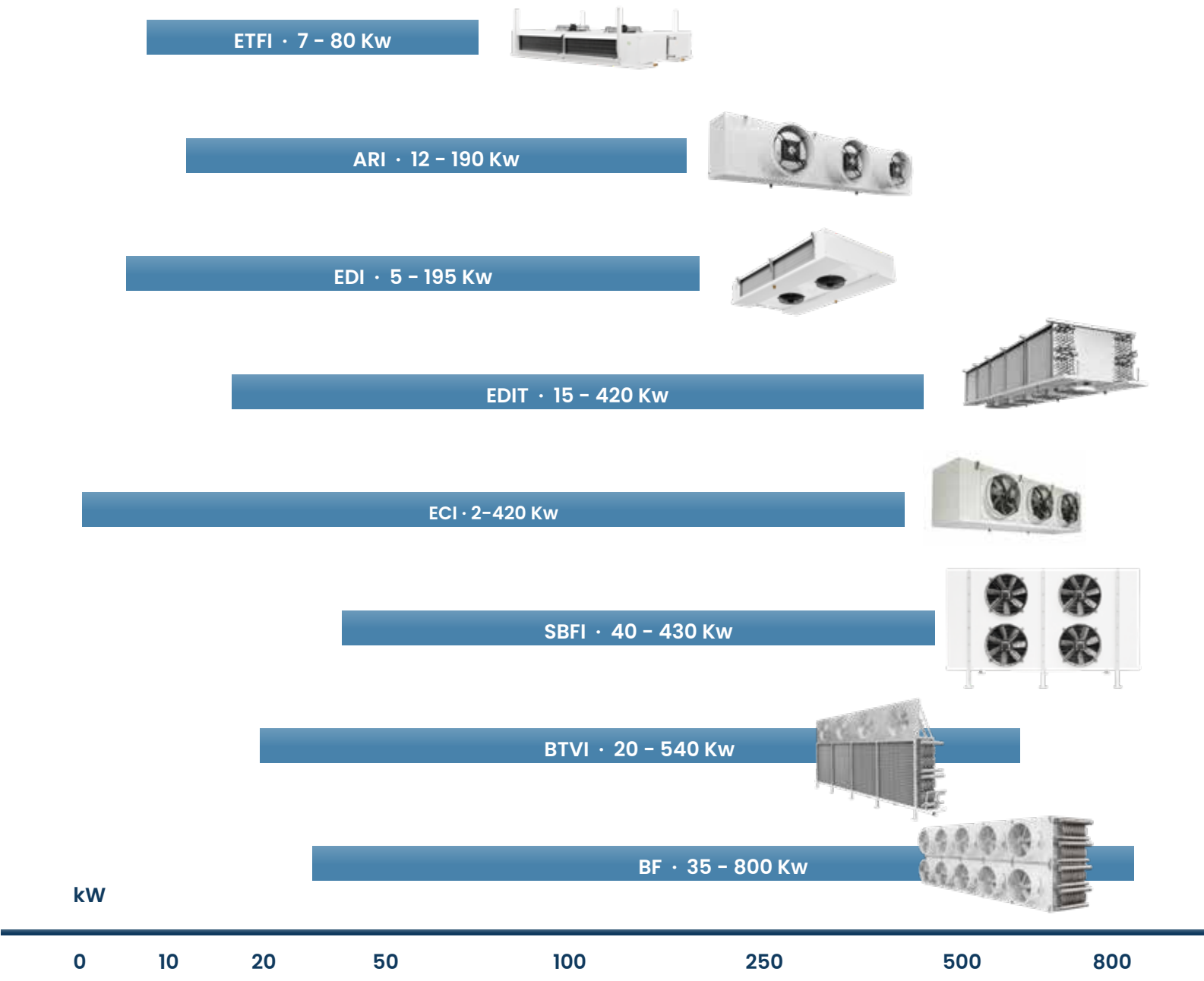
Brine Coolers



NH₃ Condensers



NH₃ Evaporators





Dry Coolers

Enex Technologies' Dry Coolers are designed for use with glycol, water and other refrigerants, and also can be used in combination with chillers. Dry Coolers replace the cooling towers, requiring very little maintenance while eliminating the risk of bacterial contamination in the air or water caused by Legionella inside the air-conditioning systems. Our wide range of dry cooler condensers features 433 models, providing cooling capacities ranging from 10 kW to 875 kW.



Reliable and
environmentally
sustainable cooling
solutions for industrial
and commercial
applications.



FLAT DRY COOLER

The reliable, efficient, and sustainable cooling solution for industrial and commercial applications

D- SERIES

Cooling capacity from 10 kW to 1.215 kW



ENEX TECHNOLOGIES presents the **Flat Dry Cooler** range for industrial or commercial applications. This unit was designed to meet every need: energy efficiency, ergonomics, space, etc. All ENEX TECHNOLOGIES products are designed and conceived with high levels of excellence in food preservation, with a robust building developed to withstand every weather condition, including heavy snow and wind loads, guaranteeing a long lifetime.

This line of product, **ready to use in Industrial Refrigeration, Energy & Process Cooling, IT Cooling and HVAC applications**, consists of more than 200 models of axial dry coolers for commercial and industrial applications, available in cooling capacities between 10 and 1.215 KW.

All ENEX TECHNOLOGIES flat dry coolers offer low noise levels and minimum energy consumption. All models can be fitted with optional EC fan motors. Fan speed can be controlled electronically to increase energy savings.

A large choice of **configurations and accessories** are available to meet any specification, plus of our customization capability.

This wide range of models and their accessories provide a complete portfolio that meets most of the cooling industry's needs.

LEADING PROFESSIONAL SOLUTIONS IN HEAT REJECTION

ENEX TECHNOLOGIES' assessment of Flat Dry Coolers performance parameters under different conditions and control strategies is essential to designing and optimizing the units for specific applications.

Our FLAT DRY COOLERS range which are segmented into 3 types:

RANGE	STANDARD CONDITIONS SC20 (kW)
Compact DP45/DO63	10 – 395
Industrial DN80/DN90/DM80/DM90	40 – 800
XL DU80/DU90/DR80/DR90	150 – 1215

Standard Conditions SC15: Fluid: Water, Fluid Inlet T° 40°C, Fluid Outlet T° 35°C, Air inlet T° 25

MAIN FEATURES

With more than 400 years of combined experience in design, production and distribution and doing business in over 125 countries, ENEX TECHNOLOGIES flat dry cooler line offers customers a wide spectrum of benefits including, but not limited to:

HIGH PERFORMANCE

- EC fan as standard, they adapt to the needs of the installation, so that it achieves optimal performance with minimal energy consumption. 30% savings compared to an AC fan.
- Also, the staggered arrangement of copper tubes across self-spaced fins, the accurate link between tubes and fins as well as the use of corrugated fins, all of this configuration allows our coils to reach the highest performance.

CUSTOMIZATION ON DEMAND

- Highest level of customization available to meet application requirements.

LONG PRODUCT LIFE

- Strong and robust design includes high quality components to meet all thermodynamic and product life cycle requirements.
- 10 surface treatments available to increase product life cycle in challenging environments.

SELECTION SOFTWARE

- Our proprietary selection software gives customers flexibility in adjusting settings as parameters of the application change.

SAFETY & RELIABILITY

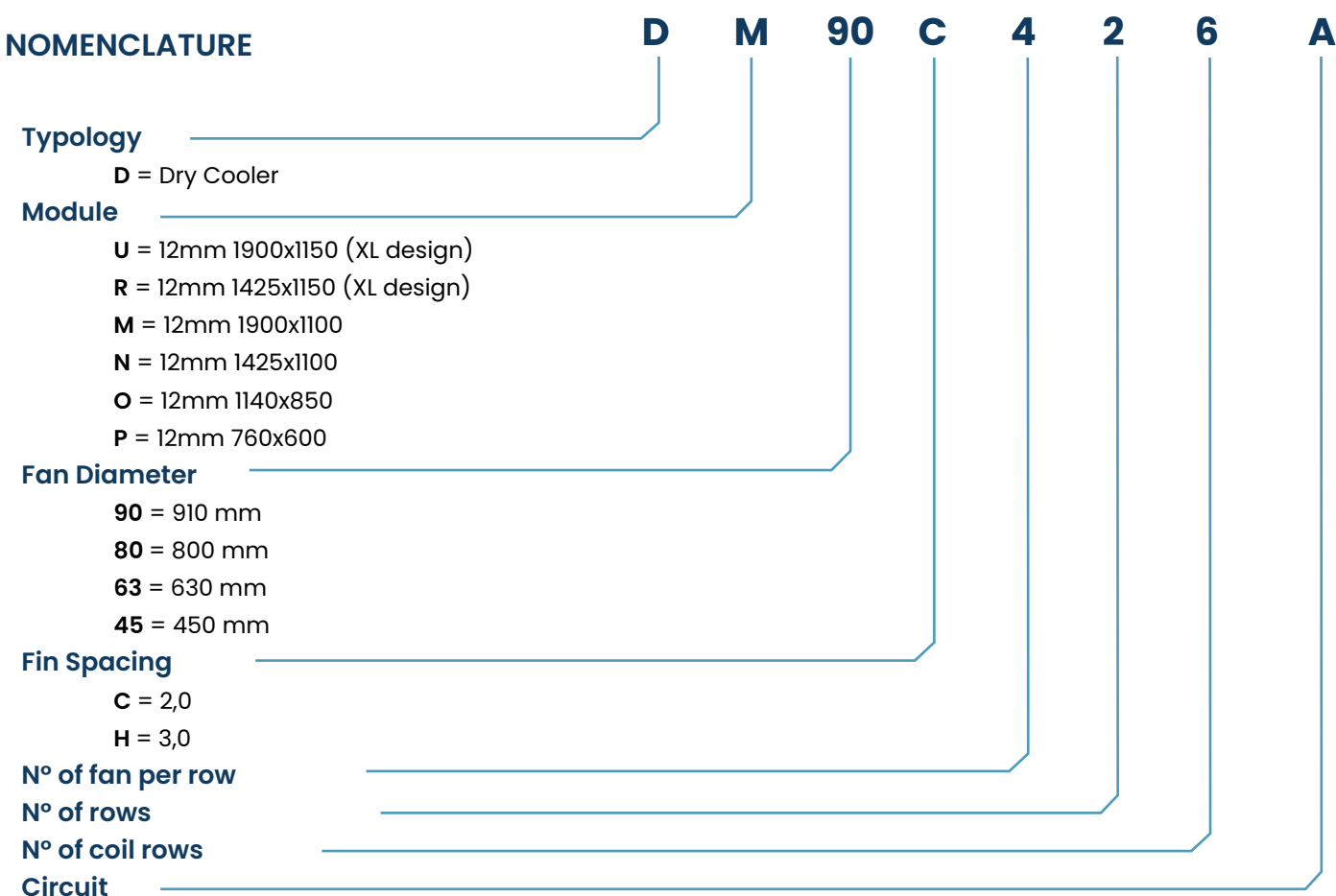
- Resistance and leaks tests up to 40 bar
- Burst tests up to 90 bar
- Equipment pressurized with nitrogen at 2.5bar

SUSTAINABILITY

- With a GWP of 0

TECHNICAL FEATURES

NOMENCLATURE



FINNED COILS

- Built with copper tubes Ø 12mm are manufactured in compliance with CUPROCLIMA specifications.
- The staggered arrangement of copper tubes across self-spaced, louvered fins accurately links tubes and fins for higher coil performance.
- FLOATING PACK SYSTEM allows coils to levitate to avoid leaks.
- All coils are subjected to resistance and leakage testing under a rated pressure of 40 bar and pressurized using nitrogen at 2.5 bar to avoid inner surface corrosion of the copper tubes.
- Welding Neck Flanges – Nominal Pressure 16 – DIN2633.
- Copper headers with brass screw connection (as standard).
- Copper headers with welded Neck Flanges – Nominal Pressure 16 – DIN2633 (as optional).

CASING

- Manufactured in galvanized steel with external surface painted epoxy-polyester and then baked and cured at 180° C for greater protection against corrosion even in extreme environmental conditions, also allowing the casing to meet more demanding food hygiene standards.

sion even in extreme environmental conditions, also allowing the casing to meet more demanding food hygiene standards.

- Internal separators avoid the “by-pass” effect during sequential operation of fans.
- Metallic protection on connections and return bends.
- Legs included in both positions, horizontal and vertical coil as standard.

FAN MOTORS

- Available fans’ diameters: Ø 450/630/800/910 mm.
- Axial fans with external rotor (380–480V III @ 50/60Hz).
- Standard EC fan motors that modulate rotation speed according to unit requirements, delivering excellent acoustic performance and peak operation.

CONSTRUCTION

- Can be specified with vertical or horizontal air inlets.

