HFC

HEATCRAFT
Worldwide Refrigeration

Axial fan condenser

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

NEOSTAR range

NEOSTAR POWER

The choice of **performance** and **low space requirement**.

- Capacity of up to 1,250 kW!
- Compactness: optimized heat exchange for reduced size.

NEOSTAR SILENCE

The choice of **efficiency** and **low noise**.

- Low rotation speed motors with optimized electrical power consumption.
- Perfect incorporation in an urban environment, extremely quiet motors.
- An electronic switching motor (EC) is proposed as an optional extra for all models in this range.

E Solutions
Efficiency • Environment

Energy efficiency
Low noise level

18 1240 kW

FRIGA-BOHN

HK REFRIGERATION

Market segments

- *Hard Discount - Supermarkets - Hypermarkets*
- *Refrigerated storage and transit stocking - Dispatch centres - Food processing - Canteen kitchens*

This NEOSTAR range is sub-divided into two product lines to better meet the needs expressed in the various application fields:

NEOSTAR POWER

Master the power

**The "Power" range offers even more power in a space-saving unit.
The power rating of this unit may be as high as 1,250 kW!**

**An electronic switching motor (EC) is proposed as an optional extra for all our models to help reduce the energy footprint of the user's installations. Indeed, use of this type of motor offers a very significant reduction in energy consumption for a given power rating.
For this reason, the NEOSTAR range has been accorded the "E-Solution" label.**

NEOSTAR SILENCE

Listen to the silence

The "Silence" range is perfectly adapted to city centre commercial applications and all other applications where quiet operation is a key factor. In compliance with Eurovent standards the sound pressure level at 10 metres is as low as 19 dB(A) per module!

Description

Casing

- The casing is made of galvanized, as well as white pre-painted, galvanized sheet steel.
- The use of stainless steel screws guarantees excellent, long-lasting corrosion resistance (standard ISO 7253) and aesthetic quality.
- All components used have successfully passed the salt mist corrosion and Kesternich tests.
- The units are delivered screwed to a wooden base.
- Full crate packaging available as optional extra.

Ventilation

- The NEOSTAR air condenser range is equipped as standard with 2-speed, external rotor fans (star or delta connections).

NEOSTAR POWER

- The NEOSTAR Power range is equipped with the following motor fan units:
  - Ø 910 mm (PU) : 06P (D/Y) = 880/670 rpm,
  - Ø 800 mm (PN) : 06P (D/Y) = 885/685 rpm.

NEOSTAR SILENCE

- The NEOSTAR Silence range is equipped with the following fan units:
  - Ø 800 mm : 08P (D/Y) = 680/540 rpm,
  - Ø 800 mm : 12P (D/Y) = 430/330 rpm (special fan)
  - Ø 800 mm : 16P (Y) = 255 rpm.
- These enclosed motors are of the type 400V/3/50Hz, IP54, class F, compliant with standard EN 60529, permanently lubricated. Please contact us when the temperature exceeds 60°C.
- The motor fan units are wired as standard and factory connected as follows:
  - 1 to 3 switching boxes for the models L (motors connected in line),
  - 2 to 8 switching boxes for the models P (motors connected in parallel).
- We are also able to deliver the units unwired upon request (SCU option).
- Fan guards are compliant with safety standards.
- Fans units with special voltage ratings:
  - M60: Fans 400 V/3/60Hz, IP54, class F, in version 06P Ø 910 mm
  - M26: Fans 230 V/3/60Hz, IP54, class F, in version 06P Ø 910 mm

EC motor

- Electronic switching fan motors (EC) are also proposed as an optional extra and enable optimized operation of your installation. **This motor offers a reduction in energy consumption for a given power rating: a detailed comparison of the energy balance may be carried out for each project.**

Coil

- The air condensers of the NEOSTAR range are equipped with a high-performance, finned coil designed with profiled aluminium fins crimped onto internally grooved copper tubes.
- For this latest generation of condensers, a new optimized fin has been specially designed to improve performance, efficiency and compactness of the units.
- Special coil coatings are available (Vinyl protection (**BAE**), Blygold Polual XT protection (**BXT**)) offering greater corrosion resistance when used in aggressive atmospheres.

Selection software

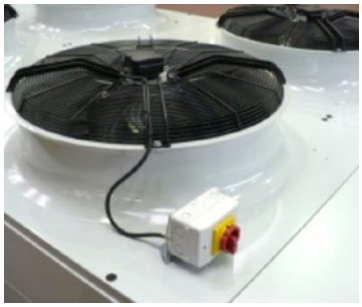
- A wider selection of models is given in our software package to better meet your needs and expectations.

Designation

PN(1) 06(2) D(3) P(4) 08(5) A2(6)

(1) **PN** (Power Normal) - **PU** (Power Ultra)
SN (Silence Normal) - **SE** (Silence Extra) - **SU** (Silence Ultra)
(2) Number of poles
(3) **D** = Delta connection - **Y** = Star connection
(4) Fan arrangement: **L** = fans in line - **P** = fans in parallel
(5) Number of fans
(6) Type of module

Certifications



Advantages

Installation

Installation horizontal or vertical position as required: in case of installation with horizontal air flow, the predominant wind direction must be taken into consideration to avoid any risk of hot air recirculation.

Motors supplied factory wired and connected to reduce installation time.

Support legs extended up to 1,840 mm (optional) to meet installation requirements.

Servicing / Maintenance

Unimpeded access to the coil rendering maintenance easier.

Kit	Factory	Options
		Ventilation
	M60	Fans 400 V/3/60Hz (please contact us for details).
	M26	Fans 230 V/3/60Hz (please contact us for details).
	MTH	Motors equipped with a protection thermostat. Recommended with frequent start sequences (more than 30 start sequences per hour) or when a speed controller is used.
	IRP	Rotary proximity switch(es).
	C2V	2-speed factory wired in the switching box.
	SCU	Without factory wiring. To be indicated when ordering if the condenser unit is to be delivered unwired.
		Coil
	MCI	Multi-circuits.
	BAE	Vinyl protection of fins.
	BXT	Blygold Polual XT protection of fins.
		Casing
	RAL	Special colours.
	REH	Legs extended by 240 mm (ground clearance 800 mm)
RE2		Legs extended by 840 mm (ground clearance 1400 mm)
RE3		Legs extended by 1340 mm (ground clearance 1900 mm)
RE4		Legs extended by 1840 mm (ground clearance 2400 mm)
	ECB	Full crate packaging.
		Protection and control enclosure
	MEC	Condensation pressure control with speed variation using an electronic switching motor (EC).
	CMP	Motor protection cabinet.
	RP1	CMP + condensation pressure control with cascade stoppage of fans.
	RP2	CMP + condensation pressure control with speed variation (voltage).
	RP3	CMP + condensation pressure control with speed variation (frequency).
MSK		Floor mounting kit.

Other options

Please contact us for details.

NEOSTAR POWER	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m^3/h	W total		dB(A)	m^2	dm^3	Ø mm			mm	kg
PU 06D L01 A1	42,5	56	1 x 910	•	23920	2350	E	88	68	8,7	7/8"	X	-	1512	153
PN 06D L01 A2	49,7	48	1 x 800	•	17890	2000	E	80	102	13,0	7/8"	X	-	1512	162
PU 06D L01 A2	54,5	56	1 x 910	•	21350	2460	E	88	102	13,0	7/8"	X	-	1512	164
PU 06D L01 B2	64,3	56	1 x 910	•	23670	2360	E	88	127	16,3	7/8"	X	-	1842	183
PU 06D L01 B3	73,4	56	1 x 910	•	21870	2450	E	88	169	21,7	1"1/8	X	-	1842	198
PU 06D L01 D2	76,4	56	1 x 910	•	26010	2240	E	88	169	21,7	7/8"	X	-	2312	210
PN 06D P02 A1	77,7	51	2 x 800	⁝	38960	3790	E	83	136	17,4	2x7/8"	X	-	1512	269
PN 06D L02 A1	77,9	51	2 x 800	••	38960	3790	E	83	136	17,4	7/8"	X	-	2712	255
PU 06D P02 A1	85,1	59	2 x 910	⁝	47840	4700	E	91	136	17,4	2x7/8"	X	-	1512	273
PU 06D L02 A1	85,4	59	2 x 910	••	47840	4700	E	91	136	17,4	7/8"	X	-	2712	259
PU 06D L01 D3	88,4	56	1 x 910	•	24660	2310	D	88	226	29,0	1"1/8	X	-	2312	228
PN 06D L02 A2	99,5	51	2 x 800	••	35780	4000	E	83	203	26,1	1"1/8	X	-	2712	276
PN 06D P02 A2	99,5	51	2 x 800	⁝	35780	4000	E	83	203	26,1	2x7/8"	X	-	1512	291
PU 06D L02 A2	109,2	59	2 x 910	••	42700	4930	E	91	203	26,1	1"1/8	X	-	2712	280
PN 06D L02 B2	114,9	51	2 x 800	••	38650	3810	E	83	254	32,6	1"1/8	X	-	3342	309
PN 06D P02 B2	115,0	51	2 x 800	⁝	38650	3810	E	83	254	32,6	2x7/8"	X	-	1842	323
PU 06D L02 D1	119,5	59	2 x 910	••	54950	4310	E	91	226	29,0	1"1/8	X	-	4312	343
PU 06D P02 D1	119,6	59	2 x 910	⁝	54950	4310	E	91	226	29,0	2x7/8"	X	-	2312	322
PU 06D L02 B2	128,6	59	2 x 910	••	47340	4730	E	91	254	32,6	1"1/8	X	-	3342	313
PU 06D P02 B2	128,8	59	2 x 910	⁝	47340	4730	E	91	254	32,6	2x7/8"	X	-	1842	327
PN 06D P02 D2	134,6	51	2 x 800	⁝	41570	3600	D	83	339	43,5	2x7/8"	X	-	2312	358
PU 06D P02 B3	146,7	59	2 x 910	⁝	43730	4890	E	91	339	43,5	2x1"1/8	X	-	1842	354
PU 06D L02 B3	147,0	59	2 x 910	••	43730	4890	E	91	339	43,5	1"1/8	X	-	3342	341
PU 06D P02 D2	152,7	59	2 x 910	⁝	52010	4480	E	91	339	43,5	2x7/8"	X	-	2312	362
PU 06D L02 D2	154,5	59	2 x 910	••	52010	4480	E	91	339	43,5	1"3/8	X	-	4312	378
PU 06D L02 B4	156,9	59	2 x 910	••	40530	4960	E	91	424	54,4	1"3/8	X	-	3342	369
PU 06D L03 A2	164,9	61	3 x 910	•••	64050	7390	E	93	305	39,1	1"3/8	X	-	3912	402
PN 06D L03 B2	172,5	53	3 x 800	•••	57970	5720	E	85	381	48,9	1"3/8	X	-	4842	450
PU 06D L02 D3	175,5	59	2 x 910	••	49310	4620	D	91	452	58,0	1"3/8	X	-	4312	413
PU 06D P02 D3	176,8	59	2 x 910	⁝	49310	4620	D	91	452	58,0	2x1"1/8	X	-	2312	397
PU 06D L03 B2	192,2	61	3 x 910	•••	71020	7090	E	93	381	48,9	1"3/8	X	-	4842	456
PN 06D P04 A2	199,2	54	4 x 800	⁘	71570	8000	E	86	407	52,2	2x1"1/8	X	-	2712	510
PN 06D L04 A2	200,3	54	4 x 800	••••	71570	8000	E	86	407	52,2	1"5/8	X	-	5112	508
PU 06D P04 A2	218,4	62	4 x 910	⁘	85400	9860	E	94	407	52,2	2x1"1/8	X	-	2712	518
PU 06D L03 B3	219,7	61	3 x 910	•••	65600	7340	E	93	508	65,2	1"5/8	X	-	4842	494
PN 06D P04 B2	229,8	54	4 x 800	⁘	77290	7630	E	86	508	65,2	2x1"1/8	X	-	3342	564
PN 06D L04 B2	230,8	54	4 x 800	••••	77290	7630	E	86	508	65,2	1"5/8	X	-	6342	579
PU 06D L03 D2	231,9	61	3 x 910	•••	78020	6710	E	93	508	65,2	1"5/8	X	-	6312	546
PU 06D L03 B4	236,1	61	3 x 910	•••	60800	7440	E	93	635	81,5	1"5/8	X	-	4842	534
PU 06D L04 A3	247,1	62	4 x 910	••••	76730	9920	E	94	542	69,6	1"5/8	X	-	5112	558
PU 06D P04 A3	248,7	62	4 x 910	⁘	76730	9920	E	94	542	69,6	2x1"1/8	X	-	2712	561
PU 06D L04 B2	256,9	62	4 x 910	••••	94690	9450	E	94	508	65,2	1"5/8	X	-	6342	587
PU 06D P04 B2	257,0	62	4 x 910	⁘	94690	9450	E	94	508	65,2	2x1"1/8	X	-	3342	572
PU 06D L03 D3	265,5	61	3 x 910	•••	73960	6940	D	93	678	87,0	1"5/8	X	-	6312	598
PU 06D L05 A2	273,9	63	5 x 910	•••••	106760	12320	E	95	508	65,2	1"5/8	X	-	6312	641
PU 06D P04 B3	294,0	62	4 x 910	⁘	87460	9780	E	94	678	87,0	2x1"1/8	X	-	3342	626
PU 06D L04 B3	294,6	62	4 x 910	••••	87460	9780	E	94	678	87,0	1"5/8	X	-	6342	639
PU 06D P04 D2	309,2	62	4 x 910	⁘	104020	8950	E	94	678	87,0	2x1"3/8	X	-	4312	654
PU 06D L04 D2	309,4	62	4 x 910	••••	104020	8950	E	94	678	87,0	1"5/8	-	X	8438	719
PU 06D P04 B4	313,9	62	4 x 910	⁘	81060	9920	E	94	847	108,7	2x1"3/8	X	-	3342	679
PU 06D L05 B2	322,9	63	5 x 910	•••••	118360	11820	E	95	635	81,5	1"5/8	-	X	7998	735
PU 06D L06 A2	323,7	64	6 x 910	••••••	128110	14790	E	96	610	78,3	2"1/8	X	-	7512	763
PU 06D P06 A2	329,9	64	6 x 910	⁙	128110	14790	E	96	610	78,3	2x1"3/8	X	-	3912	747

