Condensing Units — Model COMPACT

- Scroll Range

Applications

- Cold stores, freezer rooms and food preparation area
- Small food retail
- The cooling source for split air conditioning units
- Liquid cooling with separate evaporator module

Main Benefits

- Outdoor use
- Small dimensions
- Low noise
- Easy installation and service
- Reduced energy consumption
- Built-in electrical box
- Remote unit control

Description

- Compressor
  JDK Compact units are design with hermetic compressors - reciprocating or scroll type. Dedicated types of units are equipped with Copeland Digital Scroll ™ compressor, with capability to modulate cooling power in range from 10% to 100%. This technology can be easily applied for various applications. The units with low operation cost using advanced compressors Copeland ZF-EVI are well siutable for freezing applications.
- Condenser
  Air-cooled L-shape condenser allow the installation of cooling units at the minimum distance from the wall. The condensers are designed for ambient temperatures up to +43°C. Low speed fan combined with stepless speed control ensures low noise and optimum operating conditions.
- Electrical box
  The electrical box provides power and fuse elements for the compressor and condenser fan. Switchboard is equipped with a rotary switch located on the main housing of unit. The unit is controlled by an external signal or by a low pressure switch (optional).
- Design
  The unit is fully waterproof. Housing and unit structure components are made from steel and coated by epoxy powder. To reduce noise level emissions, additional insulation material of compressor department is used.
- Unit control
  The standard wiring of unit is ready for a remote thermostat control via ON/OFF signal 230V AC.
  As optional is available a control according compressor suction pressure with built-in low-pressure switch.
  The units with Digital Scroll compressor include an electronic controller for continuous control of the cooling power according to the suction pressure.

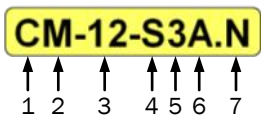
Standard Accessories

- Low noise fan
- Stepless fan speed control
- Crankcase heater
- Low and High pressure switch
- Liquid receiver
- Service valves
- Electrical box
- Solder connections (suction and liquid)
- Housing colour RAL 7035

Optional Accessories

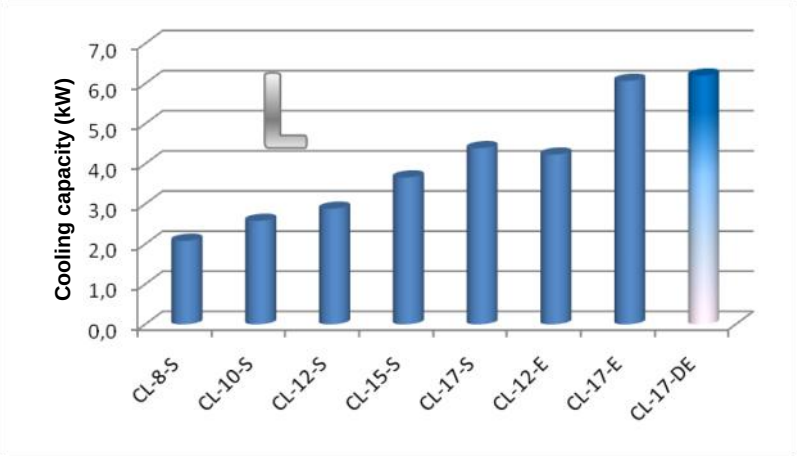
- Remote CPC control box with electronic thermostat without or with defrost algorithm
- Built-in filterdryer and sight glass
- Built-in liquid solenoid valve (for freezing applications only)
- Protective relay monitoring the correct phase sequence
- Protection against unit cycling
- Low pressure control switch
- Insulation ball valves (suction and liquid)
- Protection grill for condenser fins
- Different painting of housing according to RAL scale shades
- Installation kit (wall mounting kit, antivibration mounts...)