OPTIONS & ACCESORIES

COIL

- Flanges galvanized steel
- Flanges stainless steel
- Copper Fins
- Coated Fins
- AL-MG Fins
- AquaAero treatment
- Blygold treatment
- Other coil surface treatment

CASING

- Stainless steel casing
- Silentblocks

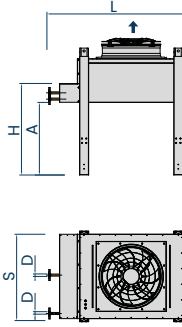
ELECTRICAL OPTIONS

- AC fans
- Fans speed controller
- Wiring to centralised electrical boxes
- Wiring to centralised electrical box with magnetothermics
- Shielded Wiring
- Individual service switch by fan
- Main service switch

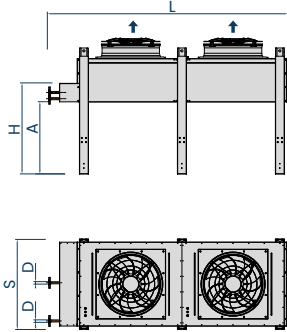
OTHER

- Adiabatic spray system

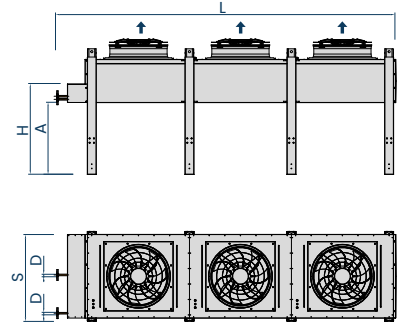
PRODUCT RANGE OVERVIEW



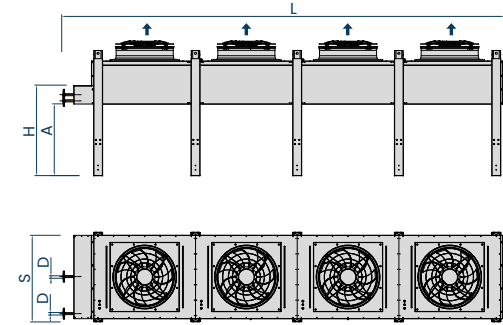
MODEL	L	S	H	A
DP45_11	1081	753	1270	636
DO63_11	1461	1003	1480	805
DN80_11	1746	1253	1901	1005
DN90_11	1746	1253	1901	1005
DM80_11	2221	1253	1901	1005
DM90_11	2221	1253	1901	1005



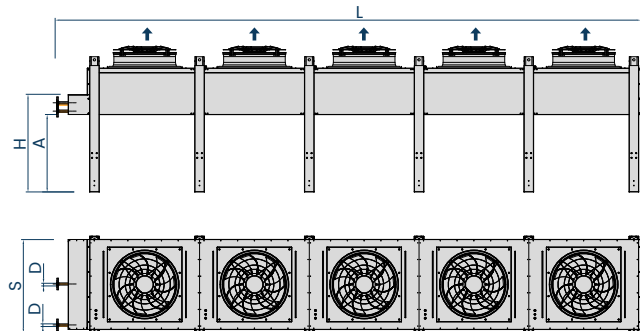
MODEL	L	S	H	A
DP45_21	1841	753	1270	636
DO63_21	2601	1003	1480	805
DN80_21	3171	1253	1901	1005
DN90_21	3171	1253	1901	1005
DM80_21	4121	1253	1901	1005
DM90_21	4121	1253	1901	1005



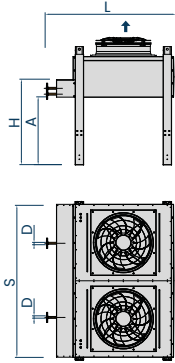
MODEL	L	S	H	A
DP45_31	2601	753	1270	636
DO63_31	3741	1003	1480	805
DN80_31	4596	1253	1901	1005
DN90_31	4596	1253	1901	1005
DM80_31	6021	1253	1901	1005
DM90_31	6021	1253	1901	1005



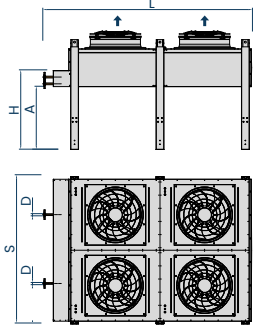
MODEL	L	S	H	A
DP45_41	3361	753	1270	636
DO63_41	4881	1003	1480	805
DN80_41	6021	1253	1901	1005
DN90_41	6021	1253	1901	1005
DM80_41	7921	1253	1901	1005
DM90_41	7921	1253	1901	1005



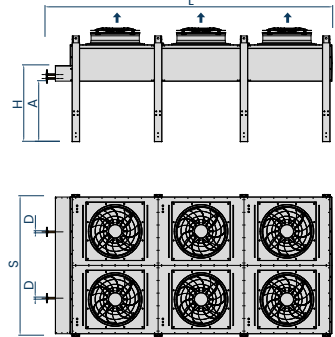
MODEL	L	S	H	A
DP45_51	4121	753	1270	636
DO63_51	6021	1003	1480	805
DN80_51	7446	1253	1901	1005
DN90_51	7446	1253	1901	1005
DU80_51	7630	1329	1585	800
DU90_51	7630	1329	1585	800
DR80_51	10005	1329	1585	800
DR90_51	10005	1329	1585	800



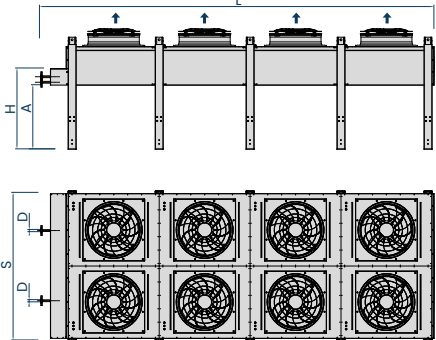
MODEL	L	S	H	A
DP45_12	1081	1353	1270	636
DO63_12	1461	1853	1480	805
DN80_12	1746	2353	1901	1005
DN90_12	1746	2353	1901	1005
DM80_12	2221	2353	1901	1005
DM90_12	2221	2353	1901	1005



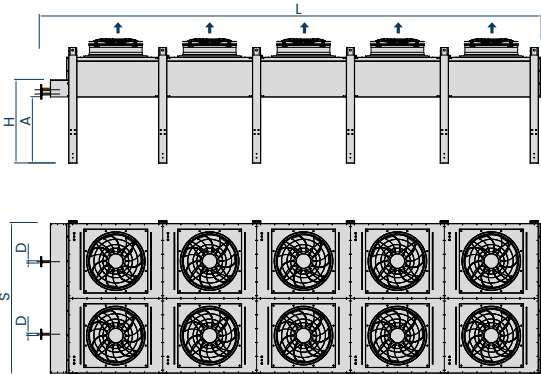
MODEL	L	S	H	A
DP45_22	1841	1353	1270	636
DO63_22	2601	1853	1480	805
DN80_22	3171	2353	1901	1005
DN90_22	3171	2353	1901	1005
DM80_22	4121	2353	1901	1005
DM90_22	4121	2353	1901	1005



MODEL	L	S	H	A
DP45_32	2601	1353	1270	636
DO63_32	3741	1853	1480	805
DN80_32	4596	2353	1901	1005
DN90_32	4596	2353	1901	1005
DM80_32	6021	2353	1901	1005
DM90_32	6021	2353	1901	1005

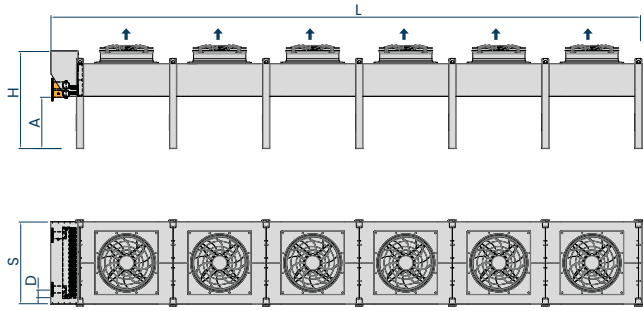


MODEL	L	S	H	A
DP45_42	3361	1353	1270	636
DO63_42	4881	1853	1480	805
DN80_42	4596	2353	1901	1005
DN90_42	6021	2353	1901	1005
DM80_42	7921	2353	1901	1005
DM90_42	7921	2353	1901	1005

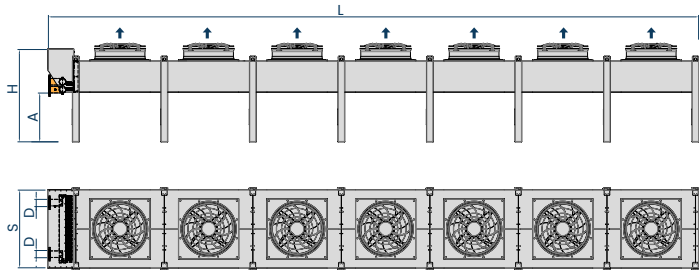


MODEL	L	S	H	A
DP45_52	4121	1353	1270	636
DO63_52	6021	1853	1480	805
DN80_52	7446	2353	1901	1005
DN90_52	7446	2353	1901	1005
DU80_52	7630	2408	1585	800
DU90_52	7630	2408	1585	800
DR80_52	10005	2408	1585	800
DR90_52	10005	2408	1585	800

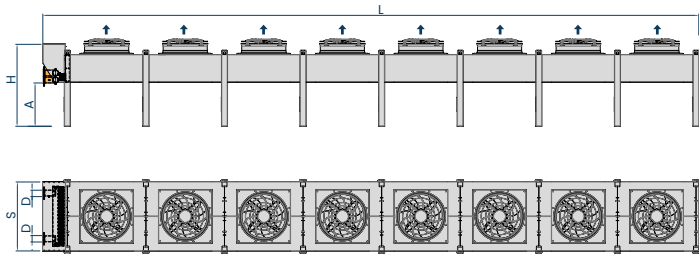
DRY COOLERS
FLAT DRY COOLER – D-Series



MODEL	L	S	H	A
DU80_61	9055	1329	1585	800
DU90_61	9055	1329	1585	800
DR80_61	11905	1329	1585	800
DR90_61	11905	1329	1585	800

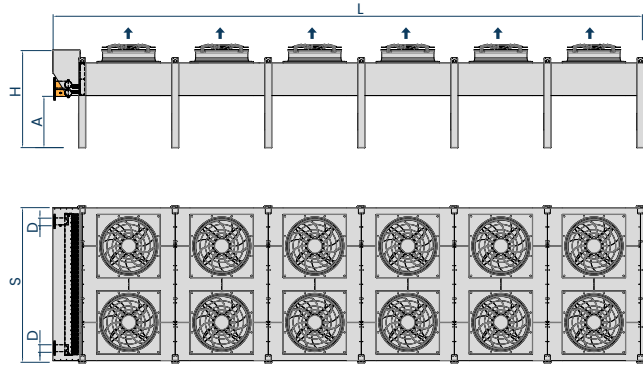


MODEL	L	S	H	A
DU80_71	10480	1329	1585	800
DU90_71	10480	1329	1585	800

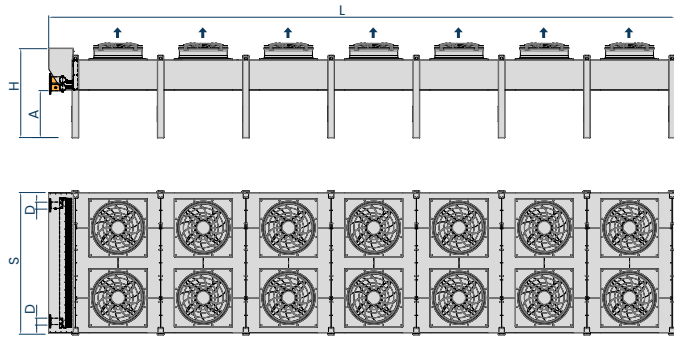


MODEL	L	S	H	A
DU80_81	11905	1329	1585	800
DU90_81	11905	1329	1585	800

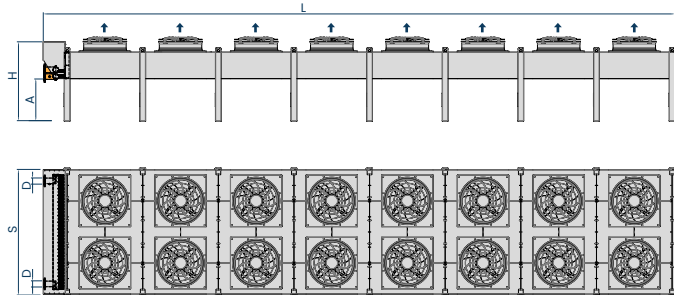
DRY COOLERS
FLAT DRY COOLER – D-Series



MODEL	L	S	H	A
DU80_62	9055	2408	1585	800
DU90_62	9055	2408	1585	800
DR80_62	11905	2408	1585	800
DR90_62	11905	2408	1585	800



MODEL	L	S	H	A
DU80_72	10480	2408	1585	800
DU90_72	10480	2408	1585	800



MODEL	L	S	H	A
DU80_82	11905	2408	1585	800
DU90_82	11905	2408	1585	800

TECHNICAL DATA

Fan ø= 450 mm

Fin pitch = 2,1 mm, RPM = 1.475

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20		m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DP45DI12 EC	11,9	47,0	20,7	3,0	5.686	42	1	0,3	1,5	33
DP45DI13 EC	15,0	46,0	30,9	4,2	5.334	41	1	0,4	1,6	38
DP45DI14 EC	17,2	82,0	41,3	6,0	5.019	41	1	0,4	1,7	42
DP45D212 EC	23,9	66,0	41,3	6,0	11.371	45	2	0,7	3,0	61
DP45D213 EC	30,0	54,0	62,0	9,0	10.668	44	2	0,7	3,2	70
DP45D214 EC	34,2	70,0	82,6	11,9	10.037	44	2	0,8	3,4	78
DP45D312 EC	36,0	76,0	62,0	9,0	17.057	46	3	1,0	4,5	89
DP45D313 EC	45,1	60,0	92,9	13,4	16.002	46	3	1,1	4,8	101
DP45D314 EC	51,3	66,0	123,8	17,9	15.055	45	3	1,1	5,1	113
DP45D412 EC	48,3	84,0	82,6	11,9	22.742	47	4	1,4	6,0	117
DP45D413 EC	60,5	66,0	123,6	17,2	21.336	47	4	1,5	6,4	133
DP45D414 EC	67,9	46,0	165,1	23,9	20.074	46	4	1,5	6,8	149
DP45D222 EC	47,8	66,0	82,6	11,9	22.742	48	4	1,4	6,0	116
DP45D223 EC	60,5	72,0	123,6	17,2	21.336	47	4	1,5	6,4	131
DP45D224 EC	68,4	70,0	165,1	23,9	20.074	47	4	1,5	6,8	147
DP45D322 EC	72,0	76,0	123,8	17,9	34.113	49	6	2,1	9,0	169
DP45D323 EC	90,4	56,0	185,7	26,8	32.004	49	6	2,2	9,6	192
DP45D324 EC	102,5	66,0	247,6	35,8	30.110	48	6	2,3	10,2	215
DP45D422 EC	96,5	84,0	165,1	23,9	45.484	50	8	2,7	12,0	222
DP45D423 EC	121,1	62,0	247,6	35,8	42.672	50	8	2,9	12,8	253
DP45D424 EC	135,8	46,0	330,2	47,7	40.147	49	8	3,0	13,6	283