NEOSTAR POWER - Axial fan condenser

NEOSTAR POWER 2/2	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m^3/h	W total		dB(A)	m^2	dm^3	Ø mm			mm	kg
PN 06D P06 B2	344,8	56	6 x 800	⁘	115940	11440	E	88	762	97,9	2x1"3/8	X	-	4842	815
PU 06D P04 D3	351,1	62	4 x 910	⁖	98620	9250	D	94	904	116,0	2x1"3/8	X	-	4312	725
PU 06D L04 D3	351,5	62	4 x 910	••••	98620	9250	D	94	904	116,0	2"1/8	X	-	8312	792
PU 06D L05 B3	365,8	63	5 x 910	•••••	109330	12230	E	95	847	108,7	2"1/8	X	-	7842	803
PU 06D L06 A3	371,2	64	6 x 910	••••••	115090	14880	E	96	813	104,4	2"1/8	X	-	7512	828
PU 06D P06 B2	384,2	64	6 x 910	⁘	142030	14180	E	96	762	97,9	2x1"3/8	X	-	4842	827
PU 06D L05 B4	392,8	63	5 x 910	•••••	101330	12400	E	95	1059	135,9	2"1/8	X	-	7842	867
PN 06D P08 A2	400,6	57	8 x 800	⁙	143140	16000	E	89	813	104,4	2x1"5/8	X	-	5112	950
PU 06D P06 B3	439,4	64	6 x 910	⁘	131200	14670	E	96	1017	130,5	2x1"5/8	X	-	4842	906
PU 06D P06 D2	463,9	64	6 x 910	⁘	156040	13430	E	96	1017	130,5	2x1"5/8	X	-	6312	946
PU 06D P06 B4	472,1	64	6 x 910	⁘	121600	14880	E	96	1271	163,1	2x1"5/8	X	-	4842	984
PU 06D P08 A3	494,2	65	8 x 910	⁙	153460	19840	E	97	1084	139,2	2x1"5/8	X	-	5112	1051
PU 06D P08 B2	514,0	65	8 x 910	⁙	189380	18900	E	97	1017	130,5	2x1"5/8	X	-	6342	1073
PU 06D P06 D3	531,1	64	6 x 910	⁘	147930	13870	D	96	1355	174,0	2x1"5/8	X	-	6312	1054
PU 06D P10 A2	547,8	66	10 x 910	⁝⁝	213510	24650	E	98	1017	130,5	2x1"5/8	X	-	6312	1198
PU 06D P06 D4	565,1	64	6 x 910	⁘	140490	14250	D	96	1694	217,5	2x1"5/8	X	-	6312	1162
PN 06D P10 B2	577,0	58	10 x 800	⁝⁝	193230	19070	E	90	1271	163,1	2x1"5/8	-	X	7998	1317
PU 06D P08 B3	589,0	65	8 x 910	⁙	174930	19560	E	97	1355	174,0	2x1"5/8	X	-	6342	1185
PN 06D P12 A2	592,1	59	12 x 800	⁞⁞	214700	24000	E	91	1220	156,6	2x2"1/8	X	-	7512	1403
PU 06D P08 D2	618,8	65	8 x 910	⁙	208050	17900	E	97	1355	174,0	2x1"5/8	-	X	8438	1244
PU 06D P10 A3	621,3	66	10 x 910	⁝⁝	191820	24800	E	98	1355	174,0	2x1"5/8	X	-	6312	1309
PU 06D P10 B2	645,8	66	10 x 910	⁝⁝	236720	23630	E	98	1271	163,1	2x1"5/8	-	X	7998	1337
PU 06D P12 A2	647,6	67	12 x 910	⁞⁞	256210	29580	E	99	1220	156,6	2x2"1/8	X	-	7512	1427
PN 06D P12 A3	680,3	59	12 x 800	⁞⁞	199080	24000	E	91	1627	208,8	2x2"1/8	X	-	7512	1534
PN 06D P14 A2	697,7	59	14 x 800	⁞⁞⁞	250490	28000	E	91	1423	182,7	2x2"1/8	-	X	8838	1603
PN 06D P12 B2	687,8	59	12 x 800	⁞⁞	231880	22890	E	91	1525	195,7	2x2"1/8	-	X	9498	1571
PU 06D P08 D3	703,0	65	8 x 910	⁙	197240	18490	D	97	1807	232,0	2x2"1/8	X	-	8312	1390
PU 06D P10 B3	731,6	66	10 x 910	⁝⁝	218660	24450	E	98	1694	217,5	2x2"1/8	X	-	7842	1474
PU 06D P12 A3	742,3	67	12 x 910	⁞⁞	230180	29760	E	99	1627	208,8	2x2"1/8	X	-	7512	1558
PU 06D P10 D2	765,7	66	10 x 910	⁝⁝	260060	22380	E	98	1694	217,5	2x2"1/8	-	X	10438	1544
PU 06D P12 B2	767,1	67	12 x 910	⁞⁞	284060	28360	E	99	1525	195,7	2x2"1/8	-	X	9498	1595
PU 06D P10 B4	785,7	66	10 x 910	⁝⁝	202660	24800	E	98	2118	271,8	2x2"1/8	X	-	7842	1602
PN 06D P14 B2	794,4	59	14 x 800	⁞⁞⁞	270520	26700	E	91	1779	228,3	2x2"1/8	-	X	10998	1833
PU 06D P14 A3	852,7	67	14 x 910	⁞⁞⁞	268550	34720	E	99	1898	243,6	2x2"1/8	X	-	8712	1766
PU 06D P12 B3	882,3	67	12 x 910	⁞⁞	262390	29350	E	99	2033	260,9	2x2"1/8	-	X	9498	1756
PU 06D P14 B2	883,8	67	14 x 910	⁞⁞⁞	331410	33080	E	99	1779	228,3	2x2"1/8	-	X	10998	1861
PU 06D P12 D2	928,0	67	12 x 910	⁞⁞	312070	26850	E	99	2033	260,9	2x2"1/8	X	-	12312	1839
PU 06D P12 B4	933,0	67	12 x 910	⁞⁞	243190	29760	E	99	2542	326,2	2x2"1/8	X	-	9342	1909
PU 06D P16 A3	989,3	68	16 x 910	⁞⁞⁞⁞	306910	39680	E	100	2169	278,3	2x2"1/8	-	X	10038	1963
PU 06D P14 B3	1020,9	67	14 x 910	⁞⁞⁞	306120	34240	E	99	2372	304,4	2x2"1/8	-	X	10998	2039
PU 06D P12 D3	1040,6	67	12 x 910	⁞⁞	295860	27740	D	99	2711	347,9	2x2"1/8	-	X	12438	2049
PU 06D P12 D4	1129,5	67	12 x 910	⁞⁞	280980	28510	D	99	3389	434,9	2x2"5/8	-	X	12438	2253
PU 06D P16 B3	1149,7	68	16 x 910	⁞⁞⁞⁞	349860	39130	E	100	2711	347,9	2x2"5/8	-	X	12498	2312
PU 06D P16 B4	1242,4	68	16 x 910	⁞⁞⁞⁞	324260	39680	E	100	3389	434,9	2x2"5/8	-	X	12498	2516

PN 06D : *880 rpm - 2000 W max. - 4,30 A max. (4)*
PU 06D : *885 rpm - 2480 W max. - 5,15 A max. (4)*
PN 06Y : *670 rpm - 1270 W max. - 2,50 A max. (4)*
PU 06Y : *685 rpm - 1570 W max. - 2,90 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327.
"DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

