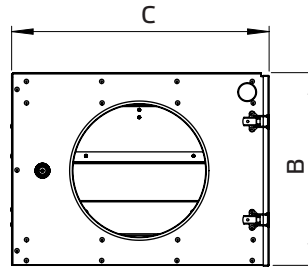
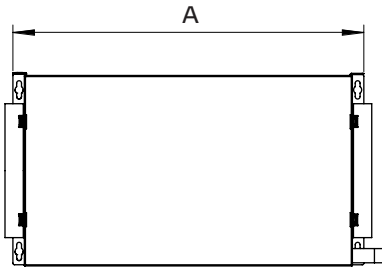


Heat exchanger for reverse heat pump application - DVR



DVR 250 01
Right



DVR 250 02
Left

Type	ID	For models:	A mm	B mm	C mm	Weight kg
DVR 250 01	126775	ETA / ETA K 600 F, 600V, 600 H ACCU K 600 F	479	352	653	21
DVR 250 02	126776	ETA / ETA K 600 F, 600V, 600 H ACCU K 600 F	479	352	653	21

- Heat exchanger for reverse heat pump application
- Sheet steel, galvanized
- Drain pan
- For ceiling and wall mounting
- Without insulation
- Connection DN 250
- With NTC temperature sensor, 5 kOhm
- Test pressure 55 bar
- Operating pressure max. 41 bar

COOLING

Air in t_{LE} (32°C 40% r.F.)

200 m³/h			300 m³/h			400 m³/h			500 m³/h			600 m³/h			700 m³/h		
t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa
13,0	2,0	10	14,1	2,6	14	15,4	3,2	20	16,4	3,7	35	17,2	4,2	52	17,9	4,7	68

Refrigerant R410 A

200 m³/h		300 m³/h		400 m³/h		500 m³/h		600 m³/h		700 m³/h	
P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h
0,5	47	0,9	63	1,3	78	1,8	91	2,3	102	2,8	113

HEATING

Air in t_{LE} (7°C 60% r.F.)

200 m³/h			300 m³/h			400 m³/h			500 m³/h			600 m³/h			700 m³/h		
t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa	t_{ia} °C	Q kW	ΔP_{VL} Pa
36,6	2,0	10	33,5	2,6	14	31	3,2	20	29,6	3,8	35	28,1	4,2	52	27,0	4,7	68

Refrigerant R410 A

200 m³/h		300 m³/h		400 m³/h		500 m³/h		600 m³/h		700 m³/h	
P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h	P kPa	\dot{m} kg/h
0,1	28	0,2	37	0,24	46	0,3	53	0,4	60	0,5	66

Legend

- t_{ia} = Air out temperature
- Q = Cooling coil capacity
- ΔP_{VL} = Air Pressure Loss
- P = Pressure Loss Refrigerant
- \dot{m} = Mass flow rate of refrigerant