Fan ø= 630 mm

Fin pitch = 2,1 mm, RPM = 1.200

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20	kPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DO63DI12 EC	25,8	49,0	44,7	6,2	12.462	45	1	0,8	1,5	63
DO63DI13 EC	33,6	82,0	66,8	9,0	11.885	45	1	0,9	1,6	72
DO63DI14 EC	38,1	66,0	89,3	12,4	11.369	45	1	0,9	1,6	80
DO63DI15 EC	41,3	75,0	111,8	16,2	10.902	45	1	1,0	1,7	89
DO63D212 EC	52,4	78,0	89,5	12,9	24.924	48	2	1,6	3,0	115
DO63D213 EC	66,5	59,0	134,1	19,4	23.770	48	2	1,8	3,2	132
DO63D214 EC	76,5	72,0	178,7	25,4	22.738	48	2	1,9	3,2	149
DO63D215 EC	82,1	56,0	223,2	31,3	21.804	48	2	1,9	3,4	167
DO63D312 EC	78,0	54,0	134,1	19,4	37.386	50	3	2,5	4,5	168
DO63D313 EC	99,2	39,0	200,9	28,3	35.654	49	3	2,6	4,8	193
DO63D314 EC	114,7	67,0	268,3	38,8	34.107	50	3	2,8	4,8	219
DO63D315 EC	123,1	53,0	335,1	47,7	32.706	50	3	2,9	5,1	244
DO63D412 EC	103,0	36,0	178,8	25,9	49.848	51	4	3,3	6,0	220
DO63D413 EC	131,0	27,0	268,3	38,8	47.539	50	4	3,5	6,4	254
DO63D414 EC	152,8	68,0	357,7	51,7	45.476	50	4	3,7	6,4	288
DO63D415 EC	164,1	51,0	447,1	64,6	43.608	51	4	3,9	6,8	321
DO63D222 EC	104,6	78,0	178,8	25,9	49.848	51	4	3,3	6,0	220
DO63D223 EC	133,2	55,0	268,3	38,8	47.539	50	4	3,5	6,4	252
DO63D224 EC	152,9	72,0	357,3	50,7	45.476	51	4	3,7	6,4	285
DO63D225 EC	165,3	83,0	446,9	64,1	43.608	51	4	3,9	6,8	318
DO63D512 EC	130,9	68,0	223,6	32,3	62.310	51	5	4,1	7,5	273
DO63D513 EC	166,3	51,0	335,3	48,5	59.424	51	5	4,4	8,0	315
DO63D514 EC	189,2	39,0	447,1	64,6	56.844	51	5	4,6	8,0	357
DO63D515 EC	203,2	30,0	558,9	80,8	54.510	52	5	4,8	8,5	398
DO63D322 EC	155,8	54,0	268,3	38,8	74.772	53	6	4,9	9,0	321
DO63D323 EC	198,3	39,0	402,4	58,2	71.308	52	6	5,3	9,6	369
DO63D324 EC	229,4	67,0	536,5	77,5	68.213	52	6	5,6	9,6	417
DO63D325 EC	246,2	51,0	670,7	96,9	65.412	53	6	5,8	10,2	466
DO63D422 EC	205,9	36,0	357,7	51,7	99.696	53	8	6,6	12,0	422
DO63D423 EC	261,9	27,0	536,5	77,5	95.078	53	8	7,1	12,8	486
DO63D424 EC	305,8	66,0	715,4	103,4	90.951	53	8	7,4	12,8	550
DO63D425 EC	328,2	51,0	894,2	129,2	87.216	54	8	7,7	13,6	614
DO63D522 EC	261,8	68,0	447,1	64,6	124.619	54	10	8,2	15,0	523
DO63D523 EC	332,6	51,0	670,7	96,9	118.847	54	10	8,8	16,0	602
DO63D524 EC	378,4	39,0	894,2	129,2	113.688	54	10	9,3	16,0	682
DO63D525 EC	406,4	30,0	1118,0	161,5	109.020	55	10	9,7	17,0	762

Fan ø= 800 mm

Fin pitch = 2,1 mm, RPM = 950

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20	kPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DN80D112 EC	42,3	60,0	72,9	9,9	20.324	43	1	1,7	2,6	108
DN80D113 EC	54,1	85,0	109,3	14,9	19.054	44	1	1,7	2,6	122
DN80D114 EC	60,8	60,0	145,8	20,2	17.934	45	1	1,8	2,7	136
DN80D115 EC	64,9	83,0	182,7	26,4	16.937	46	1	1,8	2,8	150
DN80D116 EC	66,6	76,0	219,3	31,7	16.041	47	1	1,8	2,8	164
DN80D212 EC	85,6	71,0	146,2	21,1	40.647	46	2	3,3	5,2	202
DN80D213 EC	107,3	54,0	219,0	31,1	38.107	46	2	3,4	5,2	230
DN80D214 EC	122,0	74,0	292,3	42,3	35.868	47	2	3,5	5,4	257
DN80D215 EC	129,2	55,0	365,2	52,2	33.873	49	2	3,6	5,6	284
DN80D216 EC	133,1	69,0	438,5	63,4	32.082	50	2	3,6	5,6	311
DN80D312 EC	125,4	30,0	219,3	31,7	60.971	48	3	5,0	7,8	296
DN80D313 EC	162,2	71,0	328,9	47,5	57.161	48	3	5,1	7,8	337
DN80D314 EC	182,0	53,0	438,5	63,4	53.802	49	3	5,3	8,1	377
DN80D315 EC	192,7	40,0	547,8	78,3	50.810	50	3	5,3	8,4	417
DN80D316 EC	199,6	67,0	657,8	95,1	48.123	52	3	5,4	8,4	458
DN80D412 EC	170,9	68,0	292,3	42,3	81.294	49	4	6,6	10,4	390
DN80D413 EC	214,7	50,0	438,5	63,4	76.214	49	4	6,8	10,4	444
DN80D414 EC	241,0	37,0	584,7	84,5	71.736	50	4	7,0	10,8	498
DN80D415 EC	255,4	28,0	730,9	105,6	67.746	51	4	7,1	11,2	551
DN80D416 EC	266,1	66,0	877,0	126,7	64.163	53	4	7,2	11,2	605
DN80D222 EC	171,0	71,0	292,3	42,3	81.294	49	4	6,6	10,4	390
DN80D223 EC	214,8	52,0	438,5	63,4	76.214	49	4	6,8	10,4	442
DN80D224 EC	244,0	74,0	584,7	84,5	71.736	50	4	7,0	10,8	495
DN80D225 EC	258,4	55,0	730,9	105,6	67.746	51	4	7,1	11,2	547
DN80D226 EC	266,2	69,0	877,0	126,7	64.163	53	4	7,2	11,2	600
DN80D512 EC	205,1	17,0	365,4	52,8	101.618	50	5	8,3	13,0	484
DN80D513 EC	258,2	13,0	548,2	79,2	95.267	50	5	8,6	13,0	551
DN80D514 EC	304,9	69,0	730,9	105,6	89.670	51	5	8,8	13,5	618
DN80D515 EC	322,8	52,0	913,6	132,0	84.683	52	5	8,9	14,0	685
DN80D516 EC	330,4	39,0	1096,0	158,4	80.204	53	5	9,0	14,0	751
DN80D322 EC	250,7	30,0	438,5	63,4	121.941	51	6	9,9	15,6	573
DN80D323 EC	324,4	71,0	657,8	95,1	114.321	51	6	10,3	15,6	651
DN80D324 EC	364,0	53,0	877,0	126,7	107.604	52	6	10,5	16,2	729
DN80D325 EC	385,5	39,0	1096,0	158,4	101.619	53	6	10,7	16,8	807
DN80D326 EC	399,3	67,0	1316,0	190,1	96.245	54	6	10,8	16,8	885
DN80D422 EC	341,8	68,0	584,7	84,5	162.588	51	8	13,2	20,8	756
DN80D423 EC	429,3	50,0	877,0	126,7	152.428	52	8	13,7	20,8	859
DN80D424 EC	482,1	37,0	1169,0	169,0	143.471	53	8	14,0	21,6	963
DN80D425 EC	510,8	28,0	1462,0	211,2	135.492	54	8	14,3	22,4	1066
DN80D426 EC	532,3	66,0	1754,0	253,5	128.326	55	8	14,4	22,4	1169
DN80D522 EC	410,3	17,0	730,9	105,6	203.235	52	10	16,5	26,0	939
DN80D523 EC	516,3	13,0	1096,0	158,4	190.534	53	10	17,1	26,0	1068
DN80D524 EC	609,9	69,0	1462,0	211,2	179.339	54	10	17,5	27,0	1197
DN80D525 EC	645,6	52,0	1827,0	264,0	169.365	55	10	17,8	28,0	1325
DN80D526 EC	660,7	39,0	2193,0	316,8	160.407	56	10	18,0	28,0	1454

Fan ø= 900 mm

Fin pitch = 2,1 mm, RPM = 1.100

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20	kPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DN90D112 EC	50,3	82,0	73,0	10,3	27.218	52	1	2,7	4,1	120
DN90D113 EC	64,3	58,0	109,3	14,9	25.384	53	1	2,8	4,3	134
DN90D114 EC	74,0	61,0	146,2	21,1	23.785	54	1	2,9	4,4	148
DN90D115 EC	79,6	70,0	182,7	26,4	22.380	55	1	3,0	4,6	162
DN90D116 EC	82,7	70,0	219,0	31,1	21.138	56	1	3,1	4,7	176
DN90D212 EC	99,4	44,0	146,2	21,1	54.435	55	2	5,3	8,2	226
DN90D213 EC	129,7	75,0	219,0	31,1	50.767	56	2	5,6	8,6	254
DN90D214 EC	147,7	55,0	292,3	42,3	47.570	57	2	5,8	8,8	281
DN90D215 EC	160,1	80,0	365,2	52,2	44.759	58	2	6,0	9,2	308
DN90D216 EC	165,3	63,0	438,5	63,4	42.276	59	2	6,1	9,4	335
DN90D312 EC	149,1	41,0	219,3	31,7	81.653	57	3	8,0	12,3	332
DN90D313 EC	190,4	31,0	328,9	47,5	76.151	58	3	8,4	12,9	373
DN90D314 EC	222,9	76,0	438,5	63,4	71.354	59	3	8,8	13,2	413
DN90D315 EC	238,7	58,0	548,2	79,2	67.139	60	3	9,0	13,8	453
DN90D316 EC	246,7	44,0	657,8	95,1	63.413	61	3	9,2	14,1	494
DN90D412 EC	189,8	12,0	292,3	42,3	108.870	58	4	10,7	16,4	438
DN90D413 EC	259,4	69,0	438,5	63,4	101.534	59	4	11,3	17,2	492
DN90D414 EC	295,1	52,0	584,7	84,5	95.139	59	4	11,7	17,6	546
DN90D415 EC	316,2	40,0	730,9	105,6	89.518	61	4	12,0	18,4	599
DN90D416 EC	326,9	31,0	877,0	126,7	84.551	62	4	12,2	18,8	653
DN90D222 EC	198,9	42,0	292,3	42,3	108.870	58	4	10,7	16,4	438
DN90D223 EC	259,6	73,0	438,5	63,4	101.534	59	4	11,3	17,2	490
DN90D224 EC	295,3	55,0	584,7	84,5	95.139	59	4	11,7	17,6	543
DN90D225 EC	320,1	80,0	730,9	105,6	89.518	61	4	12,0	18,4	595
DN90D226 EC	330,6	62,0	877,0	126,7	84.551	62	4	12,2	18,8	648
DN90D512 EC	243,8	23,0	365,4	52,8	136.087	59	5	13,4	20,5	544
DN90D513 EC	311,5	18,0	548,2	79,2	126.917	59	5	14,1	21,5	611
DN90D514 EC	355,2	13,0	730,9	105,6	118.923	60	5	14,6	22,0	678
DN90D515 EC	399,9	75,0	913,6	132,0	111.897	61	5	15,0	23,0	745
DN90D516 EC	413,1	58,0	1096,0	158,4	105.688	63	5	15,3	23,5	811
DN90D322 EC	298,2	41,0	438,5	63,4	163.305	60	6	16,0	24,6	645
DN90D323 EC	380,7	31,0	657,8	95,1	152.301	60	6	16,9	25,8	723
DN90D324 EC	445,8	76,0	877,0	126,7	142.708	61	6	17,5	26,4	801
DN90D325 EC	477,4	57,0	1096,0	158,4	134.277	62	6	18,0	27,6	879
DN90D326 EC	493,5	44,0	1316,0	190,1	126.826	64	6	18,3	28,2	957
DN90D422 EC	379,7	12,0	584,7	84,5	217.739	60	8	21,4	32,8	852
DN90D423 EC	518,9	69,0	877,0	126,7	203.067	61	8	22,5	34,4	955
DN90D424 EC	590,2	52,0	1169,0	169,0	190.277	62	8	23,3	35,2	1059
DN90D425 EC	632,3	40,0	1462,0	211,2	179.035	63	8	24,0	36,8	1162
DN90D426 EC	653,8	31,0	1754,0	253,5	169.101	64	8	24,5	37,6	1265
DN90D522 EC	487,7	23,0	730,9	105,6	272.174	61	10	26,7	41,0	1059
DN90D523 EC	623,1	18,0	1096,0	158,4	253.834	62	10	28,1	43,0	1188
DN90D524 EC	710,3	13,0	1462,0	211,2	237.846	63	10	29,2	44,0	1317
DN90D525 EC	799,8	75,0	1827,0	264,0	223.794	64	10	30,0	46,0	1445
DN90D526 EC	826,2	58,0	2193,0	316,8	211.376	65	10	30,6	47,0	1574