M60	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

NEOSTAR SILENCE 1/6	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m³/h	W total		dB(A)	m²	dm³	Ø mm			mm	kg
SU 16Y L01 A1	17,8	16	1 x 800	•	4980	100	A	48	68	8,7	7/8"	X	-	1512	151
SU 16Y L01 B1	20,4	16	1 x 800	•	5420	100	A	48	85	10,9	7/8"	X	-	1842	167
SU 16Y L01 D1	23,1	16	1 x 800	•	5880	100	A	48	113	14,5	7/8"	X	-	2312	188
SU 12Y L01 A1	23,5	23	1 x 800	•	7650	190	B	55	68	8,7	7/8"	X	-	1512	151
SU 16Y L01 D2	25,5	16	1 x 800	•	5490	100	A+	48	169	21,7	7/8"	X	-	2312	208
SE 12D L01 A1	27,7	30	1 x 800	•	10030	330	C	62	68	8,7	7/8"	X	-	1512	151
SU 12Y L01 B1	26,8	23	1 x 800	•	8190	190	B	55	85	10,9	7/8"	X	-	1842	167
SU 12Y L01 D1	30,4	23	1 x 800	•	8690	190	B	55	113	14,5	7/8"	X	-	2312	188
SE 12D L01 B1	31,2	30	1 x 800	•	10600	330	C	62	85	10,9	7/8"	X	-	1842	167
SU 12Y L01 B3	32,5	23	1 x 800	•	7030	190	A	55	169	21,7	7/8"	X	-	1842	196
SN 08D L01 A1	32,5	39	1 x 800	•	13670	890	D	71	68	8,7	7/8"	X	-	1512	151
SN 08Y L01 B1	33,4	35	1 x 800	•	11820	590	D	67	85	10,9	7/8"	X	-	1842	167
SU 16Y L02 A1	35,6	19	2 x 800	••	9960	210	A	51	136	17,4	7/8"	X	-	2712	255
SU 16Y P02 A1	35,6	19	2 x 800	⁝	9960	210	A	51	136	17,4	2x7/8"	X	-	1512	269
SE 12D L01 D1	35,8	30	1 x 800	•	11120	330	B	62	113	14,5	7/8"	X	-	2312	188
SN 08D L01 B1	37,1	39	1 x 800	•	14400	890	D	71	85	10,9	7/8"	X	-	1842	167
SN 08Y L01 D1	38,6	35	1 x 800	•	12520	590	C	67	113	14,5	7/8"	X	-	2312	188
SU 16Y L02 B1	40,3	19	2 x 800	••	10840	210	A	51	169	21,7	1"1/8	X	-	3342	283
SN 08Y L01 B2	40,4	35	1 x 800	•	10950	590	C	67	127	16,3	7/8"	X	-	1842	181
SU 16Y P02 B1	40,6	19	2 x 800	⁝	10840	210	A	51	169	21,7	2x7/8"	X	-	1842	293
SN 08D L01 A2	40,7	39	1 x 800	•	12590	890	D	71	102	13,0	7/8"	X	-	1512	162
SE 12D L01 D2	43,0	30	1 x 800	•	10680	330	B	62	169	21,7	7/8"	X	-	2312	208
SU 16Y P02 D1	46,1	19	2 x 800	⁝	11760	210	A	51	226	29,0	2x7/8"	X	-	2312	318
SN 08D L01 B2	46,3	39	1 x 800	•	13570	890	D	71	127	16,3	7/8"	X	-	1842	181
SU 16Y L02 D1	46,7	19	2 x 800	••	11760	210	A	51	226	29,0	1"1/8	X	-	4312	339
SN 08Y L01 D2	46,9	35	1 x 800	•	11930	590	C	67	169	21,7	7/8"	X	-	2312	208
SU 12Y P02 A1	47,0	26	2 x 800	⁝	15290	380	B	58	136	17,4	2x7/8"	X	-	1512	269
SU 12Y L02 A1	47,1	26	2 x 800	••	15290	380	B	58	136	17,4	7/8"	X	-	2712	255
SU 16Y L02 D2	50,9	19	2 x 800	••	10980	210	A+	51	339	43,5	1"3/8	X	-	4312	374
SU 16Y P02 D2	51,2	19	2 x 800	⁝	10980	210	A+	51	339	43,5	2x7/8"	X	-	2312	358
SN 08D L01 B3	51,2	39	1 x 800	•	12810	890	D	71	169	21,7	7/8"	X	-	1842	196
SU 12Y L02 B1	53,3	26	2 x 800	••	16380	380	B	58	169	21,7	1"1/8	X	-	3342	283
SN 08D L01 D2	53,4	39	1 x 800	•	14510	890	C	71	169	21,7	7/8"	X	-	2312	208
SU 12Y P02 B1	53,5	26	2 x 800	⁝	16380	380	B	58	169	21,7	2x7/8"	X	-	1842	293
SU 16Y L03 A1	53,6	21	3 x 800	•••	14940	320	A	53	203	26,1	1"1/8	X	-	3912	366
SE 12D P02 A1	55,2	33	2 x 800	⁝	20060	660	C	65	136	17,4	2x7/8"	X	-	1512	269
SE 12D L02 A1	55,3	33	2 x 800	••	20060	660	C	65	136	17,4	7/8"	X	-	2712	255
SN 08Y P02 A1	58,3	38	2 x 800	⁝	22110	1180	D	70	136	17,4	2x7/8"	X	-	1512	269
SN 08Y L02 A1	58,4	38	2 x 800	••	22110	1180	D	70	136	17,4	7/8"	X	-	2712	255
SN 08D L01 D3	59,4	39	1 x 800	•	13970	890	C	71	226	29,0	1"1/8	X	-	2312	226
SU 16Y L03 B1	60,3	21	3 x 800	•••	16260	320	A	53	254	32,6	1"1/8	X	-	4842	412
SU 12Y P02 D1	60,7	26	2 x 800	⁝	17380	380	B	58	226	29,0	2x7/8"	X	-	2312	318
SU 12Y L02 B2	62,0	26	2 x 800	••	15140	380	B	58	254	32,6	1"1/8	X	-	3342	309
SE 12D P02 B1	62,4	33	2 x 800	⁝	21200	660	C	65	169	21,7	2x7/8"	X	-	1842	293
SE 12D L02 B1	62,6	33	2 x 800	••	21200	660	C	65	169	21,7	1"1/8	X	-	3342	283
SN 08D P02 A1	65,2	42	2 x 800	⁝	27340	1780	D	74	136	17,4	2x7/8"	X	-	1512	269
SN 08D L02 A1	65,3	42	2 x 800	••	27340	1780	D	74	136	17,4	7/8"	X	-	2712	255
SN 08Y L02 B1	66,7	38	2 x 800	••	23650	1180	D	70	169	21,7	1"1/8	X	-	3342	283
SN 08Y P02 B1	66,7	38	2 x 800	⁝	23650	1180	D	70	169	21,7	2x7/8"	X	-	1842	293
SU 16Y L03 B2	66,8	21	3 x 800	•••	14760	320	A	53	381	48,9	1"3/8	X	-	4842	450
SN 08Y L02 A2	70,2	38	2 x 800	••	19830	1180	D	70	203	26,1	1"1/8	X	-	2712	276
SU 12Y L03 A1	70,6	28	3 x 800	•••	22940	570	B	60	203	26,1	1"1/8	X	-	3912	366
SU 12Y P02 D2	71,3	26	2 x 800	⁝	16530	380	A	58	339	43,5	2x7/8"	X	-	2312	358

NEOSTAR SILENCE - Axial fan condenser

NEOSTAR SILENCE 2/6	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m^3/h	W total		dB(A)	m^2	dm^3	Ø mm			mm	kg
SU 16Y L04 A1	71,2	22	4 x 800	••••	19920	420	A	54	271	34,8	1"3/8	X	-	5112	468
SU 16Y P04 A1	71,3	22	4 x 800	::	19920	420	A	54	271	34,8	2x7/8"	X	-	2712	468
SE 12D P02 D1	71,8	33	2 x 800	:	22250	660	B	65	226	29,0	2x7/8"	X	-	2312	318
SN 08D P02 B1	74,3	42	2 x 800	:	28810	1780	D	74	169	21,7	2x7/8"	X	-	1842	293
SN 08D L02 B1	74,5	42	2 x 800	••	28810	1780	D	74	169	21,7	1"1/8	X	-	3342	283
SE 12D L02 B2	75,5	33	2 x 800	••	19900	660	B	65	254	32,6	1"1/8	X	-	3342	309
SN 08Y P02 D1	77,3	38	2 x 800	:	25040	1180	C	70	226	29,0	2x7/8"	X	-	2312	318
SU 12Y L03 B1	79,9	28	3 x 800	•••	24570	570	B	60	254	32,6	1"1/8	X	-	4842	412
SU 16Y P04 B1	80,5	22	4 x 800	::	21680	420	A	54	339	43,5	2x1"1/8	X	-	3342	513
SN 08Y L02 B2	80,7	38	2 x 800	••	21900	1180	C	70	254	32,6	1"1/8	X	-	3342	309
SN 08D L02 A2	81,3	42	2 x 800	••	25190	1780	D	74	203	26,1	1"1/8	X	-	2712	276
SU 16Y L04 B1	81,3	22	4 x 800	••••	21680	420	A	54	339	43,5	1"3/8	X	-	6342	528
SN 08D P02 A2	81,4	42	2 x 800	:	25190	1780	D	74	203	26,1	2x7/8"	X	-	1512	291
SE 12D L03 A1	83,0	35	3 x 800	•••	30090	990	C	67	203	26,1	1"1/8	X	-	3912	366
SE 12D P02 D2	86,2	33	2 x 800	:	21370	660	B	65	339	43,5	2x7/8"	X	-	2312	358
SE 12D L02 D2	86,5	33	2 x 800	••	21370	660	B	65	339	43,5	1"3/8	X	-	4312	374
SN 08D P02 D1	86,5	42	2 x 800	:	30170	1780	D	74	226	29,0	2x7/8"	X	-	2312	318
SN 08Y L03 A1	87,6	40	3 x 800	•••	33170	1770	D	72	203	26,1	1"1/8	X	-	3912	366
SU 16Y P04 B2	89,0	22	4 x 800	::	19680	420	A	54	508	65,2	2x1"1/8	X	-	3342	564
SU 16Y L05 A1	89,6	23	5 x 800	•••••	24900	520	A	55	339	43,5	1"3/8	X	-	6312	579
SN 08D L02 B2	92,1	42	2 x 800	••	27140	1780	D	74	254	32,6	1"1/8	X	-	3342	309
SN 08D P02 B2	92,5	42	2 x 800	:	27140	1780	D	74	254	32,6	2x7/8"	X	-	1842	323
SE 12D L02 D3	93,3	33	2 x 800	••	20520	660	B	65	452	58,0	1"3/8	X	-	4312	409
SU 12Y L03 B2	93,4	28	3 x 800	•••	22720	570	B	60	381	48,9	1"3/8	X	-	4842	450
SU 16Y P04 D1	93,4	22	4 x 800	::	23530	420	A	54	452	58,0	2x1"1/8	X	-	4312	575
SU 16Y L04 D1	93,5	22	4 x 800	••••	23530	420	A	54	452	58,0	1"3/8	-	X	8438	641
SN 08Y L02 D2	93,7	38	2 x 800	••	23870	1180	C	70	339	43,5	1"3/8	X	-	4312	374
SN 08Y P02 D2	93,7	38	2 x 800	:	23870	1180	C	70	339	43,5	2x7/8"	X	-	2312	358
SE 12D L03 B1	93,8	35	3 x 800	•••	31800	990	C	67	254	32,6	1"1/8	X	-	4842	412
SU 12Y L04 A1	94,1	29	4 x 800	••••	30590	760	B	61	271	34,8	1"3/8	X	-	5112	468
SU 12Y P04 A1	94,1	29	4 x 800	::	30590	760	B	61	271	34,8	2x7/8"	X	-	2712	468
SU 16Y L05 A2	97,1	23	5 x 800	•••••	21930	520	A	55	508	65,2	1"5/8	X	-	6312	631
SN 08D L03 A1	98,2	44	3 x 800	•••	41010	2670	D	76	203	26,1	1"1/8	X	-	3912	366
SN 08Y L03 B1	100,1	40	3 x 800	•••	35470	1770	D	72	254	32,6	1"1/8	X	-	4842	412
SE 12D L03 A2	100,2	35	3 x 800	•••	27600	990	C	67	305	39,1	1"3/8	X	-	3912	396
SN 08Y L02 D3	101,3	38	2 x 800	••	22750	1180	C	70	452	58,0	1"3/8	X	-	4312	409
SU 16Y L05 B1	101,5	23	5 x 800	•••••	27100	520	A	55	424	54,4	1"3/8	-	X	7998	661
SU 16Y P04 D2	101,7	22	4 x 800	::	21950	420	A+	54	678	87,0	2x1"3/8	X	-	4312	646
SN 08D L02 B3	103,2	42	2 x 800	••	25630	1780	D	74	339	43,5	1"1/8	X	-	3342	337
SN 08Y L03 A2	105,2	40	3 x 800	•••	29740	1770	D	72	305	39,1	1"3/8	X	-	3912	396
SU 12Y P04 B1	106,6	29	4 x 800	::	32760	760	B	61	339	43,5	2x1"1/8	X	-	3342	513
SN 08D P02 D2	106,8	42	2 x 800	:	29020	1780	C	74	339	43,5	2x7/8"	X	-	2312	358
SU 12Y L04 B1	107,0	29	4 x 800	••••	32760	760	B	61	339	43,5	1"3/8	X	-	6342	528
SU 16Y L06 A1	107,2	24	6 x 800	••••••	29870	630	A	56	407	52,2	1"3/8	X	-	7512	690
SU 16Y P06 A1	107,2	24	6 x 800	:::	29870	630	A	56	407	52,2	2x1"1/8	X	-	3912	673
SN 08D L02 D2	107,2	42	2 x 800	••	29020	1780	C	74	339	43,5	1"3/8	X	-	4312	374

SN 08D : *680 rpm - 890 W max. - 2,22 A max. (4)*
SE 12D : *430 rpm - 330 W max. - 0,86 A max. (4)*
SN 08Y : *540 rpm - 590 W max. - 1,17 A max. (4)*
SU 12Y : *330 rpm - 190 W max. - 0,39 A max. (4)*
SU 16Y : *255 rpm - 105 W max. - 0,25 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327. "DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

M60	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
+1	+1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