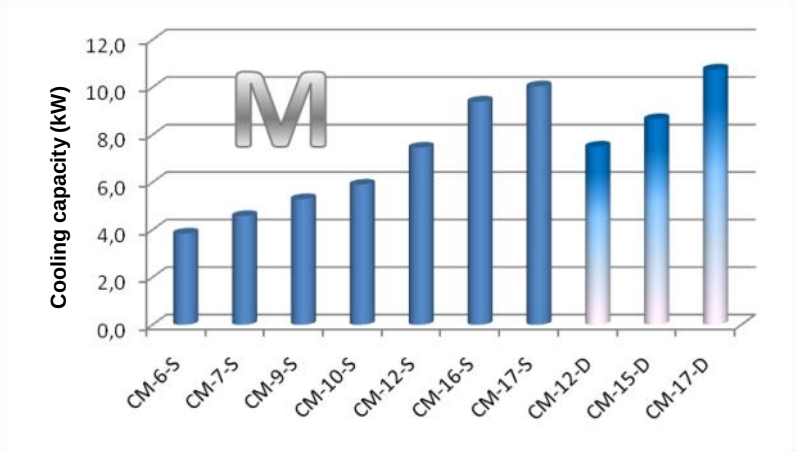
Units Type Designation

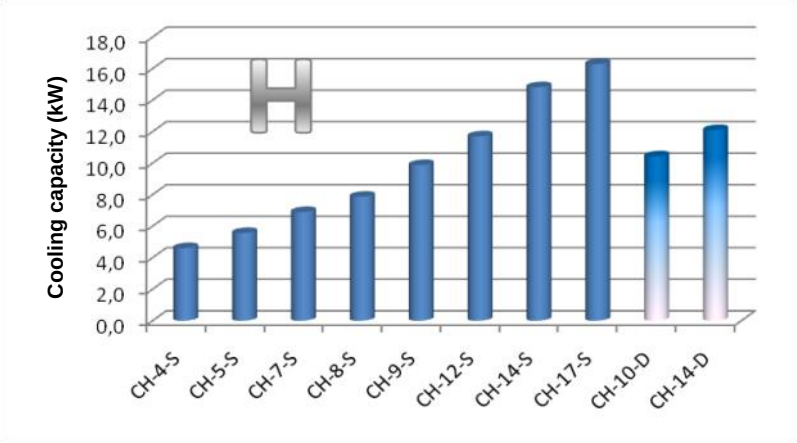


1.. Model
2.. Application
L = Low, M = Medium, H = High Temperature
3.. Compressor displacement (m^3/hr)
4.. Compressor type
S = Scroll, P = reciprocating-Piston, D = Digital, E = EVI
5.. Power supply
1 = 230V/1f/50Hz, 3 = 400V/3f/50Hz
6.. Compressor manufacturer
A = Copeland, B = Danfoss
7.. Additional code

