

Type: Ceiling unit coolers

Producer: ECO

Series: DFE

Model: DFE 170-7

Evaporator technical data

Speed:	<u>low</u>	<u>high</u>
Air flow [m ³ /h]:	7200	9300
Air throw [m]:	2x12	2x15
Heat exchange surface [m ²]:		45,6
Inner volume [dm ³]:		15
fin spacing [mm]:		7
Weight [kg]:		99

Fans technical data

Count:		6
Diameter [mm]:		315
Speed:	<u>low</u>	<u>high</u>
RPM [min ⁻¹]:	1090	1340
Power input [W]:	570	660
Current [A]:	2,58	3
Power supply [V/f/Hz]:		230V/1/50Hz

Defrost

Electric [W]:		8550
Power supply [V/f/Hz]:		400V/3/50Hz

Connections

	<u>milimeters</u>	<u>inches (GAS)</u>
Inlet:	16	5/8"
Outlet:	35	1 3/8"
Drain:	25	1"

R404A/R507

Cooling capacity [kW] (high speed)

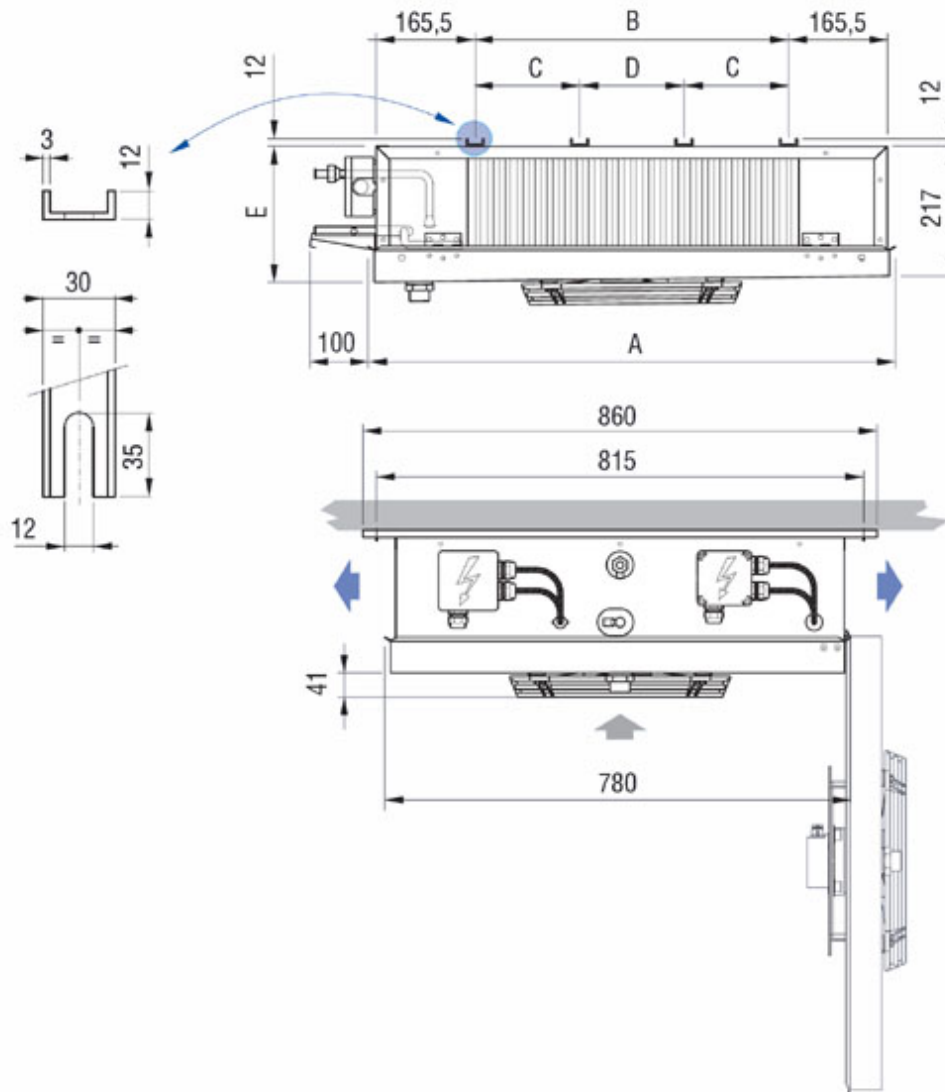
TD \ t_a	-35	-30	-25	-20	-15	-10	-5	0	2
5	5.82	5.82	5.88	6.04	6.20	6.36	6.53	6.69	7.15
6	6.98	6.98	7.06	7.25	7.44	7.64	7.83	8.03	8.58
7	8.14	8.14	8.23	8.46	8.68	8.91	9.14	9.36	10.01
8	9.30	9.30	9.41	9.67	9.92	10.18	10.44	10.70	11.44
9	10.47	10.47	10.58	10.87	11.17	11.46	11.75	12.04	12.87
10	11.63	11.63	11.76	12.08	12.41	12.73	13.05	13.38	14.31
11	12.79	12.79	12.94	13.29	13.65	14.00	14.36	14.71	15.74
12	13.96	13.96	14.11	14.50	14.89	15.27	15.66	16.05	17.17
13	15.12	15.12	15.29	15.71	16.13	16.55	16.97	17.39	18.60
14	16.28	16.28	16.46	16.92	17.37	17.82	18.27	18.73	20.03
15	17.45	17.45	17.64	18.12	18.61	19.09	19.58	20.06	21.46

Cooling capacity [kW] (low speed)

TD \ t_a	-35	-30	-25	-20	-15	-10	-5	0	2
5	4.90	4.90	4.96	5.09	5.23	5.37	5.50	5.64	6.03
6	5.88	5.88	5.95	6.11	6.27	6.44	6.60	6.77	7.24
7	6.86	6.86	6.94	7.13	7.32	7.51	7.70	7.89	8.44
8	7.84	7.84	7.93	8.15	8.37	8.58	8.80	9.02	9.65
9	8.82	8.82	8.92	9.17	9.41	9.66	9.90	10.15	10.85
10	9.80	9.80	9.91	10.19	10.46	10.73	11.00	11.28	12.06
11	10.78	10.78	10.90	11.20	11.50	11.80	12.10	12.40	13.27
12	11.77	11.77	11.90	12.22	12.55	12.88	13.20	13.53	14.47
13	12.75	12.75	12.89	13.24	13.60	13.95	14.30	14.66	15.68
14	13.73	13.73	13.88	14.26	14.64	15.02	15.40	15.79	16.88
15	14.71	14.71	14.87	15.28	15.69	16.10	16.50	16.91	18.09

 t_a - Room temperature [°C]

TD - Difference between evaporating and room temperature [K]



A	3635 mm
B	3274 mm
C	1087 mm
D	1100 mm
E	255 mm