NEOSTAR SILENCE 3/6	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m³/h	W total		dB(A)	m²	dm³	Ø mm			mm	kg
SU 16Y L05 B2	110,5	23	5 x 800	•••••	24600	520	A	55	635	81,5	1"5/8	-	X	7998	725
SE 12D L04 A1	110,5	36	4 x 800	••••	40120	1320	C	68	271	34,8	1"3/8	X	-	5112	468
SE 12D P04 A1	110,7	36	4 x 800	::	40120	1320	C	68	271	34,8	2x7/8"	X	-	2712	468
SN 08D L03 B1	111,7	44	3 x 800	•••	43210	2670	D	76	254	32,6	1"1/8	X	-	4842	412
SU 12Y L03 D3	112,5	28	3 x 800	•••	23600	570	A	60	678	87,0	1"1/8	X	-	6312	592
SE 12D L03 B2	113,1	35	3 x 800	•••	29850	990	B	67	381	48,9	1"3/8	X	-	4842	450
SU 16Y P06 A2	115,6	24	6 x 800	:::	26320	630	A	56	610	78,3	2x1"3/8	X	-	3912	735
SN 08Y L04 A1	116,6	41	4 x 800	••••	44230	2360	D	73	271	34,8	1"3/8	X	-	5112	468
SN 08Y P04 A1	116,8	41	4 x 800	::	44230	2360	D	73	271	34,8	2x7/8"	X	-	2712	468
SU 12Y L05 A1	118,1	30	5 x 800	•••••	38230	950	B	62	339	43,5	1"3/8	X	-	6312	579
SN 08D P02 D3	118,7	42	2 x 800	:	27940	1780	C	74	452	58,0	2x1"1/8	X	-	2312	393
SN 08Y L03 B2	121,3	40	3 x 800	•••	32850	1770	C	72	381	48,9	1"3/8	X	-	4842	450
SN 08D L03 A2	122,4	44	3 x 800	•••	37780	2670	D	76	305	39,1	1"3/8	X	-	3912	396
SU 12Y P04 B2	124,0	29	4 x 800	::	30290	760	B	61	508	65,2	2x1"1/8	X	-	3342	564
SU 12Y L04 B2	124,4	29	4 x 800	••••	30290	760	B	61	508	65,2	1"5/8	X	-	6342	579
SE 12D P04 B1	125,2	36	4 x 800	::	42410	1320	C	68	339	43,5	2x1"1/8	X	-	3342	513
SE 12D L04 B1	125,7	36	4 x 800	••••	42410	1320	C	68	339	43,5	1"3/8	X	-	6342	528
SU 12Y P04 B3	129,6	29	4 x 800	::	28110	760	A	61	678	87,0	2x1"1/8	X	-	3342	618
SE 12D L03 D2	129,8	35	3 x 800	•••	32050	990	B	67	508	65,2	1"5/8	X	-	6312	540
SN 08D P04 A1	130,7	45	4 x 800	::	54680	3560	D	77	271	34,8	2x7/8"	X	-	2712	468
SN 08D L04 A1	130,9	45	4 x 800	••••	54680	3560	D	77	271	34,8	1"3/8	X	-	5112	468
SE 12D P04 A2	133,1	36	4 x 800	::	36800	1320	C	68	407	52,2	2x1"1/8	X	-	2712	510
SE 12D L04 A2	133,2	36	4 x 800	••••	36800	1320	C	68	407	52,2	1"1/8	X	-	5112	508
SN 08Y L04 B1	133,8	41	4 x 800	••••	47300	2360	D	73	339	43,5	1"3/8	X	-	6342	528
SU 12Y L05 A2	136,6	30	5 x 800	•••••	34370	950	B	62	508	65,2	1"5/8	X	-	6312	631
SE 12D L05 A1	138,1	37	5 x 800	•••••	50150	1650	C	69	339	43,5	1"3/8	X	-	6312	579
SN 08D L03 B2	139,0	44	3 x 800	•••	40710	2670	D	76	381	48,9	1"3/8	X	-	4842	450
SU 16Y P06 D1	139,9	24	6 x 800	:::	35290	630	A	56	678	87,0	2x1"3/8	X	-	6312	829
SN 08Y L04 A2	140,0	41	4 x 800	••••	39660	2360	D	73	407	52,2	1"5/8	X	-	5112	508
SN 08Y P04 A2	140,5	41	4 x 800	::	39660	2360	D	73	407	52,2	2x1"1/8	X	-	2712	510
SN 08Y L03 D2	140,6	40	3 x 800	•••	35800	1770	C	72	508	65,2	1"5/8	X	-	6312	540
SU 12Y P04 D2	142,5	29	4 x 800	::	33070	760	A	61	678	87,0	2x1"3/8	X	-	4312	646
SU 12Y L04 D2	142,6	29	4 x 800	••••	33070	760	A	61	678	87,0	1"5/8	-	X	8438	711
SU 12Y P06 A1	141,2	31	6 x 800	:::	45880	1140	B	63	407	52,2	2x1"1/8	X	-	3912	673
SU 16Y P08 A1	142,5	25	8 x 800	::::	39830	840	A	57	542	69,6	2x1"3/8	X	-	5112	869
SN 08Y L05 A1	146,1	42	5 x 800	•••••	55290	2950	D	74	339	43,5	1"3/8	X	-	6312	579
SN 08D P04 B1	148,9	45	4 x 800	::	57610	3560	D	77	339	43,5	2x1"1/8	X	-	3342	513
SN 08D L04 B1	149,5	45	4 x 800	••••	57610	3560	D	77	339	43,5	1"3/8	X	-	6342	528
SE 12D P04 B2	151,0	36	4 x 800	::	39810	1320	B	68	508	65,2	2x1"1/8	X	-	3342	564
SE 12D L04 B2	151,4	36	4 x 800	••••	39810	1320	B	68	508	65,2	1"5/8	X	-	6342	579
SU 16Y P06 D2	152,5	24	6 x 800	:::	32930	630	A+	56	1017	130,5	2x1"5/8	X	-	6312	934
SU 12Y L05 B2	155,5	30	5 x 800	•••••	37860	950	B	62	635	81,5	1"5/8	-	X	7998	725
SE 12D L05 B1	157,1	37	5 x 800	•••••	53010	1650	C	69	424	54,4	1"3/8	-	X	7998	661
SU 12Y P06 B1	160,0	31	6 x 800	:::	49140	1140	B	63	508	65,2	2x1"1/8	X	-	4842	738
SN 08Y P04 B2	161,2	41	4 x 800	::	43800	2360	C	73	508	65,2	2x1"1/8	X	-	3342	564
SN 08Y L04 B2	161,4	41	4 x 800	••••	43800	2360	C	73	508	65,2	1"5/8	X	-	6342	579
SU 16Y P08 B1	162,5	25	8 x 800	::::	43370	840	A	57	678	87,0	2x1"3/8	X	-	6342	955
SN 08D P04 A2	162,6	45	4 x 800	::	50370	3560	D	77	407	52,2	2x1"1/8	X	-	2712	510
SN 08D L04 A2	162,8	45	4 x 800	••••	50370	3560	D	77	407	52,2	1"5/8	X	-	5112	508
SU 12Y L06 A2	163,2	31	6 x 800	••••••	41250	1140	B	63	610	78,3	2"1/8	X	-	7512	751
SE 12D L06 A1	165,0	38	6 x 800	••••••	60180	1980	C	70	407	52,2	1"3/8	X	-	7512	690
SE 12D P06 A1	166,1	38	6 x 800	:::	60180	1980	C	70	407	52,2	2x1"1/8	X	-	3912	673
SE 12D L05 A2	166,7	37	5 x 800	•••••	46010	1650	C	69	508	65,2	1"5/8	X	-	6312	631

NEOSTAR SILENCE - Axial fan condenser

NEOSTAR SILENCE 4/6	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m^3/h	W total		dB(A)	m^2	dm^3	Ø mm			mm	kg
SE 12D P04 D2	172,9	36	4 x 800	::	42740	1320	B	68	678	87,0	2x1"3/8	X	-	4312	646
SE 12D L04 D2	173,0	36	4 x 800	••••	42740	1320	B	68	678	87,0	1"5/8	-	X	8438	711
SN 08Y L06 A1	173,7	43	6 x 800	••••••	66340	3540	D	75	407	52,2	1"5/8	X	-	7512	690
SN 08Y P06 A1	175,2	43	6 x 800	:::	66340	3540	D	75	407	52,2	2x1"1/8	X	-	3912	673
SN 08Y L05 A2	175,6	42	5 x 800	•••••	49570	2950	D	74	508	65,2	1"5/8	X	-	6312	631
SU 16Y P10 A1	179,0	26	10 x 800	:::::	49790	1050	A	58	678	87,0	2x1"3/8	X	-	6312	1075
SN 08D L04 A3	180,0	45	4 x 800	•••••	46610	3560	D	77	542	69,6	1"5/8	X	-	5112	550
SN 08D P04 A3	180,7	45	4 x 800	::	46610	3560	D	77	542	69,6	2x1"1/8	X	-	2712	553
SN 08D P04 B2	184,2	45	4 x 800	::	54270	3560	D	77	508	65,2	2x1"1/8	X	-	3342	564
SU 12Y P06 D1	184,7	31	6 x 800	:::	52150	1140	A	63	678	87,0	2x1"3/8	X	-	6312	829
SN 08D L04 B2	186,1	45	4 x 800	••••	54270	3560	D	77	508	65,2	1"5/8	X	-	6342	579
SU 16Y P08 D1	186,9	25	8 x 800	::::	47060	840	A	57	904	116,0	2x1"3/8	-	X	8438	1088
SN 08Y P04 D2	187,4	41	4 x 800	::	47730	2360	C	73	678	87,0	2x1"3/8	X	-	4312	646
SN 08Y L04 D2	187,5	41	4 x 800	••••	47730	2360	C	73	678	87,0	1"5/8	-	X	8438	711
SE 12D P06 B1	187,7	38	6 x 800	:::	63610	1980	C	70	508	65,2	2x1"1/8	X	-	4842	738
SU 12Y P08 A1	188,3	32	8 x 800	::::	61170	1520	B	64	542	69,6	2x1"3/8	X	-	5112	869
SE 12D L05 B2	189,3	37	5 x 800	•••••	49760	1650	B	69	635	81,5	1"5/8	-	X	7998	725
SN 08D P06 A1	196,2	47	6 x 800	:::	82020	5340	D	79	407	52,2	2x1"1/8	X	-	3912	673
SE 12D L06 A2	199,8	38	6 x 800	••••••	55210	1980	C	70	610	78,3	2"1/8	X	-	7512	751
SN 08Y P06 B1	200,1	43	6 x 800	:::	70950	3540	D	75	508	65,2	2x1"1/8	X	-	4842	738
SE 12D P06 A2	200,3	38	6 x 800	:::	55210	1980	C	70	610	78,3	2x1"3/8	X	-	3912	735
SN 08Y L05 B2	202,1	42	5 x 800	•••••	54750	2950	C	74	635	81,5	1"5/8	-	X	7998	725
SU 16Y P10 B1	203,2	26	10 x 800	:::::	54210	1050	A	58	847	108,7	2x1"3/8	-	X	7998	1188
SN 08D L05 A2	203,7	46	5 x 800	•••••	62960	4450	D	78	508	65,2	1"5/8	X	-	6312	631
SN 08D P04 B3	206,4	45	4 x 800	::	51250	3560	D	77	678	87,0	2x1"1/8	X	-	3342	618
SN 08Y L06 A2	210,3	43	6 x 800	••••••	59490	3540	D	75	610	78,3	2"1/8	X	-	7512	751
SN 08Y P06 A2	210,3	43	6 x 800	:::	59490	3540	D	75	610	78,3	2x1"3/8	X	-	3912	735
SU 12Y P06 D2	213,8	31	6 x 800	:::	49600	1140	A	63	1017	130,5	2x1"5/8	X	-	6312	934
SU 12Y P08 B1	214,0	32	8 x 800	::::	65520	1520	B	64	678	87,0	2x1"3/8	X	-	6342	955
SU 16Y P12 A1	214,3	27	12 x 800	::::::	59750	1260	A	59	813	104,4	2x1"3/8	X	-	7512	1281
SN 08D P04 D2	214,3	45	4 x 800	::	58040	3560	C	77	678	87,0	2x1"3/8	X	-	4312	646
SN 08D L04 D2	214,5	45	4 x 800	••••	58040	3560	C	77	678	87,0	1"5/8	-	X	8438	711
SN 08Y L05 B3	216,9	42	5 x 800	•••••	50730	2950	C	74	847	108,7	2"1/8	X	-	7842	793
SE 12D P08 A1	220,8	39	8 x 800	::::	80240	2640	C	71	542	69,6	2x1"3/8	X	-	5112	869
SU 16Y P10 B2	220,9	26	10 x 800	:::::	49210	1050	A	58	1271	163,1	2x1"5/8	-	X	7998	1317
SN 08D P06 B1	223,4	47	6 x 800	:::	86420	5340	D	79	508	65,2	2x1"1/8	X	-	4842	738
SU 12Y P06 D3	224,9	31	6 x 800	:::	47210	1140	A	63	1355	174,0	2x1"1/8	X	-	6312	1042
SE 12D P06 B2	226,3	38	6 x 800	:::	59710	1980	B	70	762	97,9	2x1"3/8	X	-	4842	815
SN 08D L05 B2	231,9	46	5 x 800	•••••	67840	4450	D	78	635	81,5	1"5/8	-	X	7998	725
SN 08Y P08 A1	233,2	44	8 x 800	::::	88460	4720	D	76	542	69,6	2x1"3/8	X	-	5112	869
SU 16Y P12 A2	233,5	27	12 x 800	::::::	52630	1260	A	59	1220	156,6	2x2"1/8	X	-	7512	1403
SU 12Y P10 A1	236,1	33	10 x 800	:::::	76470	1900	B	65	678	87,0	2x1"3/8	X	-	6312	1075
SU 16Y P12 B1	241,6	27	12 x 800	::::::	65050	1260	A	59	1017	130,5	2x1"5/8	X	-	9342	1418
SN 08Y P06 B2	242,5	43	6 x 800	:::	65700	3540	C	75	762	97,9	2x1"3/8	X	-	4842	815
SN 08D L06 A2	243,5	47	6 x 800	••••••	75560	5340	D	79	610	78,3	2"1/8	X	-	7512	751
SN 08D P06 A2	245,0	47	6 x 800	:::	75560	5340	D	79	610	78,3	2x1"3/8	X	-	3912	735