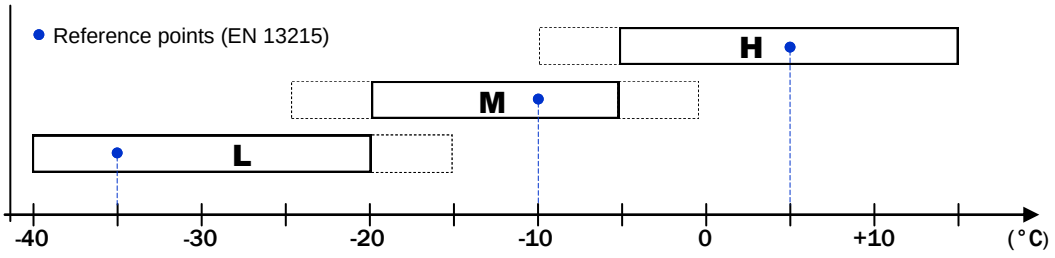
Units Range Overview







Working Range According to Evaporator Temperature



Capacity Data — Temperature Range L (-40 ↔ -10°C) — R404A, R507

			To [°C]						
		Ta [°C]	-40	-35	-30	-25	-20	-15	-10
CL-8-S	Qo[W]	27	1 660	2 080	2 560	3 100	3 710	4 390	5 140
		32	1 560	1 950	2 390	2 890	3 450	4 070	4 760
		38	1 440	1 800	2 200	2 640	3 140	3 690	4 300
		43	1 320	1 640	2 000	2 400	2 840	3 330	3 880
	P [kW]	27	1,58	1,63	1,69	1,77	1,88	2,01	2,15
		32	1,75	1,79	1,85	1,93	2,04	2,16	2,30
		38	1,97	2,00	2,06	2,14	2,24	2,36	2,50
		43	2,20	2,23	2,28	2,35	2,44	2,56	2,70
CL-10-S	Qo[W]	27	2 070	2 580	3 140	3 770	4 480	5 250	6 100
		32	1 940	2 410	2 930	3 510	4 150	4 850	5 630
		38	1 770	2 200	2 670	3 180	3 740	4 360	5 040
		43	1 600	1 990	2 400	2 860	3 350	3 900	4 500
	P [kW]	27	1,98	2,04	2,13	2,24	2,38	2,55	2,74
		32	2,17	2,23	2,31	2,43	2,57	2,73	2,93
		38	2,40	2,46	2,55	2,67	2,81	2,98	3,18
		43	2,63	2,69	2,79	2,91	3,05	3,23	3,43
CL-12-S	Qo[W]	27	2 290	2 880	3 540	4 280	5 080	5 960	6 890
		32	2 160	2 690	3 280	3 950	4 680	5 470	6 320
		38	2 010	2 460	2 970	3 540	4 170	4 860	5 590
		43	1 880	2 250	2 680	3 170	3 710	4 300	
	P [kW]	27	2,11	2,23	2,36	2,52	2,71	2,92	3,15
		32	2,34	2,46	2,60	2,77	2,96	3,17	3,41
		38	2,64	2,77	2,92	3,09	3,29	3,51	3,76
		43	2,96	3,09	3,25	3,42	3,62	3,85	
CL-15-S	Qo[W]	27	2 780	3 450	4 190	5 010	5 890	6 840	7 830
		32	2 580	3 200	3 870	4 610	5 410	6 250	7 140
		38	2 350	2 900	3 490	4 130	4 810	5 530	6 290
		43	2 140	2 620	3 140	3 690			
	P [kW]	27	2,59	2,81	3,04	3,29	3,58	3,90	4,26
		32	2,86	3,10	3,35	3,62	3,92	4,25	4,61
		38	3,19	3,47	3,75	4,05	4,37	4,72	5,09
		43	3,52	3,84	4,15	4,47			
CL-17-S	Qo[W]	27	3 550	4 390	5 360	6 450	7 660	8 980	10 410
		32	3 320	4 100	4 980	5 980	7 080	8 280	9 570
		38	3 030	3 730	4 520	5 400	6 370	7 420	8 550
		43	2 740	3 380	4 090	4 870	5 720	6 660	7 660
	P [kW]	27	3,07	3,24	3,44	3,66	3,92	4,20	4,50
		32	3,38	3,55	3,76	3,98	4,24	4,52	4,83
		38	3,77	3,96	4,17	4,41	4,67	4,95	5,27
		43	4,18	4,37	4,58	4,82	5,08	5,37	5,68
CL-12-E	Qo[W]	27	3 390	4 210	5 120	6 140	7 310	8 630	10 130
		32	3 280	4 070	4 960	5 960	7 100	8 400	9 890
		38	3 090*	3 850	4 700	5 670	6 780	8 050	9 500
		43	2 860*	3 580*	4 410	5 350	6 430		
	P [kW]	27	2,37	2,48	2,62	2,79	2,97	3,17	3,39
		32	2,70	2,81	2,96	3,13	3,33	3,55	3,79
		38	3,16*	3,28	3,43	3,62	3,84	4,09	4,37
		43	3,68*	3,79*	3,94	4,13	4,36		
CL-17-E	Qo[W]	27	5 040	6 110	7 330	8 700	10 220	11 900	13 730
		32	4 970	6 030	7 210	8 540	10 000	11 620	13 380
		38	4 890*	5 920	7 070	8 350	9 750	11 280	12 950
		43	4 830*	5 840*	6 960				
	P [kW]	27	3,41	3,67	3,95	4,24	4,54	4,85	5,19
		32	3,76	4,07	4,39	4,71	5,05	5,40	5,77
		38	4,27*	4,64	5,02	5,40	5,79	6,20	6,62
		43	4,82*	5,24*	5,67				
CL-17-DE	Qo[W]	27	5 190	6 280	7 520	8 940	10 550	12 380	14 450
		32	5 180	6 200	7 380	8 730	10 280	12 050	14 060
		38	5 180*	6 120	7 210	8 480	9 940	11 630	13 550
		43	5 180*	6 040*	7 060	8 250	9 630	11 240	
	P [kW]	27	3,37	3,63	3,91	4,19	4,50	4,82	5,17
		32	3,70	4,01	4,32	4,64	4,98	5,34	5,73
		38	4,19*	4,54	4,90	5,28	5,67	6,08	6,53
		43	4,70*	5,10*	5,50	5,92	6,35	6,82	

T_o ...Evaporating temperature
Q_o...Cooling capacity
P ....Power consumption

T_a ...Ambient temperature
Rating condition: Suction gas return +20°C (EN13215)
* ....Maximum suction gas return temperature 0°C