Fan ø= 800 mm

Fin pitch = 2,1 mm, RPM = 950

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20		m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DM80D112 EC	49,2	61,0	97,3	13,7	21.429	44	1	1,6	2,5	124
DM80D113 EC	62,3	71,0	146,2	21,1	20.537	43	1	1,6	2,5	142
DM80D114 EC	70,7	72,0	194,9	28,2	19.719	43	1	1,7	2,6	161
DM80D115 EC	75,5	82,0	243,5	34,8	18.965	44	1	1,7	2,7	179
DM80D116 EC	78,0	80,0	292,1	41,4	18.268	44	1	1,7	2,7	197
DM80D212 EC	98,3	57,0	194,9	28,2	42.857	47	2	3,2	5,0	234
DM80D213 EC	123,6	39,0	292,3	42,3	41.073	46	2	3,3	5,0	270
DM80D214 EC	141,2	67,0	389,8	56,3	39.438	46	2	3,4	5,2	306
DM80D215 EC	150,2	51,0	486,9	69,6	37.930	46	2	3,4	5,4	341
DM80D216 EC	155,9	75,0	584,7	84,5	36.535	47	2	3,5	5,4	377
DM80D312 EC	147,6	52,0	292,3	42,3	64.285	49	3	4,8	7,5	343
DM80D313 EC	185,3	38,0	438,5	63,4	61.609	48	3	4,9	7,5	397
DM80D314 EC	208,7	29,0	584,7	84,5	59.156	48	3	5,1	7,8	450
DM80D315 EC	226,3	70,0	730,9	105,6	56.895	48	3	5,1	8,1	504
DM80D316 EC	233,2	52,0	877,0	126,7	54.802	49	3	5,2	8,1	558
DM80D412 EC	190,4	16,0	389,8	56,3	85.713	49	4	6,4	10,0	453
DM80D413 EC	239,5	12,0	584,7	84,5	82.145	49	4	6,6	10,0	524
DM80D414 EC	282,3	64,0	779,6	112,7	78.875	49	4	6,7	10,4	595
DM80D415 EC	300,4	48,0	974,5	140,8	75.860	49	4	6,9	10,8	667
DM80D416 EC	309,6	37,0	1169,0	169,0	73.069	49	4	7,0	10,8	738
DM80D222 EC	196,8	54,0	389,8	56,3	85.713	50	4	6,4	10,0	449
DM80D223 EC	247,2	39,0	584,7	84,5	82.145	49	4	6,6	10,0	519
DM80D224 EC	282,4	67,0	779,6	112,7	78.875	49	4	6,7	10,4	588
DM80D225 EC	300,5	50,0	974,5	140,8	75.860	49	4	6,9	10,8	657
DM80D226 EC	311,9	73,0	1169,0	169,0	73.069	50	4	7,0	10,8	727
DM80D322 EC	295,2	52,0	584,7	84,5	128.570	51	6	9,5	15,0	662
DM80D323 EC	370,6	38,0	877,0	126,7	123.218	51	6	9,9	15,0	765
DM80D324 EC	417,4	29,0	1169,0	169,0	118.312	50	6	10,1	15,6	869
DM80D325 EC	452,7	69,0	1462,0	211,2	113.789	51	6	10,3	16,2	972
DM80D326 EC	466,4	52,0	1754,0	253,5	109.603	51	6	10,4	16,2	1075
DM80D422 EC	380,7	16,0	779,6	112,7	171.426	52	8	12,7	20,0	874
DM80D423 EC	479,0	12,0	1169,0	169,0	164.290	51	8	13,1	20,0	1012
DM80D424 EC	564,7	64,0	1559,0	225,3	157.749	51	8	13,5	20,8	1149
DM80D425 EC	600,9	48,0	1949,0	281,6	151.719	52	8	13,7	21,6	1286
DM80D426 EC	619,2	37,0	2339,0	338,0	146.137	52	8	13,9	21,6	1424

Fan ø= 900 mm

Fin pitch = 2,1 mm, RPM = 1.100

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20	kPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DM90D112 EC	59,2	84,0	97,3	13,7	28.829	52	1	2,5	3,9	136
DM90D113 EC	75,7	60,0	146,2	21,1	27.527	52	1	2,6	4,0	154
DM90D114 EC	87,1	74,0	194,6	27,3	26.342	53	1	2,7	4,2	173
DM90D115 EC	94,3	82,0	243,5	34,8	25.257	53	1	2,8	4,3	191
DM90D212 EC	118,2	78,0	194,9	28,2	57.657	55	2	5,0	7,8	258
DM90D213 EC	151,1	56,0	292,3	42,3	55.054	55	2	5,3	8,0	294
DM90D214 EC	172,4	43,0	389,8	56,3	52.683	55	2	5,5	8,4	330
DM90D215 EC	188,4	76,0	486,9	69,6	50.513	56	2	5,6	8,6	365
DM90D312 EC	177,5	72,0	292,3	42,3	86.485	57	3	7,6	11,7	379
DM90D313 EC	226,6	55,0	438,5	63,4	82.580	57	3	7,9	12,0	433
DM90D314 EC	258,6	42,0	584,7	84,5	79.025	57	3	8,2	12,6	486
DM90D315 EC	278,6	32,0	730,9	105,6	75.769	58	3	8,5	12,9	540
DM90D412 EC	228,7	22,0	389,8	56,3	115.313	57	4	10,1	15,6	501
DM90D413 EC	292,4	17,0	584,7	84,5	110.107	58	4	10,6	16,0	572
DM90D414 EC	334,4	13,0	779,6	112,7	105.366	58	4	11,0	16,8	643
DM90D415 EC	376,8	72,0	974,5	140,8	101.025	58	4	11,3	17,2	715
DM90D222 EC	236,6	75,0	389,8	56,3	115.313	58	4	10,1	15,6	497
DM90D223 EC	302,2	56,0	584,7	84,5	110.107	58	4	10,6	16,0	567
DM90D224 EC	344,9	43,0	779,6	112,7	105.366	58	4	11,0	16,8	636
DM90D225 EC	376,9	75,0	974,5	140,8	101.025	59	4	11,3	17,2	705
DM90D322 EC	354,9	72,0	584,7	84,5	172.970	59	6	15,1	23,4	734
DM90D323 EC	453,1	55,0	877,0	126,7	165.160	59	6	15,9	24,0	837
DM90D324 EC	517,3	42,0	1169,0	169,0	158.049	60	6	16,5	25,2	941
DM90D325 EC	557,2	32,0	1462,0	211,2	151.537	60	6	16,9	25,8	1044
DM90D422 EC	457,3	22,0	779,6	112,7	230.626	60	8	20,2	31,2	970
DM90D423 EC	584,8	17,0	1169,0	169,0	220.213	60	8	21,2	32,0	1108
DM90D424 EC	668,8	13,0	1559,0	225,3	210.731	61	8	21,9	33,6	1245
DM90D425 EC	753,5	72,0	1949,0	281,6	202.050	61	8	22,6	34,4	1382

Fan ø= 800 mm

Fin pitch = 2,1 mm, RPM = 950

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20		m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DU80D513 EC	258,2	13,0	548,2	79,2	95.267	50	5	8,6	13,0	551
DU80D514 EC	304,9	69,0	730,9	105,6	89.670	51	5	8,8	13,5	618
DU80D515 EC	322,8	52,0	913,6	132,0	84.683	52	5	8,9	14,0	685
DU80D613 EC	315,1	21,0	657,8	95,1	114.321	51	6	10,3	15,6	658
DU80D614 EC	354,3	16,0	877,0	126,7	107.604	52	6	10,5	16,2	738
DU80D615 EC	375,9	12,0	1096,0	158,4	101.619	53	6	10,7	16,8	818
DU80D323 EC	324,4	71,0	657,8	95,1	114.321	51	6	10,3	15,6	651
DU80D324 EC	364,0	53,0	877,0	126,7	107.604	52	6	10,5	16,2	729
DU80D325 EC	385,5	39,0	1096,0	158,4	101.619	53	6	10,7	16,8	807
DU80D713 EC	372,1	33,0	767,4	110,9	133.374	51	7	12,0	18,2	766
DU80D714 EC	418,0	25,0	1023,0	147,9	125.537	52	7	12,3	18,9	859
DU80D715 EC	443,2	19,0	1279,0	184,8	118.555	53	7	12,5	19,6	952
DU80D813 EC	429,1	48,0	877,0	126,7	152.428	51	8	13,7	20,8	873
DU80D814 EC	481,9	36,0	1169,0	169,0	143.471	52	8	14,0	21,6	979
DU80D815 EC	510,6	27,0	1462,0	211,2	135.492	54	8	14,3	22,4	1086
DU80D423 EC	429,3	50,0	877,0	126,7	152.428	52	8	13,7	20,8	859
DU80D424 EC	482,1	37,0	1169,0	169,0	143.471	53	8	14,0	21,6	963
DU80D425 EC	510,8	28,0	1462,0	211,2	135.492	54	8	14,3	22,4	1066
DU80D523 EC	516,3	13,0	1096,0	158,4	190.534	52	10	17,1	26,0	1068
DU80D524 EC	609,9	69,0	1462,0	211,2	179.339	53	10	17,5	27,0	1197
DU80D525 EC	645,6	52,0	1827,0	264,0	169.365	55	10	17,8	28,0	1325
DU80D623 EC	630,2	21,0	1316,0	190,1	228.641	53	12	20,5	31,2	1276
DU80D624 EC	708,5	16,0	1754,0	253,5	215.207	54	12	21,0	32,4	1430
DU80D625 EC	751,9	12,0	2193,0	316,8	203.238	56	12	21,4	33,6	1585
DU80D723 EC	744,1	33,0	1535,0	221,8	266.748	54	14	24,0	36,4	1485
DU80D724 EC	836,1	25,0	2046,0	295,7	251.074	55	14	24,5	37,8	1664
DU80D725 EC	886,5	19,0	2558,0	369,6	237.110	56	14	24,9	39,2	1844
DU80D823 EC	858,3	48,0	1754,0	253,5	304.855	55	16	27,4	41,6	1693
DU80D824 EC	963,8	36,0	2339,0	338,0	286.942	56	16	28,0	43,2	1898
DU80D825 EC	1021,0	27,0	2923,0	422,4	270.983	57	16	28,5	44,8	2104

Fan ø= 900 mm

Fin pitch = 2,1 mm, RPM = 1.100

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20	kPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DU90D513 EC	311,5	18,0	548,2	79,2	126.917	59	5	14,1	21,5	611
DU90D514 EC	355,2	13,0	730,9	105,6	118.923	60	5	14,6	22,0	678
DU90D515 EC	399,9	75,0	913,6	132,0	111.897	61	5	15,0	23,0	745
DU90D613 EC	380,4	30,0	657,8	95,1	152.301	60	6	16,9	25,8	730
DU90D614 EC	433,3	23,0	877,0	126,7	142.708	61	6	17,5	26,4	810
DU90D615 EC	464,9	17,0	1096,0	158,4	134.277	62	6	18,0	27,6	890
DU90D323 EC	380,7	31,0	657,8	95,1	152.301	60	6	16,9	25,8	723
DU90D324 EC	445,8	76,0	877,0	126,7	142.708	61	6	17,5	26,4	801
DU90D325 EC	477,4	57,0	1096,0	158,4	134.277	62	6	18,0	27,6	879
DU90D713 EC	449,5	46,0	767,4	110,9	177.684	61	7	19,7	30,1	850
DU90D714 EC	511,6	35,0	1023,0	147,9	166.493	61	7	20,4	30,8	943
DU90D715 EC	548,4	27,0	1279,0	184,8	156.656	63	7	21,0	32,2	1036
DU90D813 EC	518,6	67,0	877,0	126,7	203.067	61	8	22,5	34,4	969
DU90D814 EC	590,0	51,0	1169,0	169,0	190.277	62	8	23,3	35,2	1075
DU90D815 EC	632,1	39,0	1462,0	211,2	179.035	63	8	24,0	36,8	1182
DU90D423 EC	518,9	69,0	877,0	126,7	203.067	61	8	22,5	34,4	955
DU90D424 EC	590,2	52,0	1169,0	169,0	190.277	62	8	23,3	35,2	1059
DU90D425 EC	632,3	40,0	1462,0	211,2	179.035	63	8	24,0	36,8	1162
DU90D523 EC	623,1	18,0	1096,0	158,4	253.834	62	10	28,1	43,0	1188
DU90D524 EC	710,3	13,0	1462,0	211,2	237.846	63	10	29,2	44,0	1317
DU90D525 EC	799,8	75,0	1827,0	264,0	223.794	64	10	30,0	46,0	1445
DU90D623 EC	760,9	30,0	1316,0	190,1	304.601	63	12	33,8	51,6	1420
DU90D624 EC	866,6	23,0	1754,0	253,5	285.416	64	12	35,0	52,8	1574
DU90D625 EC	929,7	17,0	2193,0	316,8	268.553	65	12	35,9	55,2	1729
DU90D723 EC	899,0	46,0	1535,0	221,8	355.367	64	14	39,4	60,2	1653
DU90D724 EC	1023,0	35,0	2046,0	295,7	332.985	65	14	40,8	61,6	1832
DU90D725 EC	1097,0	27,0	2558,0	369,6	313.312	66	14	41,9	64,4	2012
DU90D823 EC	1037,0	67,0	1754,0	253,5	406.134	65	16	45,0	68,8	1885
DU90D824 EC	1180,0	51,0	2339,0	338,0	380.554	66	16	46,7	70,4	2090
DU90D825 EC	1264,0	39,0	2923,0	422,4	358.070	67	16	47,9	73,6	2296

