

ED-A Series Cabinet Coolers - Dual Air Throw

The **Karyer ED-A** series cabinet coolers are ceiling mounted heat exchangers with dual air throw specially designed compact evaporators for use in smaller commercial applications and refrigerated cabinets.

The ED-A series evaporators have a professional and fresh white case finish that will compliment any installation project in the Australian marketplace.

These evaporators are designed with optimum tube diameters that ensure the smallest refrigerant charges coupled with maximum increased efficiency and excellent oil return.

The 3.0mm fin spacings offered have been selected to ensure a finely tuned balance that will provide trouble free operation with the most efficient cooling effect for correctly engineered applications.

ED-A dual air throw cabinet coolers are supplied with world-renowned high quality and reliable brand fan motors with 250mm and 300mm fan blades fitted.

ED-A series features:

- Evaporator case panels - white powder coated aluminium
- Stainless steel fittings (screws, nuts & bolts etc)
- Dual air throw combined with compact coil and case design
- Designed for flush mounting
- Standard coils are engineered for multiple refrigerants
- Aluminium fins with 3.0mm fin spacing
- Epoxy powder coated coil and fin treatment
- High-performance copper tube for excellent heat transfer
- The drip/drain pans are screwed for easy access and cleaning
- Single phase fan motors pre-wired back to the electrical connection box



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Dual Air Throw Cabinet Coolers - Medium Temperature

Based on -4°C Saturated Suction Temperature

Model		EDAM005A1250	EDAM006A1250	EDAM008A1250	EDAM009A1300	EDAM012A1300
R134A	Watts 6ktd	492	600	726	840	1116
	Watts 1ktd	82	100	121	140	186
R513A	Watts 6ktd	504	612	750	924	1140
	Watts 1ktd	84	102	125	154	190
R404A	Watts 6ktd	558	678	834	1026	1266
	Watts 1ktd	93	113	139	171	211
R507	Watts 6ktd	558	678	834	1026	1266
	Watts 1ktd	93	113	139	171	211
R449A & R452A	Watts 6ktd	528	642	792	972	1200
	Watts 1ktd	88	107	132	162	200
R448A	Watts 6ktd	534	648	798	984	1218
	Watts 1ktd	89	108	133	164	203