Capacity Data — Temperature Range L (-30 ↔ +10°C) — R404A, R507

			To [°C]									
		Ta [°C]	-30	-25	-20	-15	-10	-5	0	5	7	10
CM-6-S	Qo[W]	27	1 670	2 130	2 640	3 210	3 840	4 540	5 290	6 110	6 450	6 970
		32	1 460	1 890	2 380	2 910	3 500	4 140	4 830	5 580	5 890	6 380
		38	1 210*	1 620*	2 060	2 550	3 080	3 660	4 280	4 950	5 220	5 650
		43		1 340*	1 760	2 200	2 680	3 200	3 760	4 360	4 610	5 000
	P [kW]	27	1,41	1,46	1,49	1,50	1,51	1,52	1,54	1,57	1,60	1,64
		32	1,66	1,70	1,71	1,72	1,72	1,72	1,73	1,76	1,78	1,82
		38	2,01*	2,03*	2,03	2,02	2,01	2,00	2,00	2,02	2,04	2,07
		43		2,41*	2,39	2,36	2,33	2,30	2,29	2,29	2,30	2,32
CM-7-S	Qo[W]	27	2 210	2 700	3 260	3 880	4 580	5 360	6 220	7 150	7 540	8 150
		32	2 030	2 490	3 000	3 580	4 230	4 940	5 730	6 590	6 960	7 530
		38	1 810*	2 230*	2 700	3 220	3 800	4 440	5 150	5 930	6 260	6 770
		43		1 980*	2 400	2 880	3 400	3 980	4 630	5 340	5 640	
	P [kW]	27	1,68	1,72	1,77	1,82	1,87	1,92	1,99	2,06	2,09	2,14
		32	1,90	1,95	1,99	2,04	2,09	2,14	2,21	2,27	2,30	2,35
		38	2,18*	2,23*	2,28	2,33	2,38	2,43	2,49	2,56	2,59	2,64
		43		2,53*	2,57	2,62	2,67	2,72	2,77	2,84	2,86	
CM-9-S	Qo[W]	27	2 490	3 080	3 740	4 480	5 290	6 170	7 110	8 120	8 530	9 160
		32	2 290	2 820	3 430	4 110	4 850	5 650	6 510	7 420	7 800	8 380
		38	2 040*	2 520*	3 060	3 650	4 300	5 010	5 760	6 560	6 890	7 400
		43		2 230*	2 710	3 230	3 810	4 430				
	P [kW]	27	2,05	2,12	2,19	2,27	2,35	2,44	2,53	2,63	2,67	2,74
		32	2,32	2,39	2,47	2,54	2,63	2,71	2,81	2,91	2,95	3,01
		38	2,66*	2,74*	2,82	2,91	2,99	3,08	3,18	3,28	3,32	3,39
		43		3,10*	3,18	3,27	3,35	3,44				
CM-10-S	Qo[W]	27	2 880	3 520	4 240	5 030	5 900	6 850	7 870	8 970	9 430	10 130
		32	2 620	3 210	3 870	4 590	5 390	6 260	7 210	8 220	8 640	9 300
		38	2 290*	2 830*	3 420	4 060	4 770	5 540	6 380	7 280		
		43		2 460*	3 000	3 580	4 210					
	P [kW]	27	2,52	2,60	2,69	2,78	2,89	3,01	3,14	3,28	3,34	3,44
		32	2,84	2,93	3,02	3,12	3,22	3,34	3,47	3,61	3,67	3,77
		38	3,27*	3,36*	3,45	3,55	3,66	3,78	3,91	4,05		
		43		3,79*	3,88	3,98	4,08					
CM-12-S	Qo[W]	27	3 490	4 300	5 240	6 290	7 460	8 760	10 170	11 690	12 320	13 310
		32	3 180	3 930	4 790	5 760	6 840	8 040	9 340	10 760	11 350	12 270
		38	2 810*	3 490*	4 260	5 130	6 110	7 180	8 360	9 640	10 170	11 010
		43		3 080*	3 780	4 570	5 450	6 430	7 500	8 670	9 160	9 930
	P [kW]	27	2,69	2,76	2,83	2,90	2,98	3,07	3,17	3,29	3,34	3,42
		32	3,04	3,11	3,19	3,26	3,34	3,44	3,54	3,66	3,71	3,79
		38	3,49*	3,57*	3,65	3,73	3,82	3,91	4,02	4,14	4,20	4,28
		43		4,03*	4,11	4,19	4,28	4,37	4,48	4,60	4,65	4,74
CM-17-S	Qo[W]	27	4 900	6 000	7 220	8 570	10 040	11 620	13 310	15 090	15 830	16 960
		32	4 480*	5 480	6 590	7 820	9 160	10 610	12 150	13 790	14 470	15 510
		38	3 990*	4 870*	5 850	6 930	8 110	9 390	10 750			
		43			5 210	6 170	7 220					
	P [kW]	27	4,13	4,28	4,45	4,62	4,81	5,01	5,22	5,45	5,55	5,70
		32	4,62*	4,79	4,96	5,14	5,33	5,53	5,74	5,97	6,07	6,21
		38	5,23*	5,42*	5,60	5,79	5,99	6,20	6,42			
		43			6,20	6,40	6,59					
CM-12-D	Qo[W]	27	3 660	4 440	5 340	6 370	7 500	8 730	10 050	11 430	12 000	12 870
		32	3 400*	4 120	4 960	5 890	6 930	8 050	9 250	10 510	11 030	11 810
		38	3 130*	3 770*	4 510	5 330	6 240	7 210	8 250	9 340	9 780	10 460
		43		3 470*	4 110*	4 830	5 610	6 470	7 370			
	P [kW]	27	2,08	2,33	2,55	2,74	2,92	3,11	3,32	3,55	3,65	3,81
		32	2,26*	2,54	2,78	2,99	3,19	3,38	3,59	3,81	3,91	4,06
		38	2,47*	2,80*	3,07	3,31	3,52	3,73	3,94	4,16	4,25	4,40
		43		3,04*	3,34*	3,60	3,83	4,05	4,25			
CM-15-D	Qo[W]	27	4 300	5 230	6 270	7 420	8 660	10 000	11 420	12 910	13 520	14 450
		32	3 980*	4 840	5 790	6 840	7 970	9 180	10 460	11 800	12 350	13 190
		38		4 370*	5 210*	6 130	7 110	8 150	9 250	10 390		
		43			4 690*	5 500*	6 350					
	P [kW]	27	2,86	3,11	3,35	3,61	3,87	4,14	4,42	4,71	4,83	5,02
		32	3,12*	3,39	3,66	3,93	4,20	4,49	4,78	5,08	5,21	5,40
		38		3,74*	4,04*	4,34	4,64	4,94	5,26	5,58		
		43			4,40*	4,72*	5,04					
CM-17-D	Qo[W]	27	4 660	5 850	7 260	8 890	10 750	12 850	15 170	17 710	18 790	20 470
		32	4 370*	5 530	6 880	8 450	10 230	12 240	14 460	16 890	17 920	19 520
		38		5 120*	6 410	7 890	9 580	11 470	13 560	15 850	16 810	18 320
		43		4 740*	5 970*	7 390	8 990	10 790	12 770			
	P [kW]	27	3,49	3,70	3,91	4,14	4,39	4,67	4,99	5,36	5,53	5,80
		32	3,90*	4,11	4,32	4,55	4,81	5,10	5,43	5,83	6,00	6,29
		38		4,67*	4,89	5,13	5,40	5,70	6,06	6,48	6,67	6,97
		43		5,23*	5,45*	5,69	5,97	6,29	6,66			