Fan ø= 800 mm

Fin pitch = 2,1 mm, RPM = 950

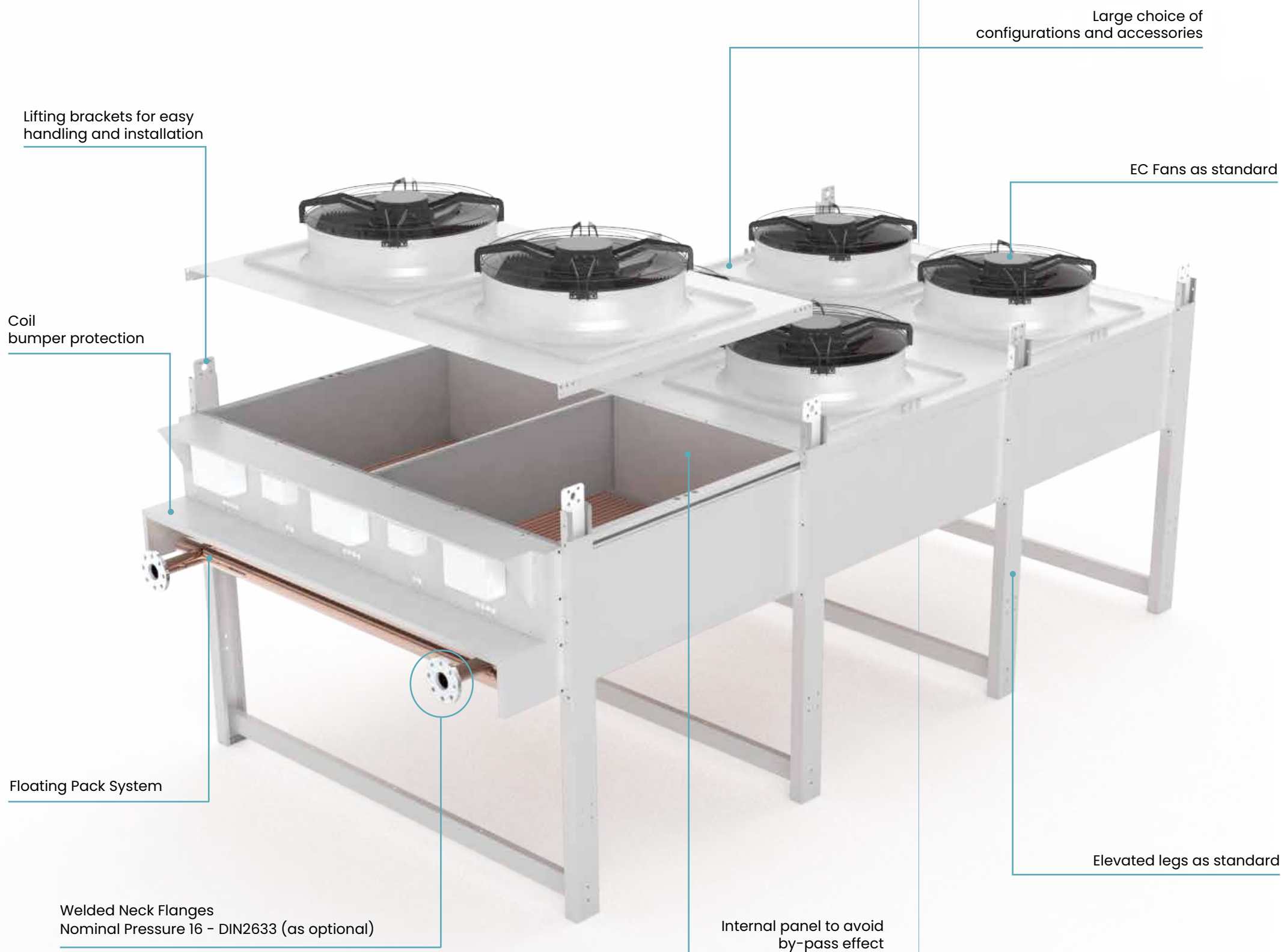
Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20		m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DR80D513 EC	304,9	22,0	730,9	105,6	102.682	49	5	8,2	12,5	652
DR80D514 EC	343,7	17,0	974,5	140,8	98.593	49	5	8,4	13,0	740
DR80D515 EC	366,5	13,0	1218,0	176,0	94.824	49	5	8,6	13,5	829
DR80D613 EC	370,5	37,0	877,0	126,7	123.218	50	6	9,9	15,0	779
DR80D614 EC	417,3	28,0	1169,0	169,0	118.312	50	6	10,1	15,6	885
DR80D615 EC	444,5	21,0	1462,0	211,2	113.789	50	6	10,3	16,2	992
DR80D323 EC	370,6	38,0	877,0	126,7	123.218	50	6	9,9	15,0	765
DR80D324 EC	417,4	29,0	1169,0	169,0	118.312	50	6	10,1	15,6	869
DR80D325 EC	452,7	69,0	1462,0	211,2	113.789	50	6	10,3	16,2	972
DR80D423 EC	479,0	12,0	1169,0	169,0	164.290	51	8	13,1	20,0	1012
DR80D424 EC	564,7	64,0	1559,0	225,3	157.749	51	8	13,5	20,8	1149
DR80D425 EC	600,9	48,0	1949,0	281,6	151.719	51	8	13,7	21,6	1286
DR80D523 EC	609,9	22,0	1462,0	211,2	205.363	51	10	16,4	25,0	1258
DR80D524 EC	687,5	17,0	1949,0	281,6	197.186	51	10	16,8	26,0	1429
DR80D525 EC	733,1	13,0	2436,0	352,0	189.648	52	10	17,2	27,0	1601
DR80D623 EC	741,0	37,0	1754,0	253,5	246.435	52	12	19,7	30,0	1505
DR80D624 EC	834,5	28,0	2339,0	338,0	236.623	52	12	20,2	31,2	1710
DR80D625 EC	889,1	21,0	2923,0	422,4	227.578	52	12	20,6	32,4	1915

Fan ø= 900 mm

Fin pitch = 2,1 mm, RPM = 1.100

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC20	kPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DR90D513 EC	372,6	32,0	730,9	105,6	137.633	58	5	13,2	20,0	712
DR90D514 EC	425,7	24,0	974,5	140,8	131.707	58	5	13,7	21,0	800
DR90D515 EC	458,9	19,0	1218,0	176,0	126.281	59	5	14,1	21,5	889
DR90D613 EC	452,9	53,0	877,0	126,7	165.160	59	6	15,9	24,0	851
DR90D614 EC	517,1	41,0	1169,0	169,0	158.049	59	6	16,5	25,2	957
DR90D615 EC	557,0	31,0	1462,0	211,2	151.537	60	6	16,9	25,8	1064
DR90D323 EC	453,1	55,0	877,0	126,7	165.160	59	6	15,9	24,0	837
DR90D324 EC	517,3	42,0	1169,0	169,0	158.049	59	6	16,5	25,2	941
DR90D325 EC	557,2	32,0	1462,0	211,2	151.537	60	6	16,9	25,8	1044
DR90D423 EC	584,8	17,0	1169,0	169,0	220.213	60	8	21,2	32,0	1108
DR90D424 EC	668,8	13,0	1559,0	225,3	210.731	60	8	21,9	33,6	1245
DR90D425 EC	753,5	72,0	1949,0	281,6	202.050	60	8	22,6	34,4	1382
DR90D523 EC	745,2	32,0	1462,0	211,2	275.266	60	10	26,4	40,0	1378
DR90D524 EC	851,3	24,0	1949,0	281,6	263.414	61	10	27,4	42,0	1549
DR90D525 EC	917,8	19,0	2436,0	352,0	252.562	61	10	28,2	43,0	1721
DR90D623 EC	905,9	53,0	1754,0	253,5	330.319	61	12	31,7	48,0	1649
DR90D624 EC	1034,0	41,0	2339,0	338,0	316.097	62	12	32,9	50,4	1854
DR90D625 EC	1114,0	31,0	2923,0	422,4	303.074	62	12	33,9	51,6	2059

DISTINCTIVE TECHNOLOGICAL CHOICES OF THE RANGE



Internal structure to avoid the by-pass effect



Lifting brackets



Coil bumper protection



V SHAPED DRY COOLER

The reliable, efficient, and sustainable cooling solution for outdoor use, ideal for installations where footprint is limited.

KDV

Cooling capacity from 150 kW to 1.500 kW



ENEX TECHNOLOGIES presents the **V-Shaped Dry Cooler** range for industrial and commercial applications. This product line is designed to meet or exceed customer need including energy efficiency, ergonomics, space, etc.

All ENEX TECHNOLOGIES products are designed and conceived with levels of excellence in food preservation, robustly built to withstand every weather condition including heavy snow and wind, ensuring long life.

Ready to use in Industrial Refrigeration, Energy & Process Cooling, IT Cooling and HVAC applications, our V-Shaped Dry Cooler line consists of more than 200 models of axial dry coolers for commercial and industrial applications, available in cooling capacities between 150 and 1.500 KW.

All ENEX TECHNOLOGIES V-shaped dry coolers offer low noise levels and minimum energy consumption. All models can be fitted with optional EC fan motors. Fan speed can be controlled electronically to increase energy savings.

Our complete portfolio offers a large range of configurations and accessories are available to meet any specification and can be customized according to the application.

LEADING PROFESSIONAL SOLUTIONS IN HEAT REJECTION

ENEX TECHNOLOGIES' assessment of V-Shaped Dry Cooler performance parameters under different conditions and control strategies is essential to designing and optimizing the units for specific applications.

Our V-SHAPED DRY COOLERS are offered in the following range:

RANGE	STANDARD CONDITIONS SC15 (kW)
KDV	150 - 1500

Standard Conditions SC15: Fluid: Water, Fluid Inlet T° 40°C, Fluid Outlet T° 35°C, Air inlet T° 25

MAIN FEATURES

With more than 400 years of combined experience in design, production and distribution and doing business in over 125 countries, ENEX TECHNOLOGIES flat dry cooler line offers customers a wide spectrum of benefits including, but not limited to:

HIGH PERFORMANCE

- The EC fans adapt to the needs of the installation application with minimal energy consumption (30% savings compared to an AC fan).
- Copper tubes are staggered across self-spaced louvered fins to achieve high performance.

SAVING FOOTPRINT

- V-shaped configuration of coils delivers high performance and low noise levels while minimizing footprint.

CUSTOMIZATION ON DEMAND

- Highest level of customization available to meet application requirements.

LONG PRODUCT LIFE

- Strong and robust design includes high quality components to meet all thermodynamic and product life cycle requirements.
- 10 surface treatments available to increase product life cycle in challenging environments.

SELECTION SOFTWARE

- Our proprietary selection software gives customers flexibility in adjusting settings as parameters of the application change.

SAFETY & RELIABILITY

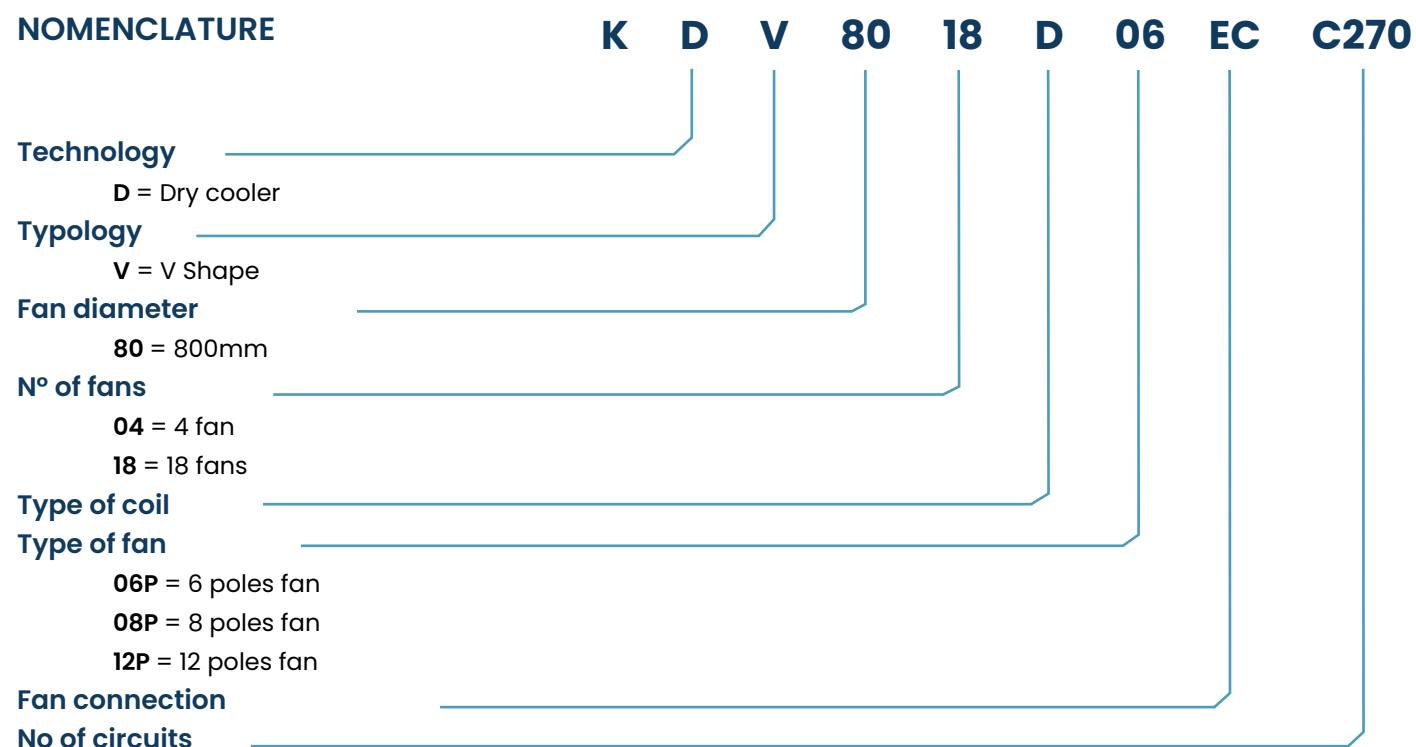
- Resistance and leaks tests up to 23 bar
- Burst tests up to 48 bar
- Equipment pressurized with nitrogen at 2bar

SUSTAINABILITY

- With a GWP of 0

TECHNICAL FEATURES

NOMENCLATURE



FINNED COILS

- All of our Ø 12mm copper tubes are built in compliance with CUPROCLIMA specifications.
- The staggered arrangement of copper tubes across self-spaced, louvered fins accurately links tubes and fins for higher coil performance.
- FLOATING PACK SYSTEM allows coils to levitate to avoid leaks.
- All coils are subjected to resistance and leakage testing under a rated pressure of 23 bar (PS 16bar) and pressurized using nitrogen at 2 bar to avoid inner surface corrosion of the of the copper tubes.
- Welding Neck Flanges – Nominal Pressure 16 – DIN2633.

