

**Evaporators / Ceiling-mounted
evaporators**

**ECO air cooler ceiling GDE 312E7ED
with heating**

Order No.: **164.2343**

Manufacturer: **Modine / ECO**



Technical data

General information

Application	Luftkühlung
Type	Deckenflachverdampfer
Fin spacing	7 mm
Type	GDE 312 E7 ED

Connections

Defrost water drain	1" Inch
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Electric defrosting

Block (low performance)	2 x 1,0 kW
Total	3,0 kW
Tray	1 x 1,0 kW

Electrical Data

Power consumption

Fan	1.00 A	air volume (high)
	0.86 A	air volume (low)

Supply voltage	230/1/50 V/Ph/Hz
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Surfaces

Surface	15,6 m ²
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Weight

Weight net	32,0 kg
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Performance data

Nominal capacity	3,93 kW	t0= -8°C, DT1=8K_R134a (TP)
	3,53 kW	t0= -8°C, DT1=8K_R134a (TP)
	4,32 kW	t0= -8°C, DT1=8K_R404A (TP)
	3,87 kW	t0= -8°C, DT1=8K_R404A (TP)
	3,45 kW	t0= -25°C, DT1=7K_R404A (TP)
	3,09 kW	t0= -25°C, DT1=7K_R404A (TP)
	4,01 kW	t0= -8°C, DT1=8K_R448A (MP)
	3,59 kW	t0= -8°C, DT1=8K_R448A (MP)
	2,95 kW	t0= -25°C, DT1=7K_R448A (MP)
	2,65 kW	t0= -25°C, DT1=7K_R448A (MP)
Nennleistung, t0=-8°C, DT1=8K, R404A	4,32 kW	hohe Drehzahl
	3,87 kW	niedrige Drehzahl
Nennleistung, t0=-8°C, DT1=8K, R448A/ R449A	4,01 kW	hohe Drehzahl
	3,59 kW	niedrige Drehzahl

Pipe connections

Outlet	22 mm	
Inlet	12* mm	*) Therm.Exp.Ventil mit Aussendruck Kompensator nötig

Fan data

Air throughput	3120 m ³ /h	air volume (high)
	2580 m ³ /h	air volume (low)
Number of fans	2 pcs	
Pcs x diameter	2 x 315 mm	
Throw distance	2x 9 m	air volume (high)
	2x 7 m	air volume (low)

Volume

Pipe volume	3,3 dm ³
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