

Type: Condensers**Producer: ECO****Series: KCE**

Model: KCE 81E3

Condenser technical data

Speed:	<u>low</u>	<u>high</u>
Air flow [m ³ /h]:	12460	15060
Heat exchange surface (int./ext.) [m ²]:		8,9/151
Inner volume [dm ³]:		18
Weight [kg]:		222

Fans technical data

Count:		1
Diameter [mm]:		800
Speed:	<u>low</u>	<u>high</u>
RPM [min ⁻¹]:	510	670
Power input [W]:	500	800
Current [A]:	1	1,95
Power supply [V/f/Hz]:		400V/3/50Hz

Acoustic data

Speed:	<u>low</u>	<u>high</u>
Sound pressure level [dB]:	35	40

Connections

	<u>millimeters</u>
Inlet:	42
Outlet:	35

R404A/R507**Cooling capacity [kW] (high speed)**

TD \ t_a	15	20	25	30	35	40	45	50
8	32.07	31.72	31.25	30.72	30.17	29.66	29.24	28.96
10	40.09	39.65	39.07	38.40	37.72	37.08	36.55	36.20
12	48.10	47.58	46.88	46.08	45.26	44.49	43.86	43.44
14	56.12	55.51	54.70	53.76	52.80	51.91	51.17	50.68
16	64.14	63.44	62.51	61.44	60.35	59.32	58.48	57.92
18	72.16	71.37	70.32	69.12	67.89	66.74	65.79	65.16
20	80.17	79.30	78.14	76.80	75.43	74.15	73.10	72.40

Cooling capacity [kW] (low speed)

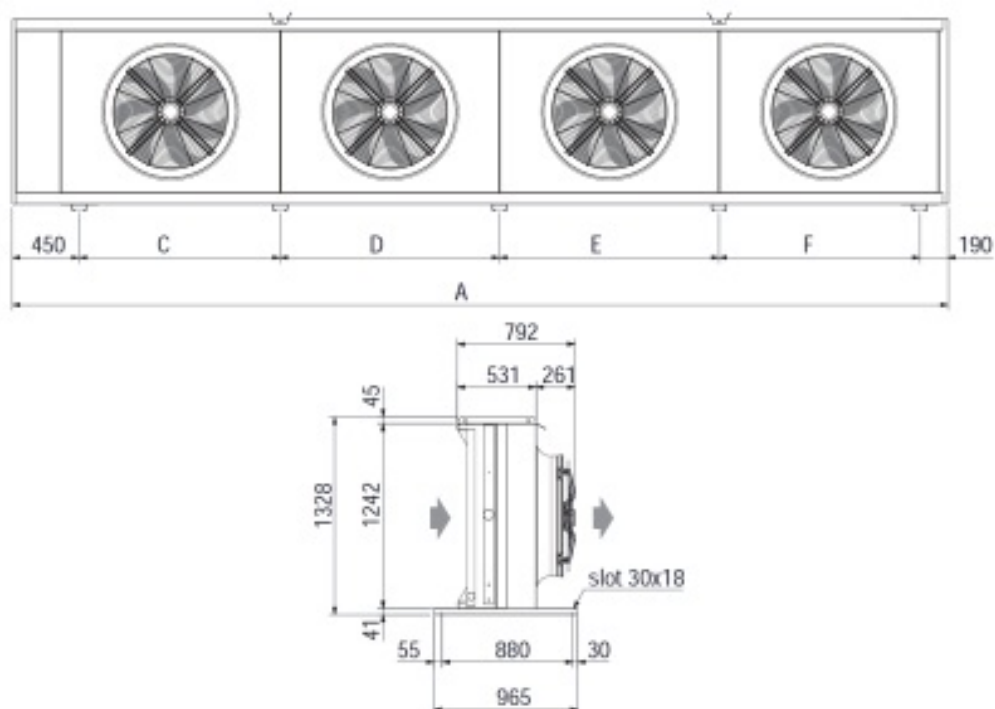
TD \ t_a	15	20	25	30	35	40	45	50
8	28.07	27.77	27.36	26.89	26.41	25.97	25.60	25.35
10	35.09	34.71	34.20	33.62	33.02	32.46	32.00	31.69
12	42.11	41.65	41.04	40.34	39.62	38.95	38.40	38.03
14	49.13	48.60	47.88	47.07	46.23	45.44	44.80	44.37
16	56.15	55.54	54.72	53.79	52.83	51.93	51.19	50.70
18	63.17	62.48	61.56	60.51	59.43	58.43	57.59	57.04
20	70.19	69.42	68.40	67.24	66.04	64.92	63.99	63.38

Operating conditions: height 0 m above sea level, aluminium fins

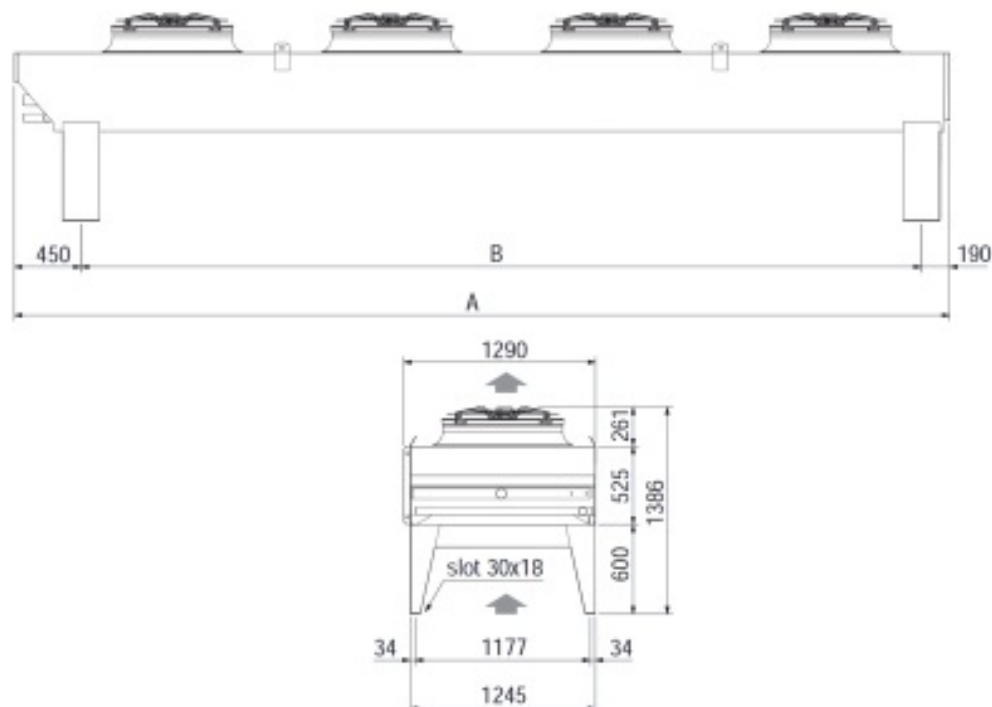
TD - Difference between condensing and ambient temperature [K]

t_a - Ambient temperature [°C]

Version H



Version V



A	1865 mm
B	1225 mm
C	1225 mm