T_o ... Evaporating temperature
Q_o .. Cooling capacity
P .... Power consumption

T_a ... Ambient temperature
Rating condition: Suction superheat 10K, subcooling 0K (EN13215)
* .... Max. suction superheat 10K

Capacity Data — Temperature Range L (-10 ↔ +15°C) — R407C

			To [°C]						
		Ta [°C]	-10	-5	0	5	7	10	15
CH-4-S	Qo[W]	27	2 340	2 870	3 490	4 190	4 500	4 980	5 860
		32	2 190	2 700	3 300	3 970	4 260	4 720	5 560
		38	1 980*	2 470	3 020	3 660	3 930	4 370	5 170
		43	1 810*	2 270*	2 790	3 400	3 660	4 080	4 830
	P [kW]	27	0,94	0,96	0,99	1,02	1,04	1,06	1,10
		32	1,04	1,06	1,09	1,13	1,14	1,16	1,21
		38	1,21*	1,22	1,25	1,28	1,30	1,32	1,36
		43	1,37*	1,38*	1,40	1,43	1,44	1,47	1,51
CH-5-S	Qo[W]	27	2 800	3 460	4 210	5 060	5 430	6 010	7 060
		32	2 620	3 240	3 960	4 760	5 110	5 660	6 650
		38	2 370*	2 940	3 600	4 350	4 670	5 180	6 100
		43	2 150*	2 690*	3 310	4 010	4 310	4 790	5 650
	P [kW]	27	1,23	1,26	1,28	1,31	1,32	1,34	1,38
		32	1,37	1,40	1,43	1,46	1,48	1,50	1,54
		38	1,60*	1,62	1,65	1,69	1,70	1,73	1,77
		43	1,82*	1,84*	1,87	1,90	1,92	1,94	1,99
CH-7-S	Qo[W]	27	3 520	4 330	5 250	6 280	6 720	7 420	8 670
		32	3 290*	4 050	4 910	5 880	6 290	6 950	8 120
		38	2 960*	3 670*	4 470	5 360	5 740	6 350	7 430
		43		3 350*	4 090	4 920	5 280	5 850	6 870
	P [kW]	27	1,66	1,71	1,76	1,81	1,83	1,86	1,90
		32	1,85*	1,90	1,96	2,02	2,04	2,08	2,12
		38	2,14*	2,20*	2,26	2,33	2,35	2,39	2,44
		43		2,49*	2,55	2,62	2,64	2,68	2,73
CH-8-S	Qo[W]	27	4 010	4 940	5 990	7 160	7 660	8 460	9 880
		32	3 730*	4 610	5 600	6 710	7 190	7 940	9 280
		38	3 350*	4 170*	5 100	6 140	6 580	7 290	8 550
		43		3 800*	4 680*	5 670	6 090	6 760	
	P [kW]	27	1,94	2,02	2,11	2,21	2,24	2,30	2,38
		32	2,18*	2,27	2,37	2,47	2,51	2,57	2,66
		38	2,52*	2,63*	2,73	2,84	2,88	2,94	3,04
		43		2,95*	3,06*	3,17	3,21	3,27	
CH-9-S	Qo[W]	27	4 910	6 100	7 460	8 970	9 610	10 620	12 420
		32	4 600*	5 730	7 020	8 450	9 060	10 010	11 710
		38	4 150*	5 200*	6 390	7 720	8 290	9 180	10 760
		43	3 790*	4 760*	5 870*	7 110	7 650	8 490	9 970
	P [kW]	27	2,11	2,18	2,25	2,32	2,34	2,38	2,43
		32	2,36*	2,44	2,52	2,59	2,62	2,66	2,71
		38	2,75*	2,83*	2,92	3,00	3,03	3,07	3,12
		43	3,10*	3,19*	3,28*	3,36	3,39	3,43	3,48
CH-12-S	Qo[W]	27	6 050	7 400	8 930	10 640	11 380	12 550	14 640
		32	5 670*	6 960	8 410	10 040	10 740	11 840	13 820
		38	5 160*	6 370*	7 720	9 250	9 900	10 940	12 790
		43		5 880*	7 160*	8 600	9 220	10 200	11 960
	P [kW]	27	2,70	2,77	2,87	2,98	3,03	3,11	3,26
		32	2,98*	3,07	3,18	3,31	3,37	3,46	3,64
		38	3,43*	3,53*	3,65	3,80	3,86	3,97	4,18
		43		3,96*	4,09*	4,24	4,31	4,43	4,65
CH-14-S	Qo[W]	27	8 050	9 680	11 470	13 440	14 270	15 580	17 900
		32	7 500*	9 090	10 800	12 640	13 420	14 640	16 800
		38	6 640*	8 220*	9 880	11 640	12 380	13 530	15 550
		43		7 460*	9 120*	10 850	11 560	12 670	
	P [kW]	27	3,22	3,41	3,62	3,84	3,93	4,05	4,24
		32	3,63*	3,84	4,06	4,30	4,39	4,53	4,73
		38	4,27*	4,47*	4,70	4,94	5,03	5,17	5,38
		43		5,07*	5,29*	5,52	5,61	5,74	
CH-17-S	Qo[W]	27	8 540	10 420	12 510	14 820	15 800	17 340	20 070
		32	7 910*	9 710*	11 710	13 910	14 850	16 320	18 930
		38	7 110*	8 830*	10 720*	12 810	13 710	15 100	17 600
		43		8 110*	9 930*	11 940*	12 800		
	P [kW]	27	3,95	4,17	4,39	4,65	4,76	4,93	5,26
		32	4,38*	4,62*	4,87	5,14	5,25	5,44	5,79
		38	4,97*	5,23*	5,50*	5,79	5,91	6,11	6,47
		43		5,77*	6,06*	6,36*	6,49		

