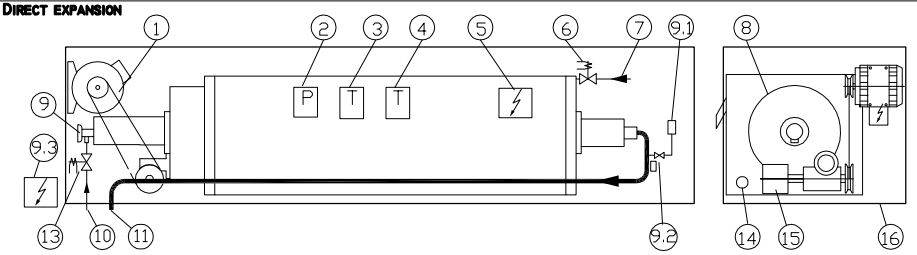
TECHNICAL DATA FOR TYPE D-E-F DRUMS FOR CO2

DIRECT EXPANSION



1 0.37 kW MOTOR
2 WATER PRESSURE SWITCH
3 HEATING THERMOSTAT
4 SAFETY–THERMOSTAT
5 EL–TERMINALBOX
6 SOLENOID VALVE FOR WATER
7 WATER INLET 1/2" BSP(1.4–5.0 Bar)
8 ICEDRUM
9 AUTOMATIC EXSPANSION VALVE

9.1 PRESSURE TRANSMITTER
9.2 TEMPERATURE GAUGE
9.3 CONTROLLER – EXPANSION
10 LIQUID PIPE
11 SUCTION PIPE
13 SOLENOID VALVE FOR REFRIGERANT
14 EL–HEATING ELEMENT
15 SPRINKLER PUMP (ONLY MARINE)
16 STAINLESS STEEL CABINET

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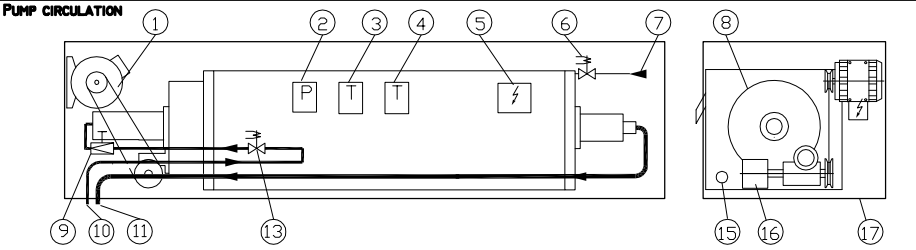
PUMP CIRCULATION



1 0.37 kW MOTOR
2 WATER PRESSURE SWITCH
3 HEATING THERMOSTAT
4 SAFETY THERMOSTAT
5 EL–TERMINALBOX
6 SOLENOID VALVE FOR WATER
7 WATER INLET 1/2" BSP
8 ICE–DRUM (1.4–5.0 Bar)

9 MANUAL INJECTION VALVE
10 CO2 INLET PIPE
11 CO2 OUTLET PIPE
13 SOLENOID VALVE FOR REFRIGERANT
15 EL–HEATING ELEMENT
16 SPRINKLER PUMP (ONLY MARINE)
17 STAINLESS STEEL CABINET

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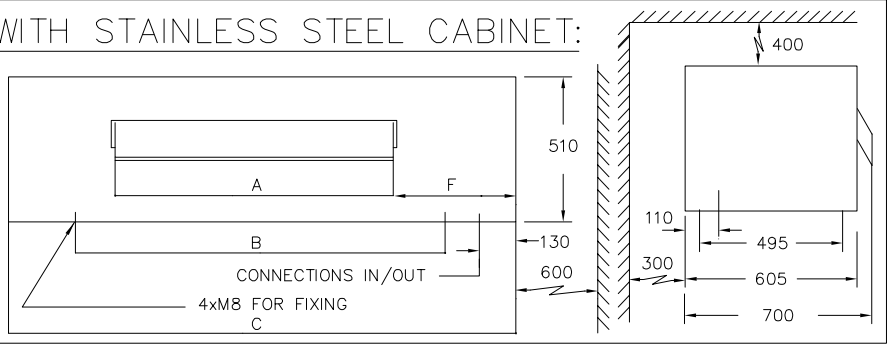
WITH STAINLESS STEEL CABINET:



Type	Ice capacity kg/24h	El–motor Ice–flaker kW	Heating in water–tank kw	Refrigerant	Weight with cabinet kg	Weight without cabinet kg	Cooling capacity/ evap.temp.* Water +15°C kW/°C	Cooling capacity/ evap.temp.* Water +25°C kW/°C
CD1700	1700	0.37	0.7	R744	190	130	9,7/–15	11/–15
CD2100	2100	0.37	0.7	R744	190	130	12/–18	13/–18
CD2800	2800	0.37	0.7	R744	190	130	16/–20	17/–20
CD3500	3500	0.37	0.7	R744	190	130	20/–26	22/–26
CD4000	3500	0.37	0.7	R744	190	130	23/–29	25/–29
CE3500	3500	0.37	1.4	R744	200	140	20/–18	22/–18
CE4400	4400	0.37	1.4	R744	200	140	25/–20	27,5/–20
CE5100	5100	0.37	1.4	R744	200	140	29/–24	32/–24
CE6000	6000	0.37	1.4	R744	200	140	35/–29	38,5/–29
CF5500	5500	0.37	2.1	R744	260	180	32/–18	35/–18
CF6700	6000	0.37	2.1	R744	260	180	39/–20	43/–20
CF7800	7800	0.37	2.1	R744	260	180	45/–22	50/–22
CF9000	9000	0.37	2.1	R744	260	180	52/–24	57/–24
CF11000	11000	0.37	2.1	R744	260	180	64/–30	71/–30

D I M E N S I O N S						
TYPE	A	B	C	D	E	F
TCD PCD	595	657	1155	1250	615	290
TCE PCE	815	887	1385	1370	835	290
TCF PCF	1160	1370	1885	1870	1180	420

* When the ice is produced by salt–water, the evaporation temp. must always be –27°c

How to order example:

P C E 4000 M
- M – Marine model
- XXXX – Cap./24h [kg]
- D,E,F – Drum size
- A – Refrigerant: CO2
- P – Pump circulation. T – DX

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rev. 130614pm