SN 08D : *680 rpm - 890 W max. - 2,22 A max. (4)*
SE 12D : *430 rpm - 330 W max. - 0,86 A max. (4)*
SN 08Y : *540 rpm - 590 W max. - 1,17 A max. (4)*
SU 12Y : *330 rpm - 190 W max. - 0,39 A max. (4)*
SU 16Y : *255 rpm - 105 W max. - 0,25 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327. "DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

M60	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

NEOSTAR SILENCE 5/6	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m^3/h	W total		dB(A)	m^2	dm^3	Ø mm			mm	kg
SE 12D P06 B3	245,3	38	6 x 800	⁝⁝	56220	1980	B	70	1017	130,5	2x1"5/8	X	-	4842	894
SU 16Y P14 A1	247,8	27	14 x 800	⁝⁝⁝⁝⁝⁝⁝	69710	1470	B	59	949	121,8	2x1"5/8	X	-	8712	1466
SU 12Y P08 B2	249,0	32	8 x 800	⁝⁝⁝⁝	60580	1520	B	64	1017	130,5	2x1"5/8	X	-	6342	1057
SE 12D P08 B1	251,3	39	8 x 800	⁝⁝⁝⁝	84810	2640	C	71	678	87,0	2x1"3/8	X	-	6342	955
SN 08D L05 B3	257,9	46	5 x 800	•••••	64060	4450	D	78	847	108,7	2"1/8	X	-	7842	793
SE 12D P06 D2	259,7	38	6 x 800	⁝⁝	64100	1980	B	70	1017	130,5	2x1"5/8	X	-	6312	934
SN 08D P08 A1	261,8	48	8 x 800	⁝⁝⁝⁝	109360	7120	D	80	542	69,6	2x1"3/8	X	-	5112	869
SE 12D P08 A2	266,6	39	8 x 800	⁝⁝⁝⁝	73610	2640	C	71	813	104,4	2x1"1/8	X	-	5112	950
SU 16Y P12 B2	267,2	27	12 x 800	⁝⁝⁝⁝⁝⁝	59050	1260	A	59	1525	195,7	2x2"1/8	-	X	9498	1571
SN 08Y P08 B1	267,4	44	8 x 800	⁝⁝⁝⁝	94600	4720	D	76	678	87,0	2x1"3/8	X	-	6342	955
SU 12Y P10 B1	267,7	33	10 x 800	⁝⁝⁝⁝⁝	81890	1900	B	65	847	108,7	2x1"3/8	-	X	7998	1188
SN 08D P06 A3	270,5	47	6 x 800	⁝⁝	69910	5340	D	79	813	104,4	2x1"3/8	X	-	3912	799
SN 08D L06 A3	270,8	47	6 x 800	••••••	69910	5340	D	79	813	104,4	2"1/8	X	-	7512	816
SE 12D P10 A1	276,3	40	10 x 800	⁝⁝⁝⁝⁝	100300	3300	C	72	678	87,0	2x1"3/8	X	-	6312	1075
SN 08Y P08 A2	280,1	44	8 x 800	⁝⁝⁝⁝	79310	4720	D	76	813	104,4	2x1"5/8	X	-	5112	950
SN 08Y P06 D2	281,2	43	6 x 800	⁝⁝	71600	3540	C	75	1017	130,5	2x1"5/8	X	-	6312	934
SU 12Y P12 A1	282,6	34	12 x 800	⁝⁝⁝⁝⁝⁝	91760	2280	B	66	813	104,4	2x1"3/8	X	-	7512	1281
SU 16Y P14 B1	284,1	27	14 x 800	⁝⁝⁝⁝⁝⁝⁝	75890	1470	A	59	1186	152,2	2x2"1/8	X	-	10842	1654
SU 16Y P16 A1	285,1	28	16 x 800	⁝⁝⁝⁝⁝⁝⁝⁝	79660	1680	A	60	1084	139,2	2x2"1/8	X	-	9912	1646
SN 08Y P10 A1	292,1	45	10 x 800	⁝⁝⁝⁝⁝	110570	5900	D	77	678	87,0	2x1"3/8	X	-	6312	1075
SN 08D P08 B1	298,8	48	8 x 800	⁝⁝⁝⁝	115230	7120	D	80	678	87,0	2x1"3/8	X	-	6342	955
SE 12D P08 B2	302,8	39	8 x 800	⁝⁝⁝⁝	79610	2640	B	71	1017	130,5	2x1"5/8	X	-	6342	1057
SN 08Y P06 D3	303,7	43	6 x 800	⁝⁝	68240	3540	C	75	1355	174,0	2x1"5/8	X	-	6312	1042
SN 08D P06 B3	309,9	47	6 x 800	⁝⁝	76880	5340	D	79	1017	130,5	2x1"5/8	X	-	4842	894
SU 12Y P10 B2	310,9	33	10 x 800	⁝⁝⁝⁝⁝	75720	1900	B	65	1271	163,1	2x1"5/8	-	X	7998	1317
SU 16Y P14 B2	312,4	27	14 x 800	⁝⁝⁝⁝⁝⁝⁝	68890	1470	A	59	1779	228,3	2x2"1/8	-	X	10998	1833
SE 12D P10 B1	314,3	40	10 x 800	⁝⁝⁝⁝⁝	106020	3300	C	72	847	108,7	2x1"3/8	-	X	7998	1188
SU 12Y P12 B1	320,1	34	12 x 800	⁝⁝⁝⁝⁝⁝	98270	2280	B	66	1017	130,5	2x1"5/8	X	-	9342	1418
SN 08Y P08 B2	322,9	44	8 x 800	⁝⁝⁝⁝	87600	4720	C	76	1017	130,5	2x1"5/8	X	-	6342	1057
SU 16Y P16 B1	325,5	28	16 x 800	⁝⁝⁝⁝⁝⁝⁝⁝	86740	1680	A	60	1355	174,0	2x2"1/8	X	-	12342	1874
SN 08D P08 A2	325,5	48	8 x 800	⁝⁝⁝⁝	100740	7120	D	80	813	104,4	2x1"5/8	X	-	5112	950
SU 12Y P14 A1	328,5	34	14 x 800	⁝⁝⁝⁝⁝⁝⁝	107050	2660	B	66	949	121,8	2x1"5/8	X	-	8712	1466
SE 12D P10 A2	333,4	40	10 x 800	⁝⁝⁝⁝⁝	92010	3300	C	72	1017	130,5	2x1"5/8	X	-	6312	1178
SN 08Y P10 B1	334,9	45	10 x 800	⁝⁝⁝⁝⁝	118250	5900	D	77	847	108,7	2x1"3/8	-	X	7998	1188
SE 12D P08 D2	346,0	39	8 x 800	⁝⁝⁝⁝	85470	2640	B	71	1355	174,0	2x1"5/8	-	X	8438	1228
SN 08Y P12 A1	347,5	46	12 x 800	⁝⁝⁝⁝⁝⁝	132690	7080	D	78	813	104,4	2x1"5/8	X	-	7512	1281
SN 08Y P10 A2	351,3	45	10 x 800	⁝⁝⁝⁝⁝	99140	5900	D	77	1017	130,5	2x1"5/8	X	-	6312	1178
SU 16Y P16 B2	355,6	28	16 x 800	⁝⁝⁝⁝⁝⁝⁝⁝	78740	1680	A	60	2033	260,9	2x2"1/8	X	-	12342	2078
SN 08D P08 A3	359,9	48	8 x 800	⁝⁝⁝⁝	93210	7120	D	80	1084	139,2	2x1"5/8	X	-	5112	1035
SN 08D P08 B2	372,3	48	8 x 800	⁝⁝⁝⁝	108550	7120	D	80	1017	130,5	2x1"5/8	X	-	6342	1057
SU 12Y P14 B1	374,8	34	14 x 800	⁝⁝⁝⁝⁝⁝⁝	114650	2660	B	66	1186	152,2	2x2"1/8	X	-	10842	1654
SN 08Y P08 D2	375,0	44	8 x 800	⁝⁝⁝⁝	95460	4720	C	76	1355	174,0	2x1"5/8	-	X	8438	1228
SE 12D P12 B1	375,7	41	12 x 800	⁝⁝⁝⁝⁝⁝	127220	3960	C	73	1017	130,5	2x1"5/8	X	-	9342	1418
SE 12D P10 B2	378,6	40	10 x 800	⁝⁝⁝⁝⁝	99510	3300	B	72	1271	163,1	2x1"5/8	-	X	7998	1317
SE 12D P12 A2	399,5	41	12 x 800	⁝⁝⁝⁝⁝⁝	110410	3960	C	73	1220	156,6	2x2"1/8	X	-	7512	1403
SN 08Y P10 B2	404,2	45	10 x 800	⁝⁝⁝⁝⁝	109500	5900	C	77	1271	163,1	2x1"5/8	-	X	7998	1317
SN 08D P10 A2	407,6	49	10 x 800	⁝⁝⁝⁝⁝	125930	8900	D	81	1017	130,5	2x1"5/8	X	-	6312	1178
SN 08Y P12 A2	420,6	46	12 x 800	⁝⁝⁝⁝⁝⁝	118970	7080	D	78	1220	156,6	2x2"1/8	X	-	7512	1403
SU 12Y P16 B1	427,8	35	16 x 800	⁝⁝⁝⁝⁝⁝⁝⁝	131030	3040	B	67	1355	174,0	2x2"1/8	X	-	12342	1874
SN 08D P08 D2	429,0	48	8 x 800	⁝⁝⁝⁝	116070	7120	C	80	1355	174,0	2x1"5/8	-	X	8438	1228
SE 12D P10 D2	431,5	40	10 x 800	⁝⁝⁝⁝⁝	106840	3300	B	72	1694	217,5	2x2"1/8	-	X	10438	1524
SE 12D P14 B1	438,6	41	14 x 800	⁝⁝⁝⁝⁝⁝⁝	148420	4620	C	73	1186	152,2	2x2"1/8	X	-	10842	1654
SN 08Y P12 A3	448,4	46	12 x 800	⁝⁝⁝⁝⁝⁝	107610	7080	C	78	1627	208,8	2x2"1/8	X	-	7512	1534