CASING

- Manufactured in galvanized steel with external surface painted epoxy-polyester and then baked and cured at 180° C for greater protection against corrosion even in extreme environmental conditions, also allowing the casing to meet more demanding food hygiene standards.

- Internal separators avoid the “by-pass” effect during sequential operation of fans.
- Metallic protection on connections and return bends.

FAN MOTORS

- Available fans’ diameters: Ø 800 mm.
- Axial fans with external rotor (400V III @ 50Hz).
- Optional EC fan motors that modulate rotation speed according to unit requirements, delivering excellent acoustic performance and peak operation.

OPTIONS & ACCESORIES

COIL

- Copper Fins
- Coated Fins
- AquaAero treatment
- Blygold treatment
- Other material

CASING

- Silent blocks

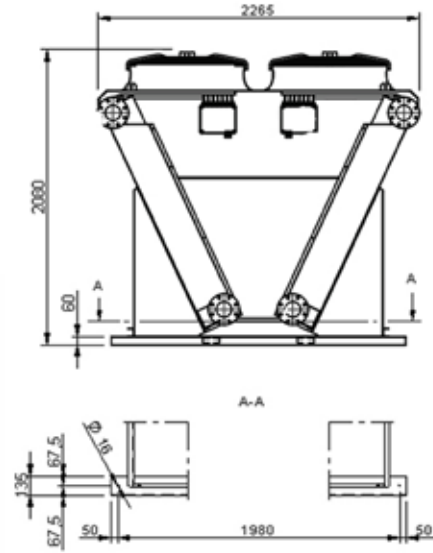
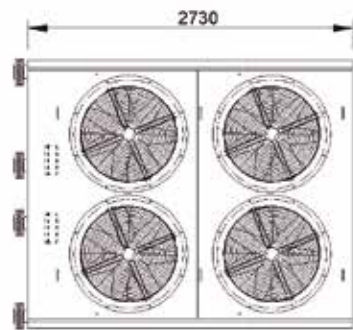
ELECTRICAL OPTIONS

- EC fans
- Shielded Wiring
- Individual service switch by fan

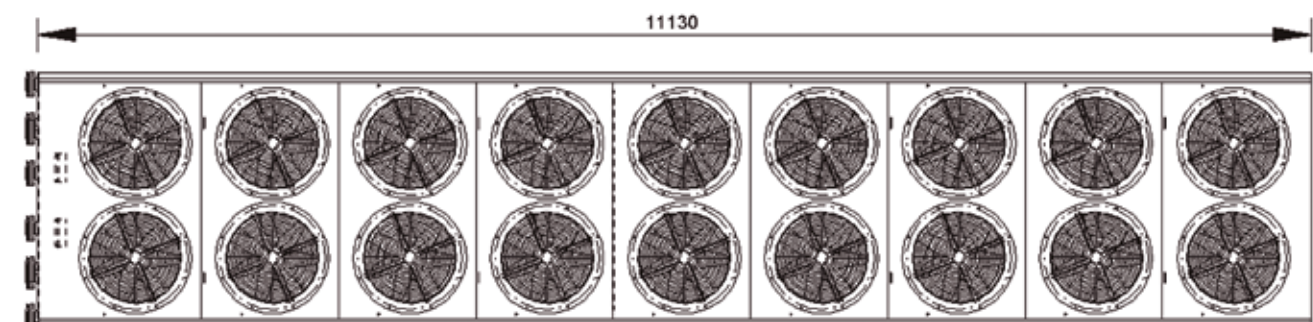
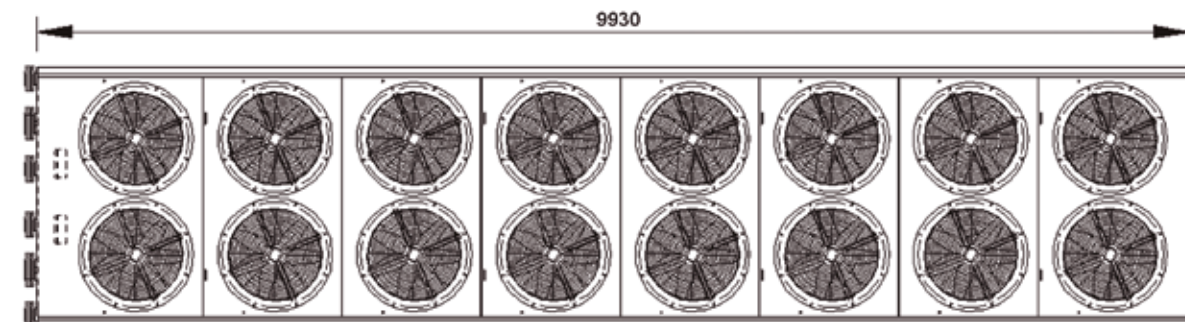
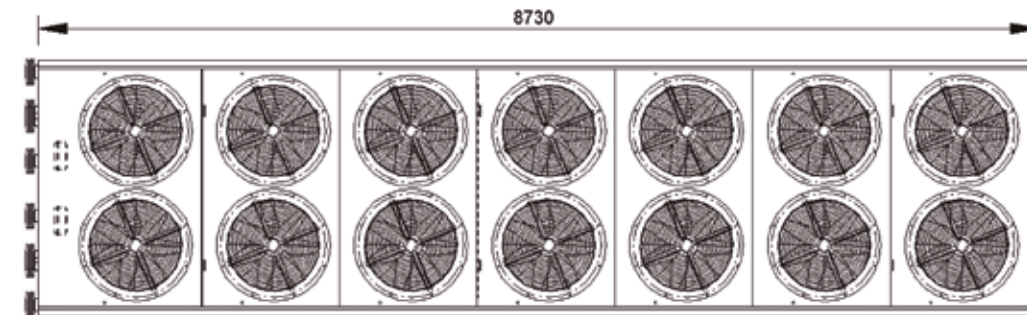
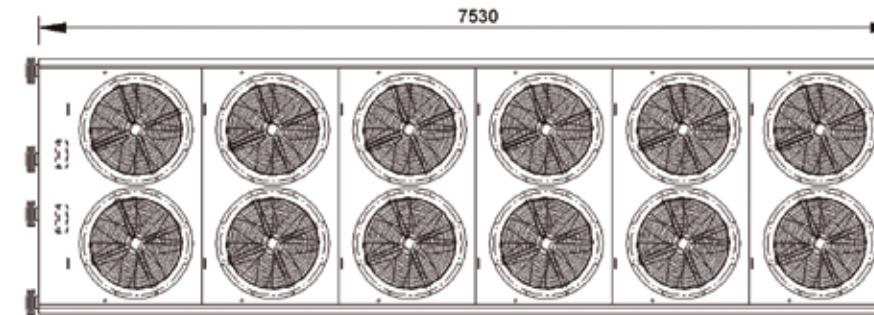
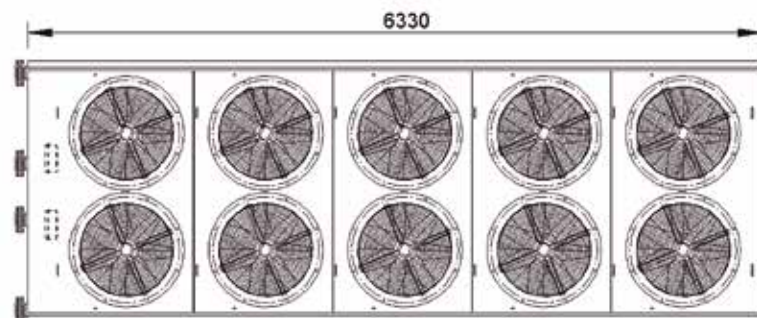
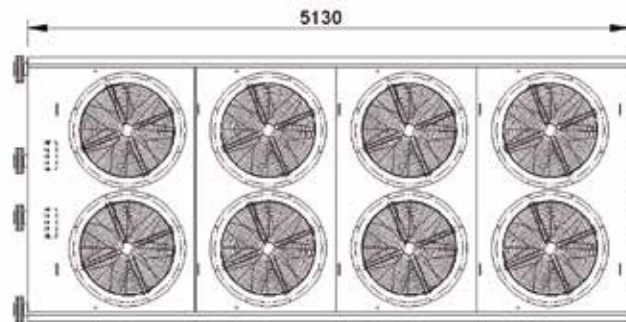
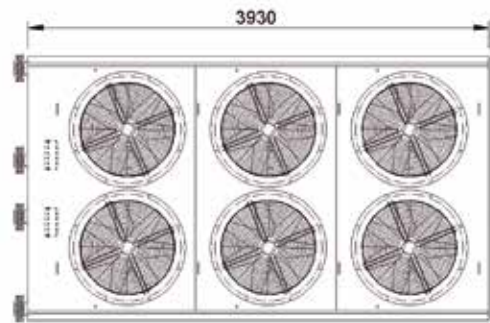
OTHER

- Axitop
- Adiabatic spray system

PRODUCT RANGE OVERVIEW



Front view. Cooling connections.



TECHNICAL DATA

Fan ø= 800 mm – Low noise level

Fin pitch = 2,1 mm, Rpm = 735, water

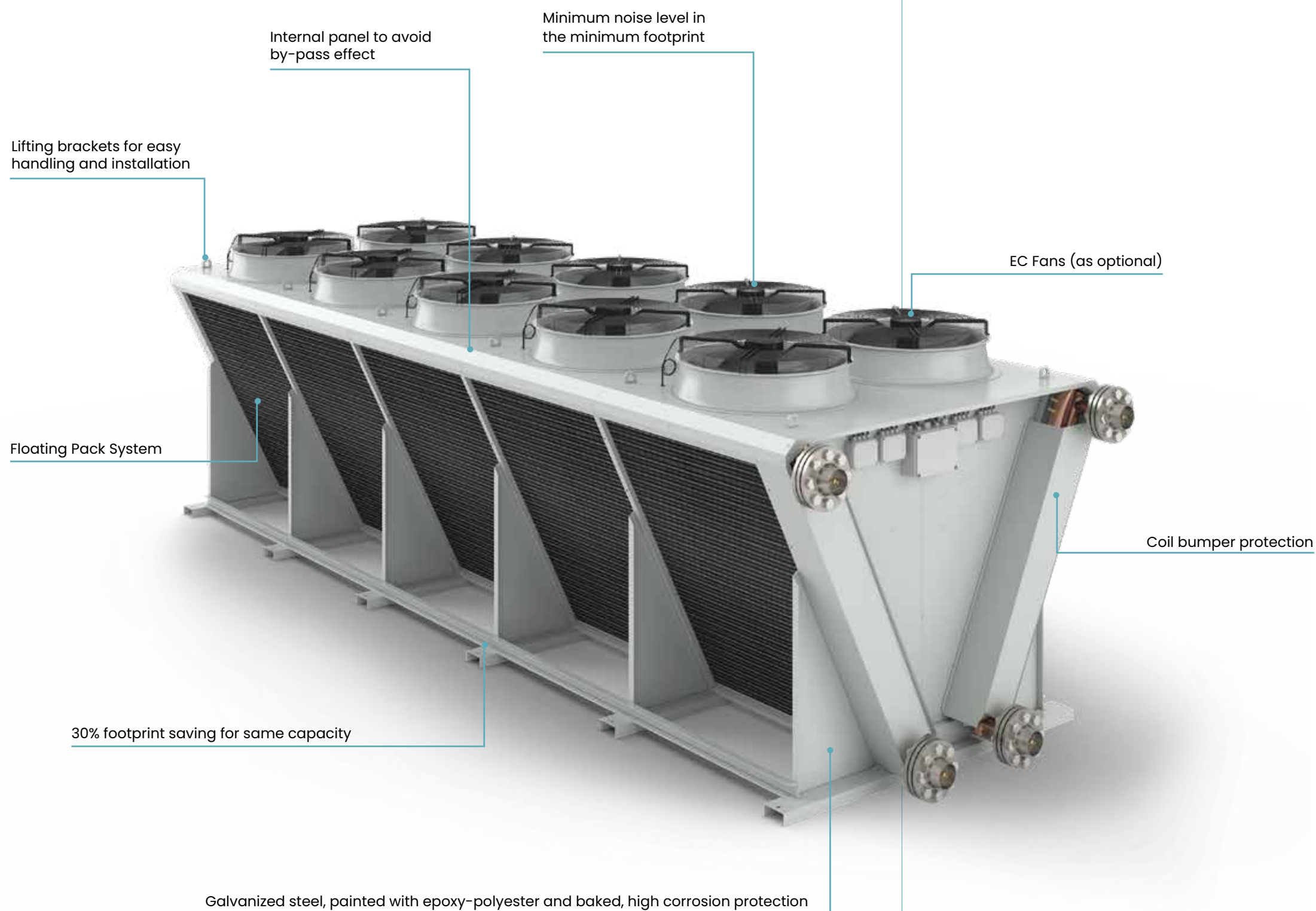
Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC15	KPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
KDV 8004 A 08EC	164,7	29,0	448,0	60,8	71.000	44	4	2,2	3,7	26.145
KDV 8004 B 08EC	210,2	66,0	672,0	91,2	67.600	42	4	2,4	4,0	28.825
KDV 8004 C 08EC	235,2	48,0	896,1	121,6	64.800	41	4	2,5	4,2	31.642
KDV 8004 D 08EC	249,7	36,0	1120,1	152,0	62.400	40	4	2,6	4,3	34.815
KDV 8006 B 08EC	315,4	65,0	1008,1	136,8	101.400	44	6	3,6	6,0	40.386
KDV 8006 C 08EC	352,7	47,0	1344,1	182,4	97.200	43	6	3,8	6,3	44.278
KDV 8006 D 08EC	377,6	66,0	1680,1	228,0	93.600	42	6	3,9	6,5	48.962
KDV 8008 B 08EC	420,2	62,0	1344,1	182,4	135.200	45	8	4,8	8,0	52.273
KDV 8008 C 08EC	470,1	46,0	1792,1	243,2	129.600	44	8	5,0	8,4	57.150
KDV 8008 D 08EC	499,1	34,0	2240,1	304,0	124.800	43	8	5,3	8,6	63.212
KDV 8010 B 08EC	526,5	71,0	1680,1	228,0	169.000	46	10	6,0	10,0	62.814
KDV 8010 C 08EC	587,6	45,0	2240,2	304,0	162.000	45	10	6,3	10,5	68.750
KDV 8010 D 08EC	624,8	38,0	2800,2	380,0	156.000	44	10	6,6	10,8	76.200
KDV 8012 B 08EC	630,1	61,0	2016,1	273,6	202.800	47	12	7,2	12,0	73.159
KDV 8012 C 08EC	705,0	45,0	2688,2	364,8	194.400	46	12	7,6	12,6	79.540
KDV 8012 D 08EC	755,0	63,0	3360,2	456,0	187.200	45	12	7,9	13,0	88.497
KDV 8014 B 08EC	708,6	13,0	2352,2	319,2	236.600	47	14	8,4	14,0	90.363
KDV 8014 C 08EC	828,1	69,0	3136,2	425,6	226.800	46	14	8,8	14,7	98.243
KDV 8014 D 08EC	878,6	52,0	3920,3	532,0	218.400	45	14	9,2	15,1	108.884
KDV 8016 B 08EC	818,7	19,0	2688,2	364,8	270.400	48	16	9,6	16,0	104.919
KDV 8016 C 08EC	917,7	14,0	3584,2	486,4	259.200	47	16	10,1	16,8	114.135
KDV 8016 D 08EC	1008,8	75,0	4480,3	608,0	249.600	46	16	10,5	17,3	126.304
KDV 8018 B 08EC	928,9	26,0	3024,2	410,4	304.200	49	18	10,8	18,0	115.960
KDV 8018 C 08EC	1040,6	20,0	4032,3	547,2	291.600	48	18	11,3	18,9	126.270
KDV 8018 D 08EC	1106,2	15,0	5040,3	684,0	280.800	47	18	11,8	19,4	139.945