T_o ...Evaporating temperature
Q_o...Cooling capacity
P ....Power consumption

T_a ...Ambient temperature
Rating condition: Suction superheat 10K, subcooling 0K (EN13215)
*** ....Max suction superheat 10K**

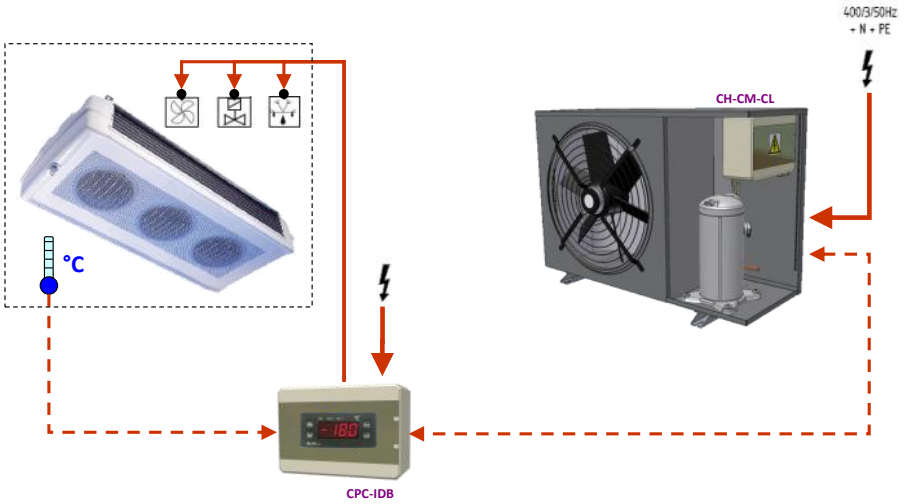
Capacity Data — Temperature Range L (-10 ↔ +15°C) — R407C

			To [°C]						
		Ta [°C]	-10	-5	0	5	7	10	15
CH-10-D	Qo[W]	27	3 600	5 390	7 360	9 510	10 410	11 830	14 300
		32	3 240*	4 950	6 830	8 880	9 740	11 080	13 440
		38	2 780*	4 380*	6 140	8 070	8 880	10 140	12 360
		43	2 380*	3 890*	5 550*	7 360	8 120	9 310	
	P [kW]	27	2,29	2,46	2,64	2,85	2,94	3,10	3,40
		32	2,54*	2,72	2,92	3,15	3,26	3,42	3,75
		38	2,89*	3,10*	3,33	3,58	3,69	3,87	4,22
		43	3,21*	3,45*	3,70*	3,98	4,11	4,30	
CH-14-D	Qo[W]	27	6 170*	7 600	9 210	10 990	11 750	12 950	15 070
		32	5 760*	7 100*	8 610	10 280	10 990	12 110	14 100
		38	5 230*	6 460*	7 850*	9 390	10 060	11 100	12 950
		43			7 220*	8 650	9 260		
	P [kW]	27	2,72*	2,90	3,10	3,31	3,41	3,57	3,88
		32	2,97*	3,18*	3,40	3,64	3,74	3,92	4,24
		38	3,29*	3,53*	3,78*	4,05	4,16	4,34	4,69
		43			4,10*	4,39	4,52		