NEOSTAR SILENCE - Axial fan condenser

NEOSTAR SILENCE 6/6	Capacity (1) DT1 = 15K	Ventilation							Coil		Connections			Total length	Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement	Air flow	True input power (3)	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides		
	kW	dB(A)	Num. x Ø mm		m^3/h	W total		dB(A)	m^2	dm^3	Ø mm			mm	kg
SN 08D P10 A3	451,2	49	10 x 800	⁘	116520	8900	D	81	1355	174,0	2x1"5/8	X	-	6312	1289
SE 12D P12 B2	453,0	41	12 x 800	⁘	119420	3960	B	73	1525	195,7	2x2"1/8	-	X	9498	1571
SN 08D P10 B2	463,9	49	10 x 800	⁘	135680	8900	D	81	1271	163,1	2x1"5/8	-	X	7998	1317
SE 12D P14 A2	468,2	41	14 x 800	⁘	128820	4620	C	73	1423	182,7	2x2"1/8	-	X	8838	1603
SN 08Y P12 B2	485,5	46	12 x 800	⁘	131400	7080	C	78	1525	195,7	2x2"1/8	-	X	9498	1571
SN 08D P12 A2	486,9	50	12 x 800	⁘	151120	10680	D	82	1220	156,6	2x2"1/8	X	-	7512	1403
SE 12D P12 B3	491,3	41	12 x 800	⁘	112450	3960	B	73	2033	260,9	2x2"1/8	-	X	9498	1732
SU 12Y P16 B2	498,1	35	16 x 800	⁘	121160	3040	B	67	2033	260,9	2x2"1/8	X	-	12342	2078
SE 12D P16 B1	502,4	42	16 x 800	⁘	169620	5280	C	74	1355	174,0	2x2"1/8	X	-	12342	1874
SN 08D P10 B3	515,9	49	10 x 800	⁘	128130	8900	D	81	1694	217,5	2x2"1/8	X	-	7842	1454
SN 08Y P12 B3	522,1	46	12 x 800	⁘	121750	7080	C	78	2033	260,9	2x2"1/8	-	X	9498	1732
SE 12D P14 B2	528,4	41	14 x 800	⁘	139320	4620	B	73	1779	228,3	2x2"1/8	-	X	10998	1833
SE 12D P16 A2	533,7	42	16 x 800	⁘	147220	5280	C	74	1627	208,8	2x2"1/8	-	X	10038	1789
SN 08Y P16 B1	534,6	47	16 x 800	⁘	189190	9440	D	79	1355	174,0	2x2"1/8	X	-	12342	1874
SN 08D P12 A3	541,7	50	12 x 800	⁘	139820	10680	D	82	1627	208,8	2x2"1/8	X	-	7512	1534
SN 08D P12 B2	556,6	50	12 x 800	⁘	162820	10680	D	82	1525	195,7	2x2"1/8	-	X	9498	1571
SN 08Y P14 B2	564,9	46	14 x 800	⁘	153300	8260	C	78	1779	228,3	2x2"1/8	-	X	10998	1833
SN 08D P14 A2	569,9	50	14 x 800	⁘	176300	12460	D	82	1423	182,7	2x2"1/8	-	X	8838	1603
SE 12D P16 A3	573,2	42	16 x 800	⁘	135330	5280	B	74	2169	278,3	2x2"1/8	-	X	10038	1931
SN 08D P16 B1	597,4	51	16 x 800	⁘	230450	14240	D	83	1355	174,0	2x2"1/8	X	-	12342	1874
SE 12D P16 B2	605,9	42	16 x 800	⁘	159220	5280	B	74	2033	260,9	2x2"1/8	X	-	12342	2078
SN 08Y P14 B3	608,4	46	14 x 800	⁘	142040	8260	C	78	2372	304,4	2x2"1/8	-	X	10998	2011
SN 08D P12 B3	617,4	50	12 x 800	⁘	153760	10680	D	82	2033	260,9	2x2"1/8	-	X	9498	1732
SN 08Y P16 B2	646,0	47	16 x 800	⁘	175200	9440	C	79	2033	260,9	2x2"1/8	X	-	12342	2078
SN 08D P14 B2	647,1	50	14 x 800	⁘	189960	12460	D	82	1779	228,3	2x2"1/8	-	X	10998	1833
SE 12D P16 B3	654,0	42	16 x 800	⁘	149930	5280	B	74	2711	347,9	2x2"5/8	-	X	12498	2280
SN 08Y P16 B3	693,6	47	16 x 800	⁘	162330	9440	C	79	2711	347,9	2x2"5/8	-	X	12498	2280
SN 08D P14 B3	720,7	50	14 x 800	⁘	179380	12460	D	82	2372	304,4	2x2"1/8	-	X	10998	2011
SN 08D P16 A3	722,1	51	16 x 800	⁘	186430	14240	D	83	2169	278,3	2x2"1/8	-	X	10038	1931
SN 08D P16 B2	745,1	51	16 x 800	⁘	217090	14240	D	83	2033	260,9	2x2"1/8	X	-	12342	2078
SN 08D P16 B3	819,9	51	16 x 800	⁘	205010	14240	D	83	2711	347,9	2x2"5/8	-	X	12498	2280
SN 08D P16 B4	861,0	51	16 x 800	⁘	194000	14240	D	83	3389	434,9	2x2"5/8	-	X	12498	2484

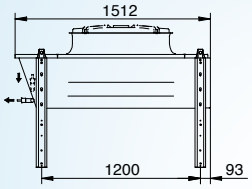
SN 08D : *680 rpm - 890 W max. - 2,22 A max. (4)*
SE 12D : *430 rpm - 330 W max. - 0,86 A max. (4)*
SN 08Y : *540 rpm - 590 W max. - 1,17 A max. (4)*
SU 12Y : *330 rpm - 190 W max. - 0,39 A max. (4)*
SU 16Y : *255 rpm - 105 W max. - 0,25 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327. "DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

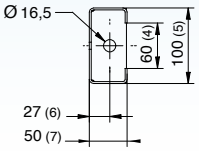
(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

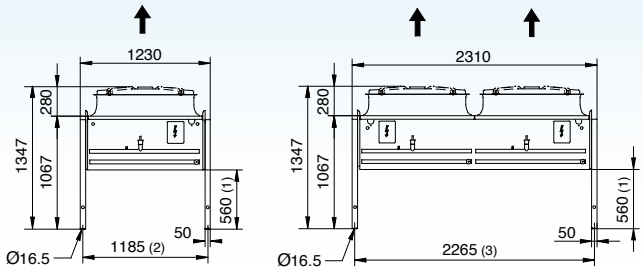
M60	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

Type of module: A
Vertical air flow

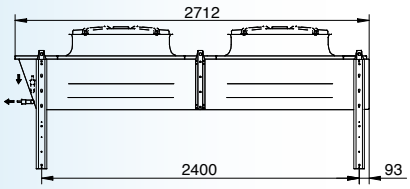


... L01 A... / ... P02 A...

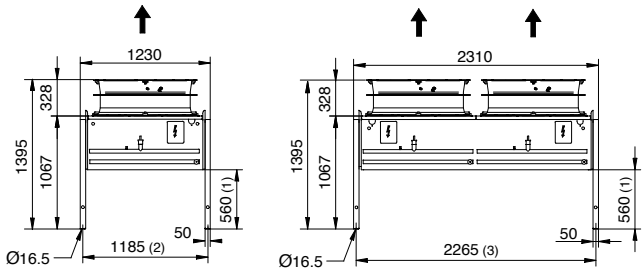




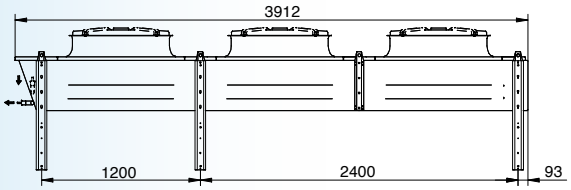
PN 06D ... / PU 06D ... / SN 08D ... / SN 08Y ... / SU 16Y ...



... L02 A... / ... P04 A...

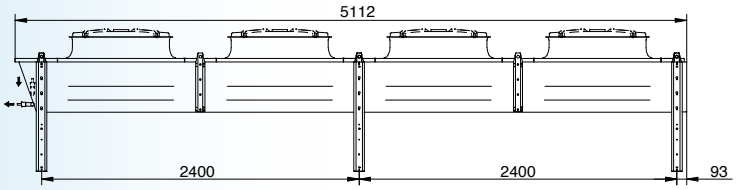


SE 12D ... / SU 12Y ...

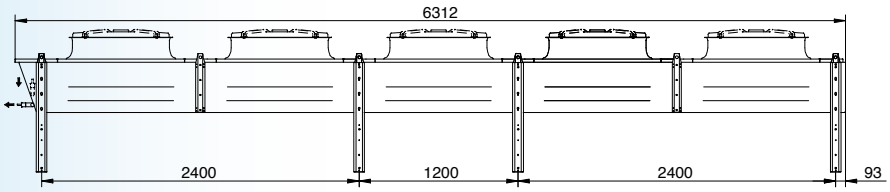


... L03 A... / ... P06 A...

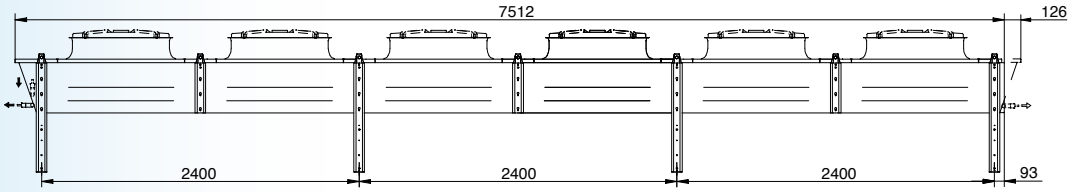
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
REH	800	1185	2265	60	100	27	50
RE2	1400	1205	2285	90	130	37	70
RE3	1900	1205	2285	90	130	37	70
RE4	2400	1205	2285	90	130	37	80



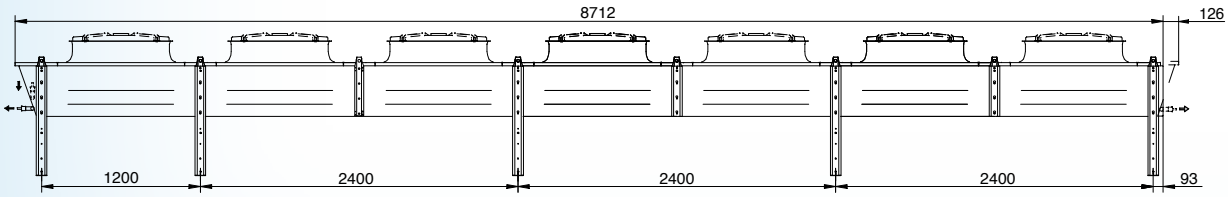
... L04 A... / ... P08 A...



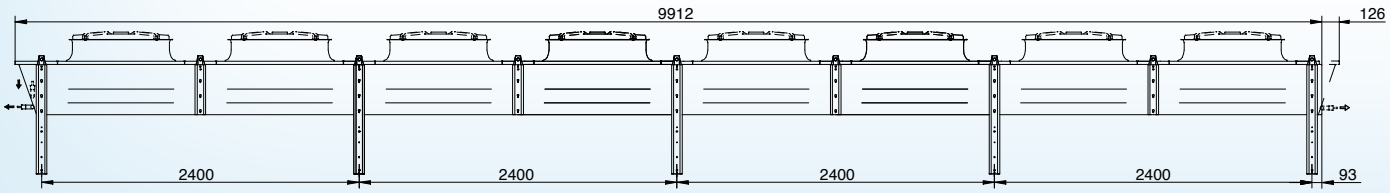
... L05 A... / ... P10 A...



... L06 A... / ... P12 A...



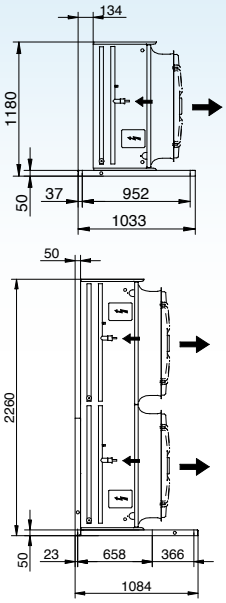
... P14 A...



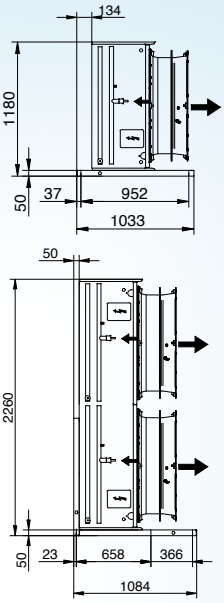
... P16 A...