Fan ø= 800 mm – High performance

Fin pitch = 2,1 mm, Rpm = 1.020, water

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC15	KPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
KDV 8004 A 06EC	206,6	42,0	448,0	60,8	101.200	50	4	6,8	11,7	800
KDV 8004 B 06EC	267,4	63,0	672,0	91,2	96.400	49	4	7,2	12,3	900
KDV 8004 C 06EC	307,8	77,0	896,1	121,6	92.400	49	4	7,5	12,8	950
KDV 8004 D 06EC	330,8	59,0	1120,1	152,0	88.600	49	4	7,8	13,2	1.050
KDV 8006 B 06EC	397,7	43,0	1008,1	136,8	144.600	51	6	10,9	18,4	1.300
KDV 8006 C 06EC	461,6	74,0	1344,1	182,4	138.600	51	6	11,3	19,1	1.400
KDV 8006 D 06EC	496,2	58,0	1680,1	228,0	132.900	51	6	11,7	19,8	1.500
KDV 8008 B 06EC	534,4	59,0	1344,1	182,4	192.800	52	8	14,5	24,6	1.700
KDV 8008 C 06EC	615,3	73,0	1792,1	243,2	184.800	52	8	15,1	25,5	1.850
KDV 8008 D 06EC	661,3	56,0	2240,1	304,0	177.200	52	8	15,6	26,4	1.950
KDV 8010 B 06EC	667,3	56,0	1680,1	228,0	241.000	53	10	18,1	30,7	2.100
KDV 8010 C 06EC	769,0	72,0	2240,2	304,0	231.000	53	10	18,9	31,9	2.250
KDV 8010 D 06EC	828,0	62,0	2800,2	380,0	221.500	53	10	19,6	33,0	2.400
KDV 8012 B 06EC	809,4	94,0	2016,1	273,6	289.200	54	12	21,7	36,8	2.450
KDV 8012 C 06EC	922,7	71,0	2688,2	364,8	277.200	54	12	22,6	38,3	2.650
KDV 8012 D 06EC	991,7	55,0	3360,2	456,0	265.800	54	12	23,5	39,6	2.850
KDV 8014 B 06EC	908,6	20,0	2352,2	319,2	337.400	54	14	25,3	43,0	2.850
KDV 8014 C 06EC	1038,1	15,0	3136,2	425,6	323.400	54	14	26,4	44,7	3.100
KDV 8014 D 06EC	1164,8	84,0	3920,3	532,0	310.100	54	14	27,4	46,2	3.300
KDV 8016 B 06EC	1050,2	29,0	2688,2	364,8	385.600	55	16	29,0	49,1	3.250
KDV 8016 C 06EC	1199,2	22,0	3584,2	486,4	369.600	55	16	30,2	51,0	3.500
KDV 8016 D 06EC	1291,2	17,0	4480,3	608,0	354.400	55	16	31,3	52,8	3.750
KDV 8018 B 06EC	1192,0	41,0	3024,2	410,4	433.800	56	18	32,6	55,3	3.650
KDV 8018 C 06EC	1360,4	31,0	4032,3	547,2	415.800	56	18	34,0	57,4	3.950
KDV 8018 D 06EC	1464,0	24,0	5040,3	684,0	398.700	56	18	35,2	59,4	4.250

DISTINCTIVE TECHNOLOGICAL CHOICES OF THE RANGE



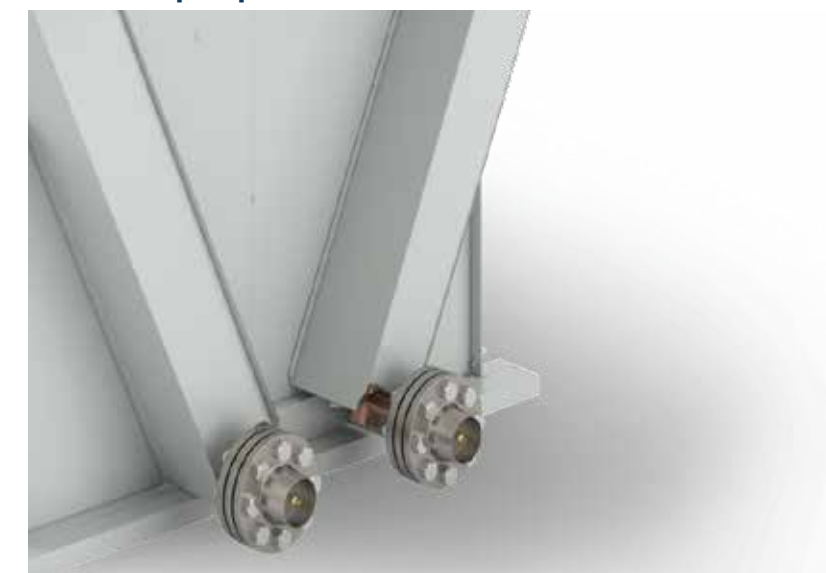
Internal structure to avoid the by-pass effect



Lifting brackets



Coil bumper protection



RADIAL DRY COOLER

The reliable, efficient, and sustainable cooling solution for industrial and commercial applications, with radial fans for indoor use

DRC

Cooling capacity from 50 kW to 350 kW



ENEX TECHNOLOGIES presents the **Radial Dry Cooler** range for industrial and commercial applications. This product line is designed to meet or exceed customer needs including energy efficiency, ergonomics, space, etc.

All ENEX TECHNOLOGIES products are designed and conceived with levels of excellence in food preservation, robustly built to withstand every weather condition including heavy snow and wind, ensuring long life.

Ready to use in Industrial Refrigeration, Energy & Process Cooling, IT Cooling and HVAC applications, our Radial Dry Cooler line consists of more than 30 models of axial dry coolers for commercial and industrial applications, available in cooling capacities between 50 and 350 KW.

All ENEX TECHNOLOGIES Radial dry coolers offer low noise levels and minimum energy consumption. All models are fitted with EC fan motors as standard. Fan speed can be controlled electronically to increase energy savings.

Our complete portfolio offers a large range of configurations and accessories to meet any specification and can be customized according to the application.

LEADING PROFESSIONAL SOLUTIONS IN HEAT REJECTION

ENEX TECHNOLOGIES' assessment of Radial Dry Cooler performance parameters under different conditions and control strategies is essential to designing and optimizing the units for specific applications.

Our RADIAL DRY COOLERS are offered in the following range:

RANGE	STANDARD CONDITIONS SC25 (kW)
DRC	50 – 350

Standard Conditions SC15: Fluid: Water, Fluid Inlet T° 40°C, Fluid Outlet T° 35°C, Air inlet T° 25, Available air pressure 150Pa

MAIN FEATURES

With more than 400 years of combined experience in design, production and distribution and doing business in over 125 countries, ENEX TECHNOLOGIES radial dry cooler line offers customers a wide spectrum of benefits including, but not limited to:

HIGH PERFORMANCE FOR INDOOR USE

- With RADIAL EC fans up to 200PA available pressure.
- Optional EC fans adapt to the needs of the application with minimal energy consumption (30% savings compared to an AC fan).
- Copper tubes are staggered across self-spaced louvered fins to achieve high performance.

LONG PRODUCT LIFE

- Strong and robust design includes high quality components to meet all thermodynamic and product life cycle requirements.
- 10 surface treatments available to increase product life cycle in challenging environments.

SAVING FOOTPRINT

- V-shaped configuration of coils delivers high performance while minimizing footprint in the machinery room.

CUSTOMIZATION ON DEMAND

- Highest level of customization available to meet application requirements.

SELECTION SOFTWARE

- Our proprietary selection software gives customers flexibility in adjusting settings as parameters of the application change.

SAFETY & RELIABILITY

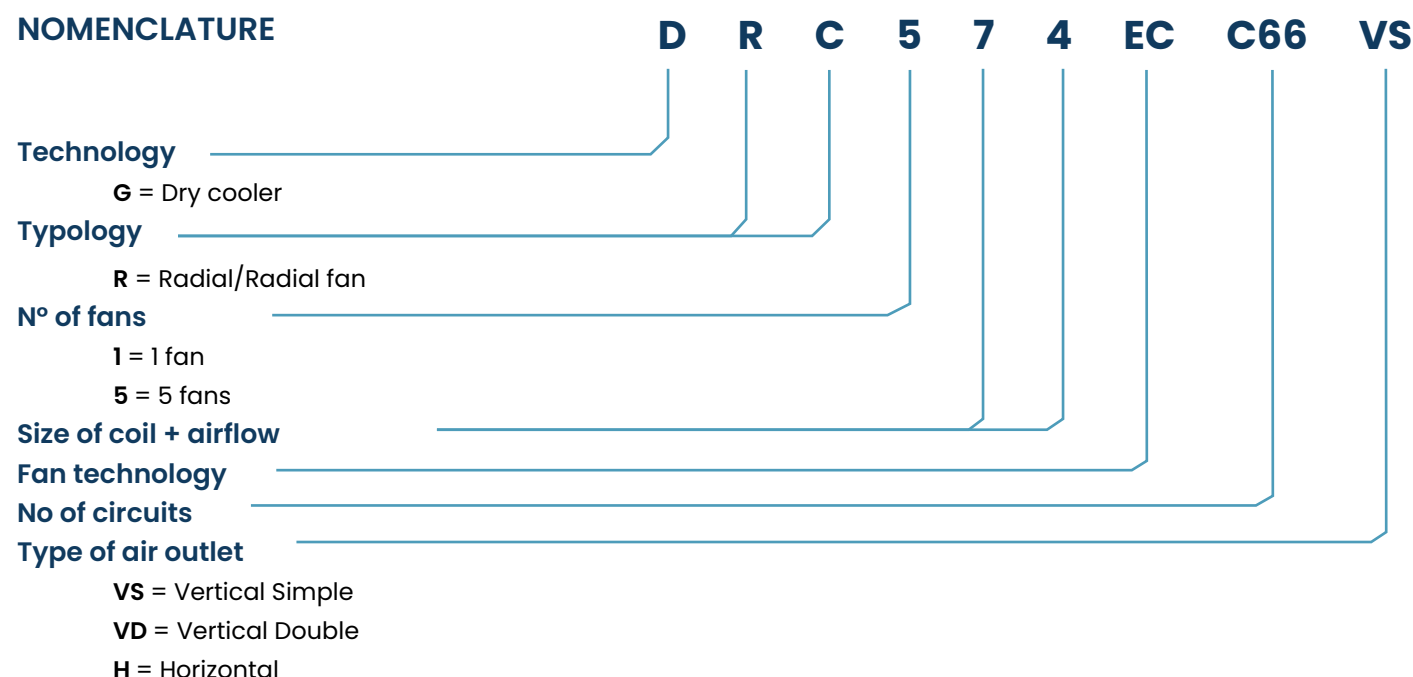
- Resistance and leaks tests up to 23 bar
- Burst tests up to 48 bar
- Equipment pressurized with nitrogen at 2bar

SUSTAINABILITY

- With a GWP of 0

TECHNICAL FEATURES

NOMENCLATURE



FINNED COILS

- All of our Ø 12mm copper tubes are built in compliance with CUPROCLIMA specifications.
- The staggered arrangement of copper tubes across self-spaced, louvered fins accurately links tubes and fins for higher coil performance.
- FLOATING PACK SYSTEM allows coils to levitate to avoid leaks.
- All coils are subjected to resistance and leakage testing under a rated pressure of 43 bar and pressurized using nitrogen at 2bar to prevent corrosion of the inner surface of the copper tubes. Also, for customer verification, to ensure that the coil is in perfect condition, with no leaks.
- Welding Neck Flanges – Nominal Pressure 16 – DIN2633.