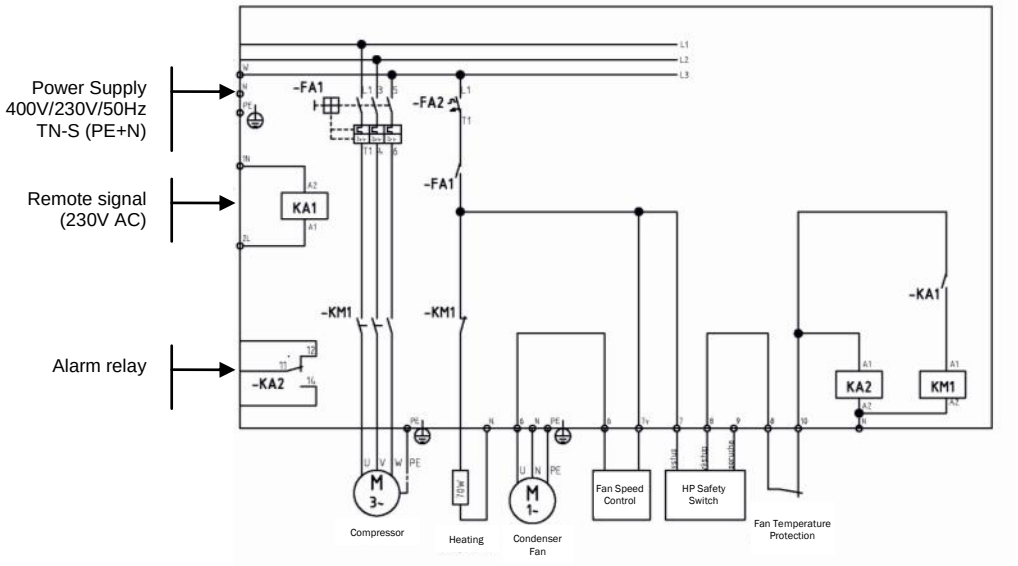
T_o ... Evaporating temperature
Q_o .. Cooling capacity
P .... Power consumption

T_a ... Ambient temperature
Rating condition: Suction superheat 10K, subcooling 0K (EN13215)
* .... Max suction superheat 10K

