

**Evaporators / Ceiling-mounted
evaporators**

**ECO air cooler ceiling GDE 316E4ED
with heating**

Order No.: **164.2350**

Manufacturer: **Modine / ECO**



Technical data

General information

Application	Luftkühlung
Type	Deckenflachverdampfer
Fin spacing	4 mm
Type	GDE 316 E4 ED

Connections

Defrost water drain	1" Inch
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Electric defrosting

Block (low performance)	2 x 2,85 kW
Total	8,55 kW
Tray	1 x 2,85 kW

Electrical Data

Power consumption

Fan	3.00 A	air volume (high)
	2.58 A	air volume (low)
Supply voltage	230/1/50 V/Ph/Hz	

Surfaces

Surface	66 m²
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Weight

Weight net	92,0 kg
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Performance data

Nominal capacity	14,54 kW	t0= -8°C, DT1=8K_R134a (TP)
	12,78 kW	t0= -8°C, DT1=8K_R134a (TP)
	15,98 kW	t0= -8°C, DT1=8K_R404A (TP)
	14,04 kW	t0= -8°C, DT1=8K_R404A (TP)
	12,77 kW	t0= -25°C, DT1=7K_R404A (TP)
	11,22 kW	t0= -25°C, DT1=7K_R404A (TP)
	14,81 kW	t0= -8°C, DT1=8K_R448A (MP)
	13,02 kW	t0= -8°C, DT1=8K_R448A (MP)
	10,92 kW	t0= -25°C, DT1=7K_R448A (MP)
	9,60 kW	t0= -25°C, DT1=7K_R448A (MP)
Nennleistung, t0=-8°C, DT1=8K, R404A	15,98 kW	hohe Drehzahl
	14,04 kW	niedrige Drehzahl
Nennleistung, t0=-8°C, DT1=8K, R448A/ R449A	14,81 kW	hohe Drehzahl
	13,02 kW	niedrige Drehzahl

Pipe connections

Outlet	35 mm	
Inlet	16* mm	*) Therm.Exp.Ventil mit Aussendruck Kompensator nötig

Fan data

Air throughput	8820 m³/h	air volume (high)
	7080 m³/h	air volume (low)
Number of fans	6 pcs	
Pcs x diameter	6 x 315 mm	
Throw distance	2x 14 m	air volume (high)
	2x 11 m	air volume (low)

Volume

Pipe volume	9,9 dm³
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