CASING

- Manufactured in galvanized steel (painted as optional).
- Interchangeable air outlet panels.
- Internal separators avoid the “by-pass” effect during sequential operation of fans.
- Metallic protection on connections and return bends.

FAN MOTORS

- Available fans’ diameters: Ø 630 mm.
- Standard EC fan motors that modulate rotation speed according to unit requirements, delivering excellent acoustic performance and peak operation.
- Radial fans: 400V III @ 50/60Hz.
- All motors have class B insulation, grade IP-55 protection, thermal protection device and working on a temperature range from –25°C up to + 55°C.
- Up to 200 Pa available air pressure.
- Motors are housed inside an easy-access metallic support.

OPTIONS & ACCESORIES

COIL

- Copper Fins
- Coated Fins
- AquaAero treatment
- Blygold treatment
- Other material

CASING

- Painted casing
- Excessive Pressure Dampers
- Acoustic Isolation
- Silent blocks

ELECTRICAL OPTIONS

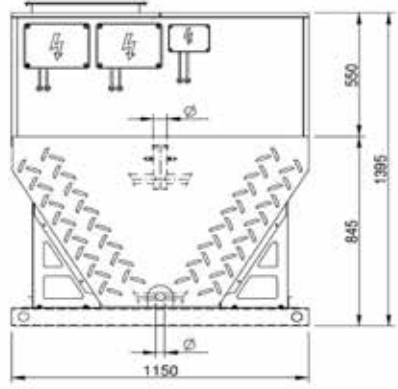
- Shielded Wiring
- Individual service switch by fan

OTHER

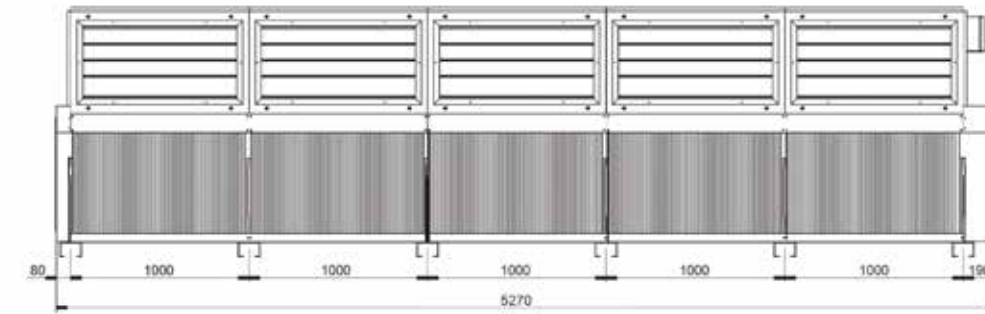
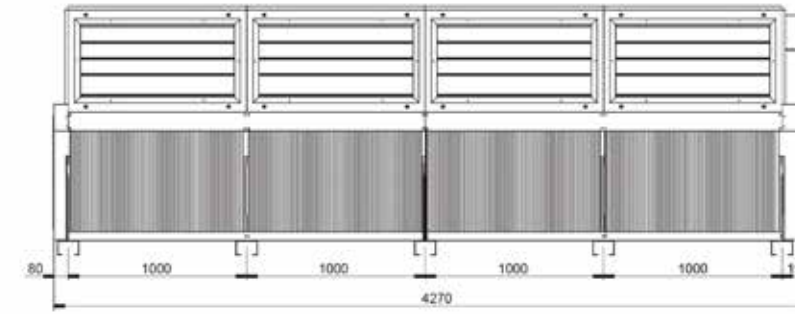
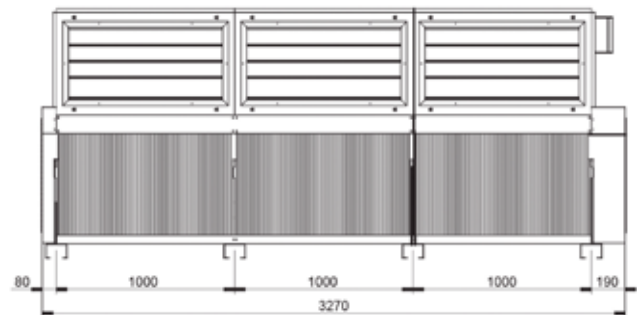
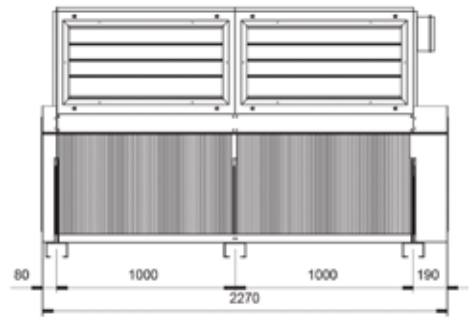
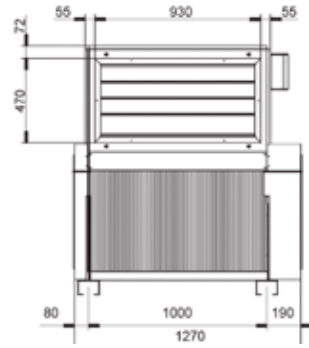
- Adiabatic spray system

PRODUCT RANGE OVERVIEW

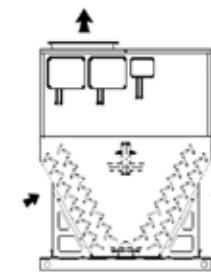
Lateral view



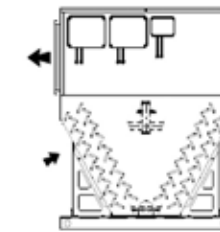
Frontal view



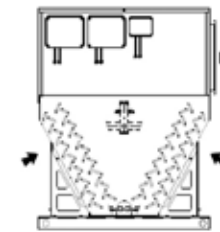
AIR DIRECTION POSSIBILITIES



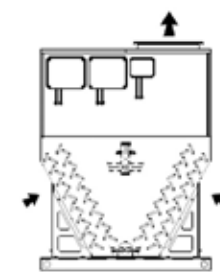
VSL



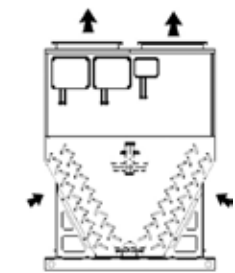
HL



HR



VSR



VD

TECHNICAL DATA

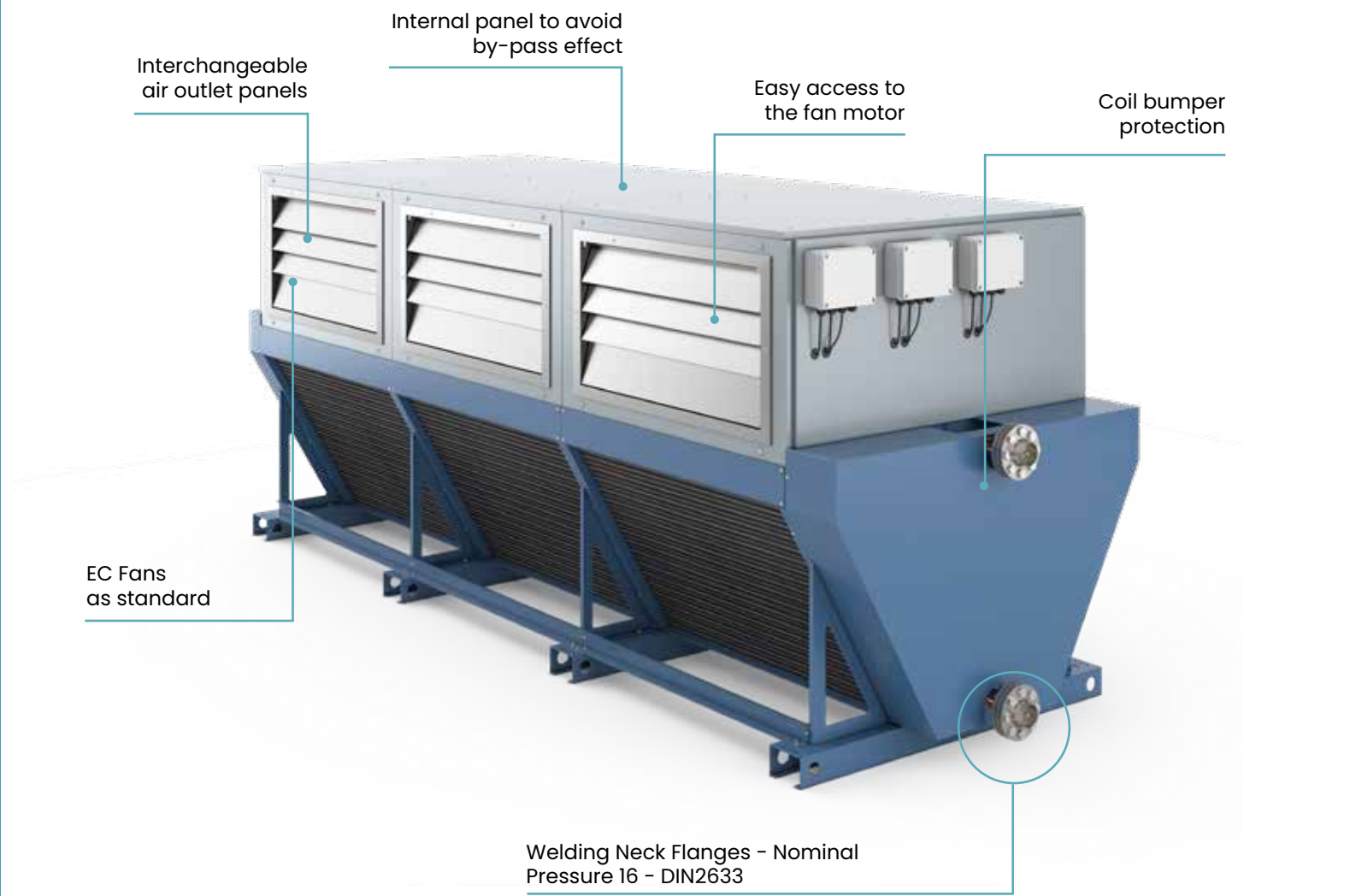
Fan ø= 630 mm

Fin pitch = 2,1 mm, Rpm = 1.330, water

Model	Capacity (kW)	Pressure Drop	Surface	Internal Volume	Air Flow	Noise Level	Fans Data			Weight
	SC15	KPa	m²	dm³	m³/h	dBA (10m)	Nº	kW	A	kg
DRC-161 EC	68,8	57,0	209,6	25,0	16.300	54	1	2,9	4,5	270
DRC-163 EC	70,9	60,0	209,6	25,0	16.950	55	1	2,8	4,3	270
DRC-166 EC	71,9	61,0	209,6	25,0	17.200	55	1	2,7	4,2	270
DRC-167 EC	62,2	37,0	214,0	40,0	15.450	53	1	3,1	4,7	280
DRC-171 EC	65,2	40,0	214,0	40,0	16.400	54	1	2,9	4,4	280
DRC-174 EC	66,4	41,0	214,0	40,0	16.700	55	1	3,0	4,4	280
DRC-261 EC	137,2	44,0	419,2	44,7	32.600	57	2	5,8	9,0	470
DRC-263 EC	141,7	46,0	419,2	44,7	33.900	58	2	5,6	8,6	470
DRC-266 EC	143,5	47,0	419,2	44,7	34.400	58	2	5,5	8,4	470
DRC-267 EC	124,2	32,0	428,0	66,3	30.900	56	2	6,1	9,4	490
DRC-271 EC	130,3	35,0	428,0	66,3	32.800	57	2	5,8	8,8	490
DRC-274 EC	129,6	35,0	428,0	66,3	33.400	58	2	5,9	8,8	490
DRC-361 EC	202,4	18,0	628,8	64,4	48.900	59	3	8,8	13,5	670
DRC-363 EC	208,9	19,0	628,8	64,4	50.850	60	3	8,4	12,9	670
DRC-366 EC	211,5	20,0	628,8	64,4	51.600	60	3	8,2	12,6	670
DRC-367 EC	180,2	29,0	642,0	96,6	46.350	58	3	9,2	14,1	700
DRC-371 EC	189,1	32,0	642,0	96,6	49.200	59	3	8,7	13,2	700
DRC-374 EC	192,0	32,0	642,0	96,6	50.100	60	3	8,9	13,2	700
DRC-461 EC	272,1	40,0	838,5	84,0	65.200	60	4	11,7	18,0	880
DRC-463 EC	280,9	42,0	838,5	84,0	67.800	61	4	11,2	17,2	880
DRC-466 EC	284,5	43,0	838,5	84,0	68.800	61	4	10,9	16,8	880
DRC-467 EC	252,2	68,0	856,0	126,9	61.800	59	4	12,2	18,8	920
DRC-471 EC	264,8	74,0	856,0	126,9	65.600	60	4	11,6	17,6	920
DRC-474 EC	268,9	76,0	856,0	126,9	66.800	61	4	11,9	17,6	920
DRC-486 EC	271,3	47,0	1143,0	161,1	60.800	59	4	12,4	18,8	1.015
DRC-492 EC	285,3	51,0	1143,0	161,1	64.400	60	4	11,8	18,0	1.015
DRC-498 EC	290,1	53,0	1143,0	161,1	65.600	60	4	11,6	17,6	1.015
DRC-567 EC	307,1	18,0	993,6	146,3	77.250	60	5	15,3	23,5	1.150
DRC-571 EC	322,2	19,0	993,6	146,3	82.000	61	5	14,5	22,0	1.150
DRC-574 EC	326,9	20,0	993,6	146,3	83.500	62	5	14,9	22,0	1.150

For cooling connection please see our selection software.
In this table are included the most representative models. For other selection please see our selection software.
Technical data calculated with 150Pa available air pressure. For other available air pressure, please see our selection software.

DISTINCTIVE TECHNOLOGICAL CHOICES OF THE RANGE



Standard EC Fan



Interchangeable air outlet panels



Internal panel to avoid the by-pass effect



DRY COOLERS | Rev.2 Version March 2025 | ENG

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