The Electrical Connections of Cooling Technology



Wiring Diagram

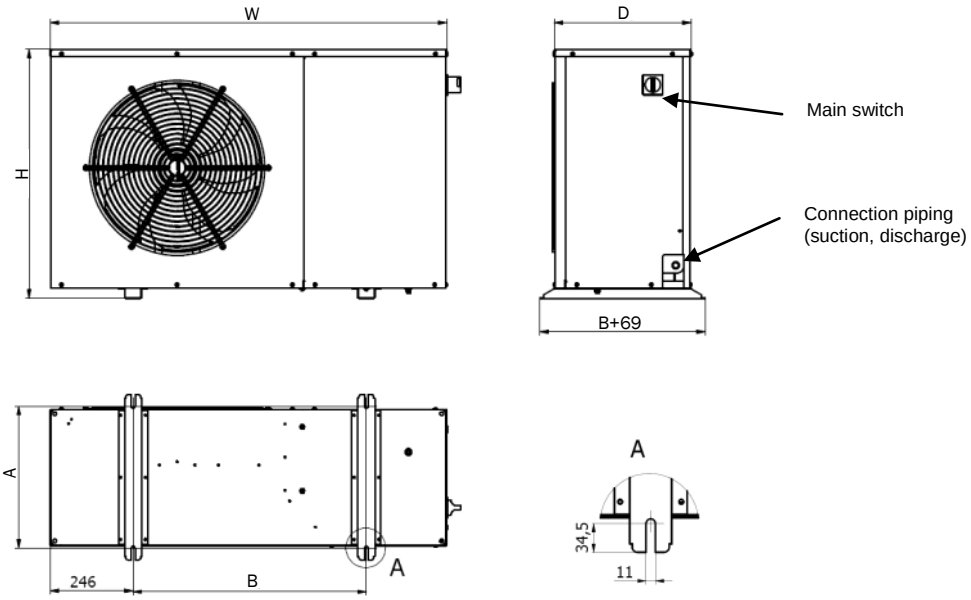


Technical Data

Model	Fan		Compressor	Electrical Data			Sound pressure @ 10m	Piping		Receiver volume	Dimensions					Weight
	Diameter	Air Flow		Supply	MPP	RP		Suction	Liquid		Widht	Depth	Height	Fixing points		
	(mm)	(m^3/hr)			(A)	(A)	(dBA)	(mm)	(mm)	(dm^3)	W (mm)	D (mm)	H (mm)	A (mm)	B (mm)	(kg)
CL-8-S3A	450	4300	ZF09	400V-3f-50Hz	5,6	40	45	16	10	3,4	1180	410	740	421	692	94
CL-10-S3A	450	4300	ZF11	400V-3f-50Hz	6,7	46	46	16	10	3,4	1180	410	740	421	692	95
CL-12-S3A	450	4300	ZF13	400V-3f-50Hz	7,1	52	48	16	10	3,4	1180	410	740	421	692	105
CL-15-S3A	450	4300	ZF15	400V-3f-50Hz	9,1	64	48	22	12	6,8	1180	410	740	421	692	106
CL-17-S3A	450	4100	ZF18	400V-3f-50Hz	10,3	74	50	22	12	6,8	1180	410	740	421	692	108
CL-12-E3A	500	6000	ZF13-EVI	400V-3f-50Hz	8,3	52	48	16	10	3,4	1380	560	840	571	892	140
CL-17-E3A	500	5800	ZF18-EVI	400V-3f-50Hz	12,3	74	50	22	12	6,8	1380	560	840	571	892	140
CL-17-DE3A	500	5800	ZFD18-EVI	400V-3f-50Hz	12	74	46	22	12	6,8	1380	560	840	571	892	144
CM-6-S1A	450	4300	ZB15	230V-1f-50Hz	10,3	58	38	12	10	3,4	1180	410	740	421	692	93
CM-6-S3A	450	4300	ZB15	400V-3f-50Hz	4,1	26	38	12	10	3,4	1180	410	740	421	692	93
CM-7-S1A	450	4300	ZB19	230V-1f-50Hz	12,5	61	38	12	10	3,4	1180	410	740	421	692	93
CM-7-S3A	450	4300	ZB19	400V-3f-50Hz	5,9	32	38	12	10	3,4	1180	410	740	421	692	93
CM-9-S3A	450	4300	ZB21	400V-3f-50Hz	6,3	40	41	16	10	3,4	1180	410	740	421	692	93
CM-10-S3A	450	4300	ZB26	400V-3f-50Hz	7,4	46	41	16	10	3,4	1180	410	740	421	692	92
CM-12-S3A	450	4100	ZB30	400V-3f-50Hz	9,5	49	42	16	10	3,4	1180	410	740	421	692	99
CM-17-S3A	450	4100	ZB45	400V-3f-50Hz	12,1	74	47	22	12	6,8	1180	410	740	421	692	104
CM-12-D3A	500	6000	ZBD30	400V-3f-50Hz	7,4	52	42	22	12	6,8	1380	560	840	571	892	139
CM-15-D3A	500	6000	ZBD38	400V-3f-50Hz	9,6	66	50	22	12	6,8	1380	560	840	571	892	139
CM-17-D3A	500	5800	ZBD45	400V-3f-50Hz	11,3	74	44	22	12	6,8	1380	560	840	571	892	144
CH-4-S1A	450	4300	ZR18	230V-1f-50Hz	8,4	35	37	12	10	3,4	1180	410	740	421	692	84
CH-5-S1A	450	4300	ZR22	230V-1f-50Hz	10,5	47	37	12	10	3,4	1180	410	740	421	692	86
CH-5-S3A	450	4300	ZR22	400V-3f-50Hz	3,7	24	37	12	10	3,4	1180	410	740	421	692	86
CH-7-S3A	450	4300	ZR28	400V-3f-50Hz	4,6	32	37	12	10	3,4	1180	410	740	421	692	89
CH-8-S3A	450	4300	ZR34	400V-3f-50Hz	5,6	40	40	16	10	3,4	1180	410	740	421	692	90
CH-9-S3A	450	4100	ZR40	400V-3f-50Hz	6,4	46	40	16	10	3,4	1180	410	740	421	692	91
CH-12-S3A	450	4100	ZR48	400V-3f-50Hz	7,8	50	40	16	10	3,4	1180	410	740	421	692	95
CH-14-S3A	500	5400	ZR61	400V-3f-50Hz	9,3	59	44	22	12	6,8	1180	410	740	421	692	99
CH-17-S3A	500	5400	ZR72	400V-3f-50Hz	11,3	74	44	22	12	6,8	1180	410	740	421	692	102
CH-10-D1A	500	6000	ZRD42	230V-1f-50Hz	21,5	97	43	16	10	3,4	1380	560	840	571	892	133
CH-14-D3A	500	6000	ZRD48	400V-3f-50Hz	8,2	48	45	22	12	6,8	1380	560	840	571	892	135

MPP…Maximum operating current
RP…Start-up current

Dimensions



Notes

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