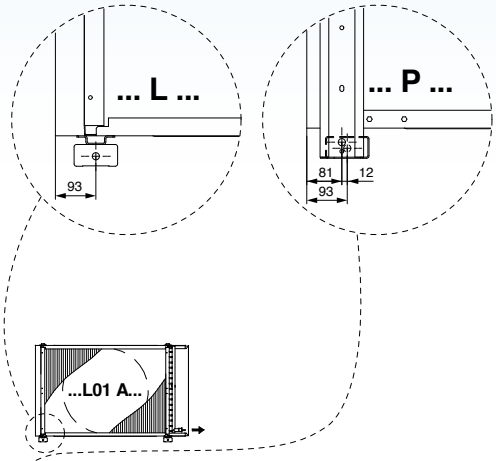
Type of module: A
Horizontal air flow

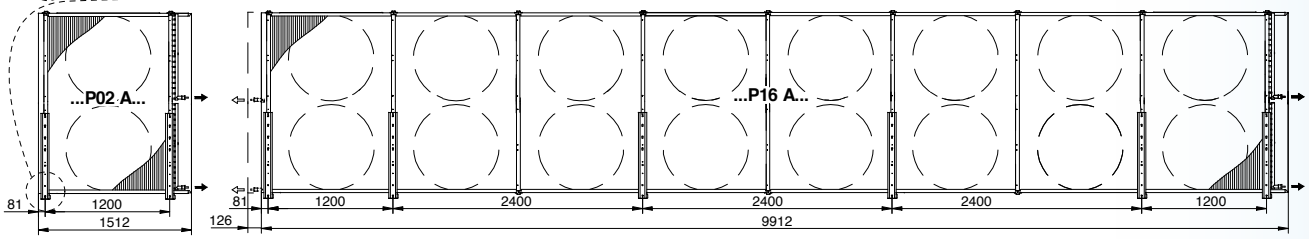
PN 06D ...
PU 06D ...
SN 08D ...
SN 08Y ...
SU 16Y ...

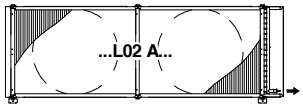


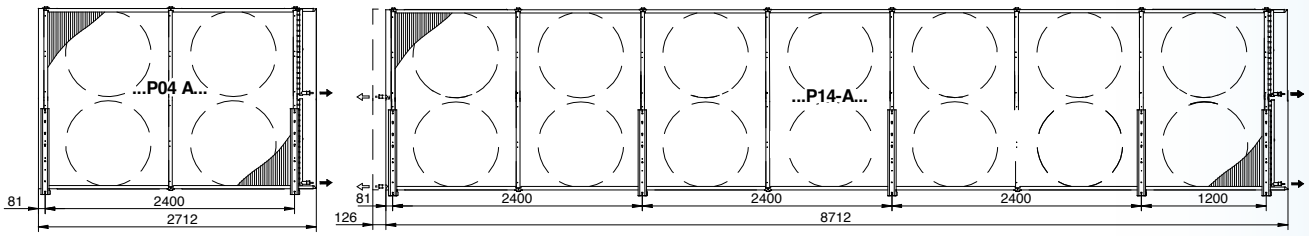
SE 12D ...
SU 12Y ...

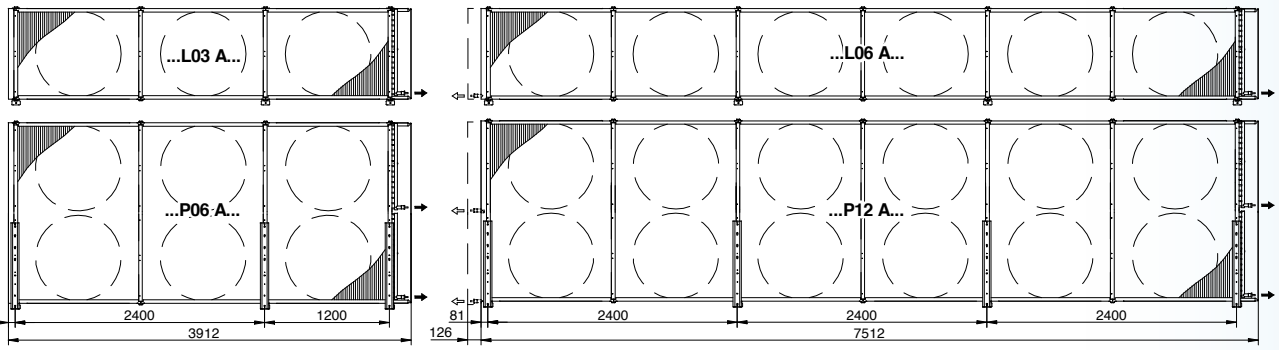


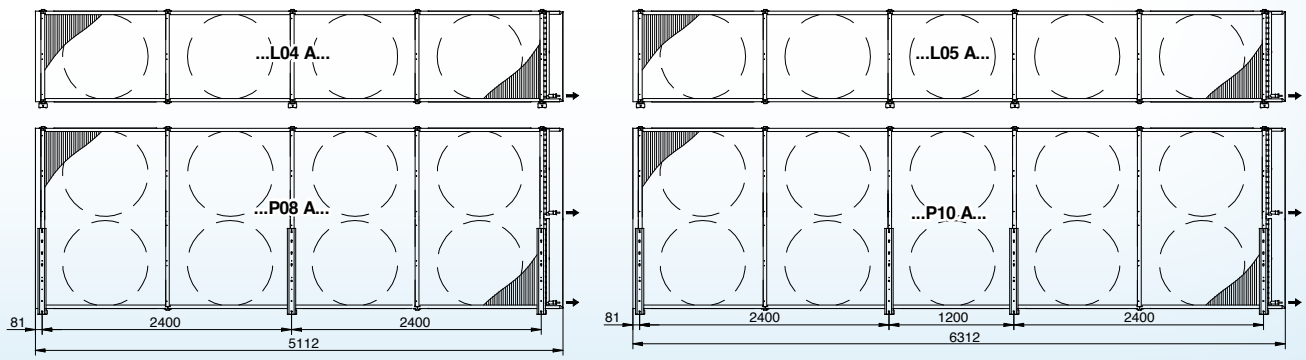




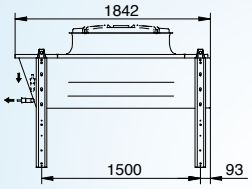




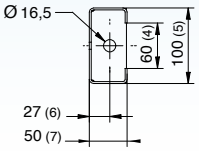


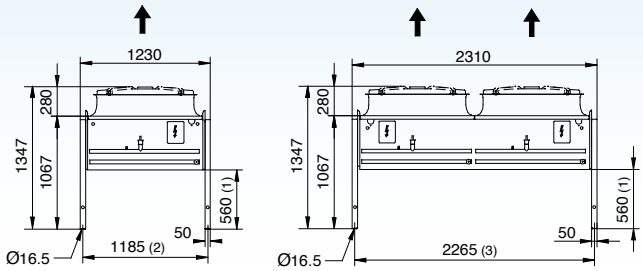


Type of module: B
Vertical air flow

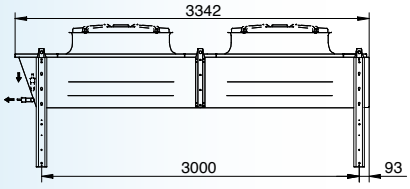


... L01 B... / ... P02 B...

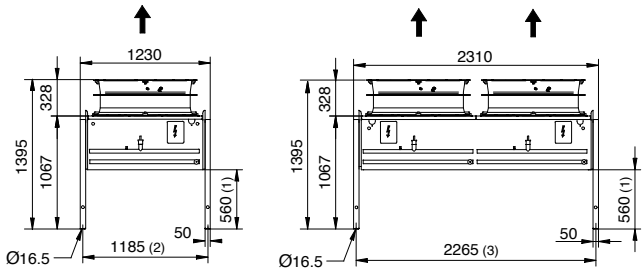




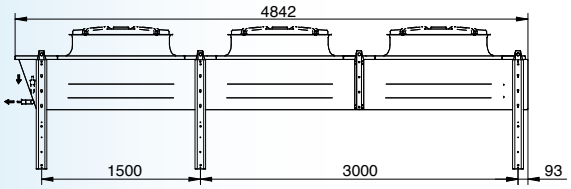
PN 06D ... / PU 06D ... / SN 08D ... / SN 08Y ... / SU 16Y ...



... L02 B... / ... P04 B...

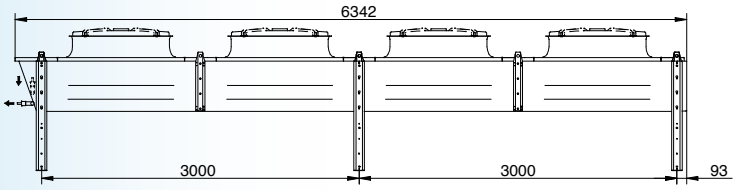


SE 12D ... / SU 12Y ...

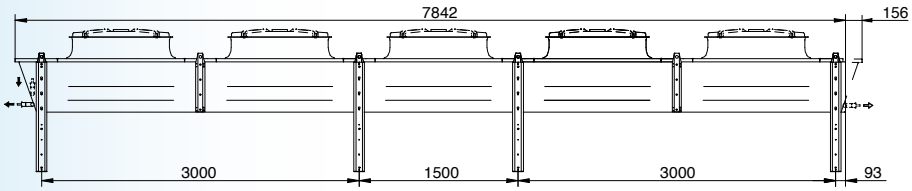


... L03 B... / ... P06 B...

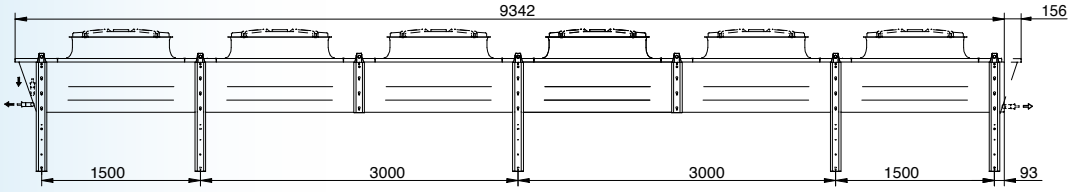
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
REH	800	1185	2265	60	100	27	50
RE2	1400	1205	2285	90	130	37	70
RE3	1900	1205	2285	90	130	37	70
RE4	2400	1205	2285	90	130	37	80



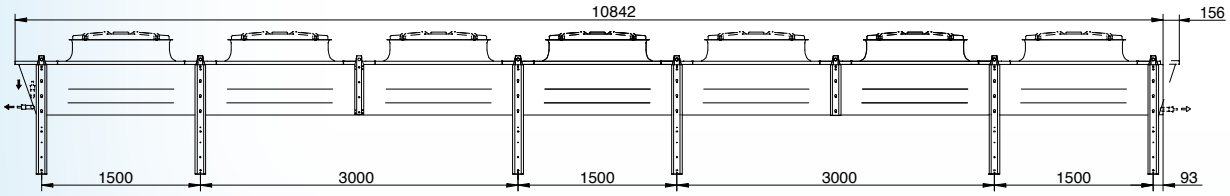
... L04 B... / ... P08 B...



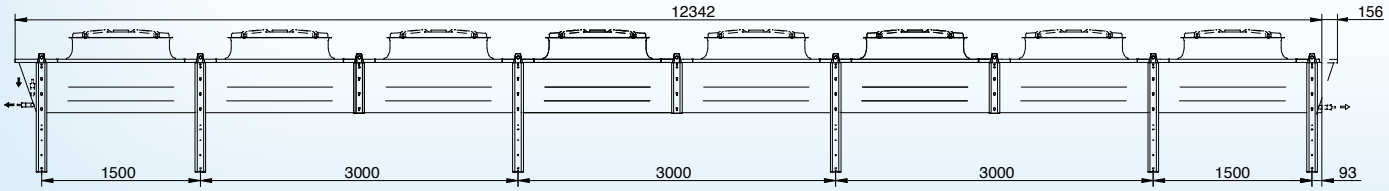
... L05 B... / ... P10 B...



... P12 B...



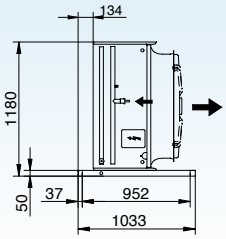
... P14 B...

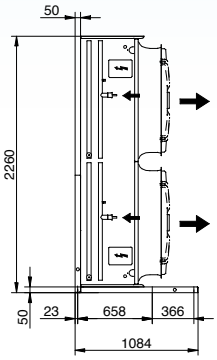


... P16 B...

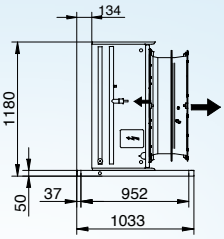
Type of module: B
Horizontal air flow

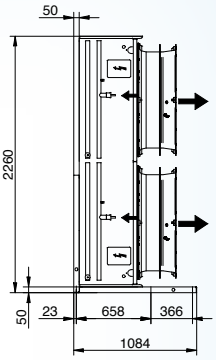
PN 06D ...
PU 06D ...
SN 08D ...
SN 08Y ...
SU 16Y ...

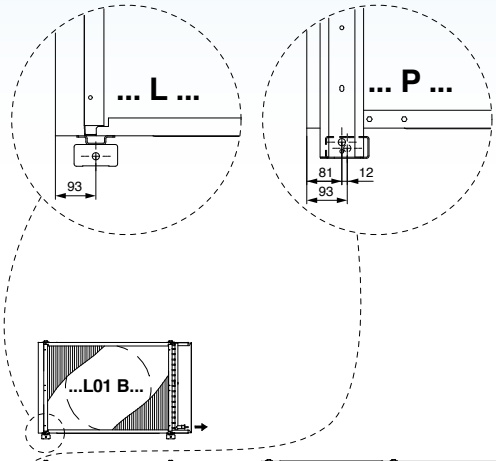


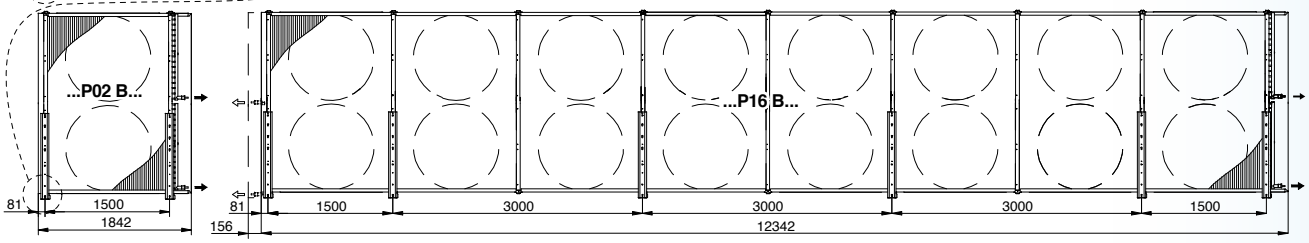


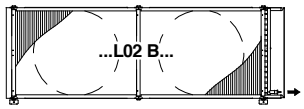
SE 12D ...
SU 12Y ...

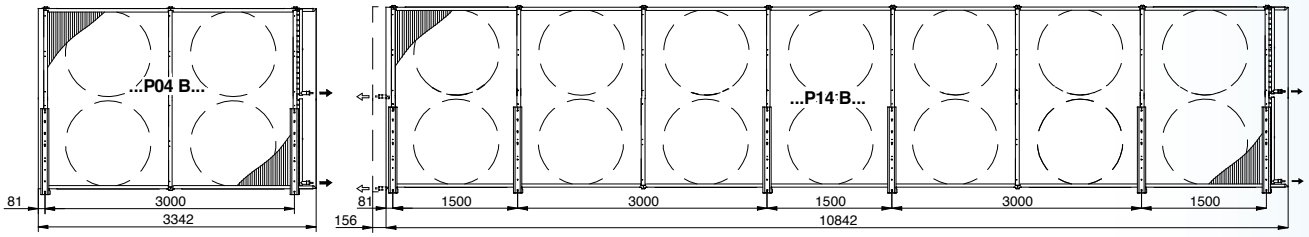


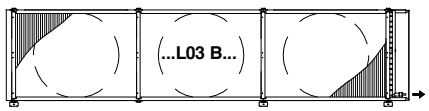


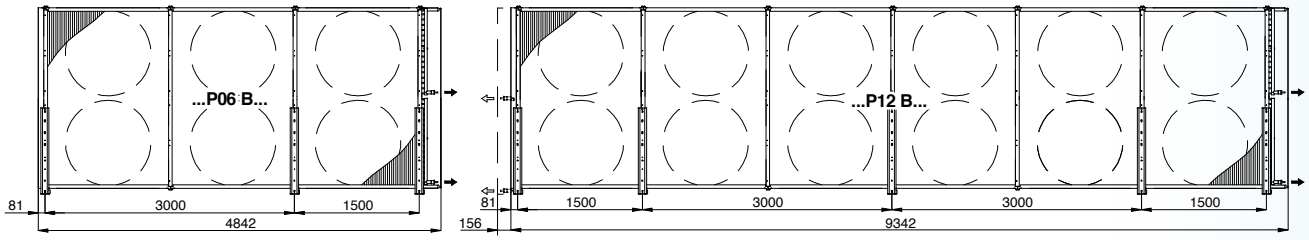


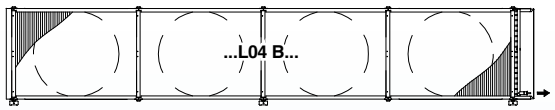


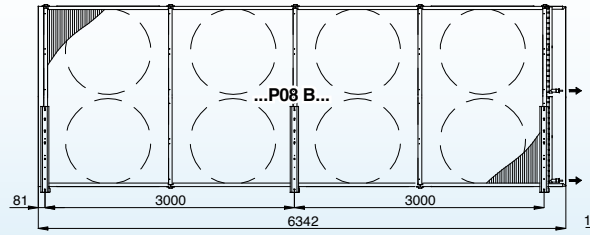


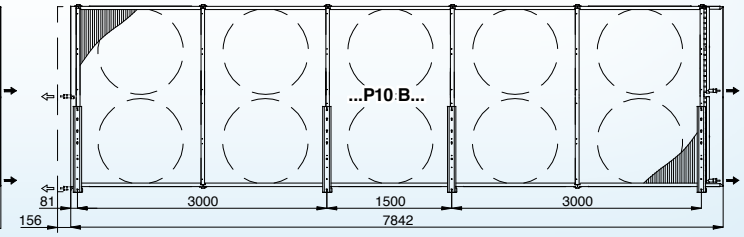




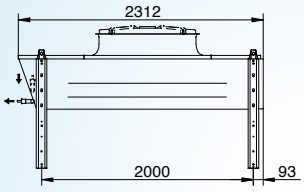




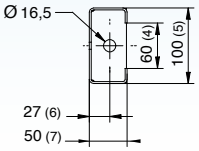


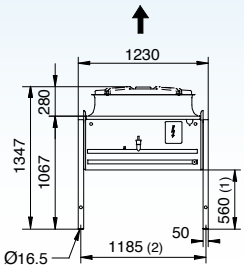


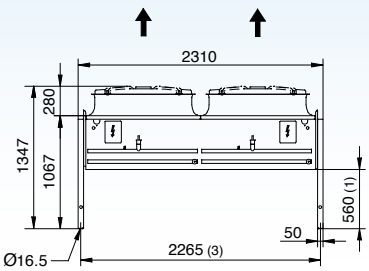
Type of module: D
Vertical air flow



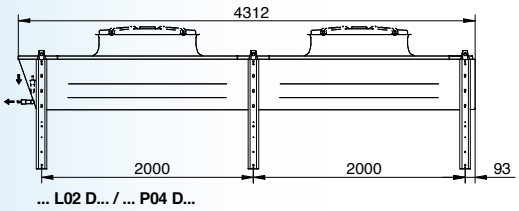
... L01 D... / ... P02 D...



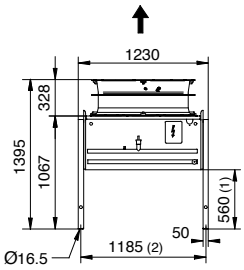


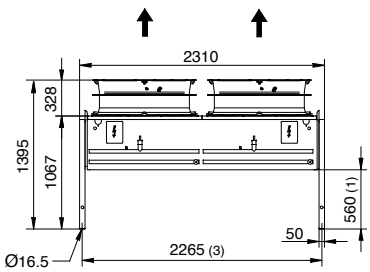


PN 06D ... / PU 06D ... / SN 08D ... / SN 08Y ... / SU 16Y ...

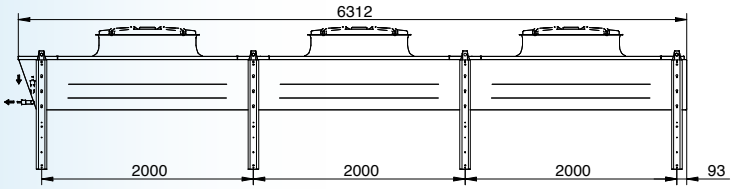


... L02 D... / ... P04 D...



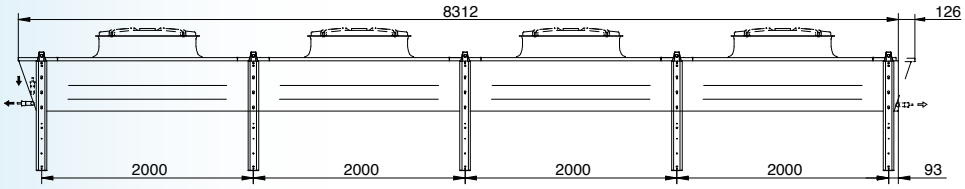


SE 12D ... / SU 12Y ...

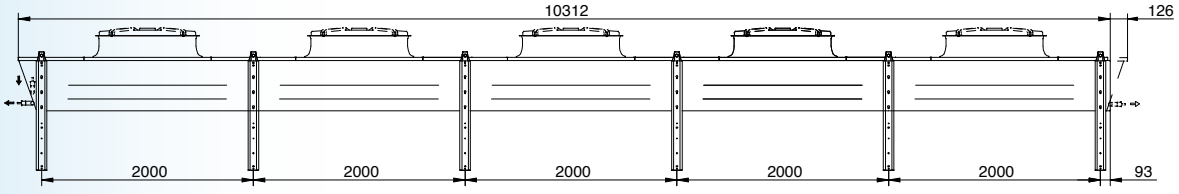


... L03 D... / ... P06 D...

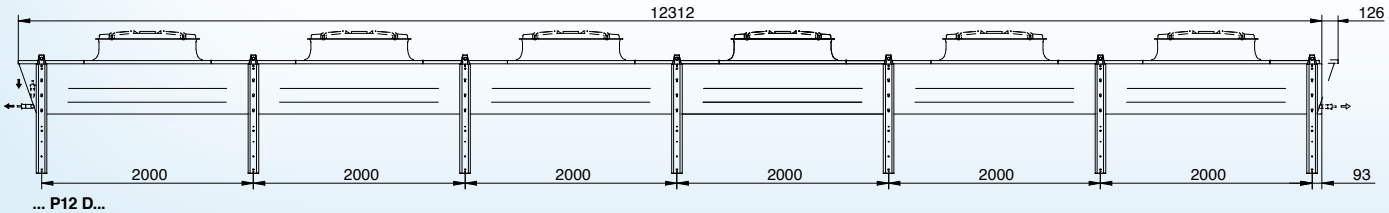
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
REH	800	1185	2265	60	100	27	50
RE2	1400	1205	2285	90	130	37	70
RE3	1900	1205	2285	90	130	37	70
RE4	2400	1205	2285	90	130	37	80



... L04 D... / ... P08 D...



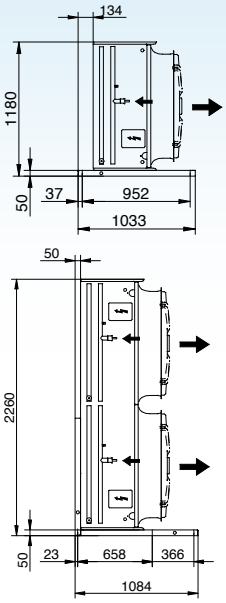
... P10 D...



... P12 D...

Type of module: D
Horizontal air flow

PN 06D ...
PU 06D ...
SN 08D ...
SN 08Y ...
SU 16Y ...



SE 12D ...
SU 12Y ...