Technical Information

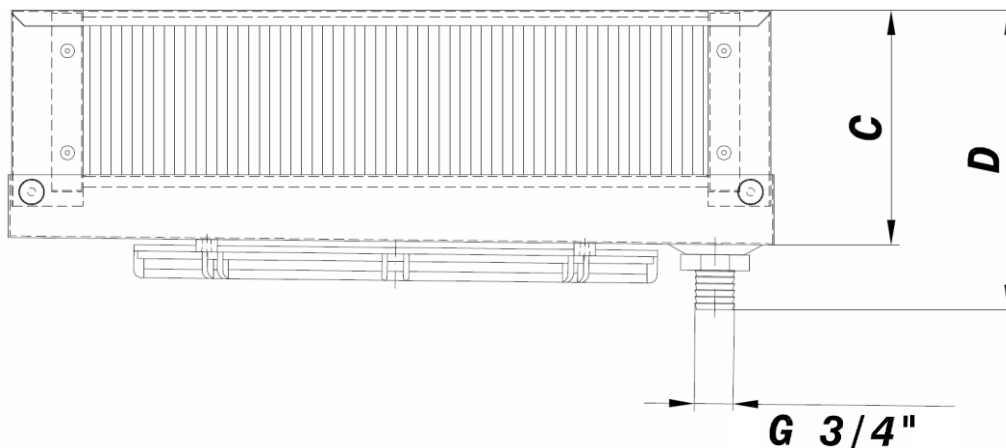
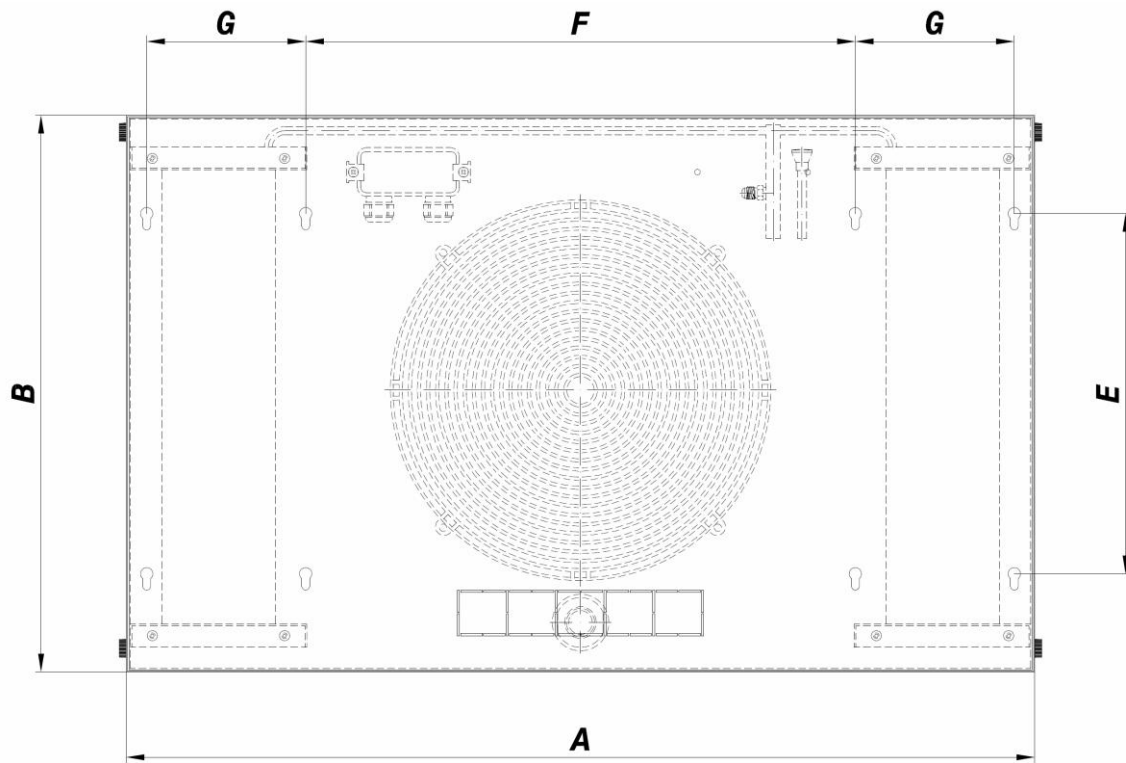
Model		EDAM005A1250	EDAM006A1250	EDAM008A1250	EDAM009A1300	EDAM012A1300
Air Flow	(m ³ /hr)	489	436	504	696	792
Air Throw	(metres)	2 x 2.7	2 x 2.4	2 x 2.5	2 x 3.0	2 x 3.1
Fans	(Qty)	1 x 250 mm	1 x 250 mm	1 x 250 mm	1 x 300 mm	1 x 300 mm
230/1/50Hz Fan Motors	Total Watts	65	65	65	95	95
	Total Amps	0.45	0.45	0.45	0.68	0.68
Outlet Connection	(Diam)	7.0 mm	7.0 mm	3/8 inch	1/2 inch	1/2 inch
Inlet Connection	(Diam)	7.0 mm	7.0 mm	5/16 inch	5/16 inch	5/16 inch
TX Valve Required		Internal equalized	Internal equalized	External equalized	External equalized	External equalized
Tube Volume	(dm ³)	0.3	0.4	0.5	0.5	0.8
Fin Spacing	(mm)	3.0	3.0	3.0	3.0	3.0
Dry Weight	(kg)	6.0	6.0	7.0	9.6	10.6
Overall Dimensions (mm)	Length	600	600	600	800	800
	Width	390	390	390	490	490
	Height (includes drain)	161	161	181	191	201

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Dual Air Throw Cabinet Coolers - Dimensions

Evaporator Model (1 x 250mm Fan)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Drain Connection
EDAM005A1250	600	390	120	161	217	284	140	G 3/4"
EDAM006A1250	600	390	120	161	217	284	140	G 3/4"
EDAM008A1250	600	390	140	181	217	284	140	G 3/4"

Evaporator Model (1 x 300mm Fan)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Drain Connection
EDAM009A1300	800	490	150	191	317	484	140	G 3/4"
EDAM012A1300	800	490	160	201	317	484	140	G 3/4"



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Dual Air Throw Cabinet Coolers - Shipping Dimensions & Weights

Evaporator Model	Shipping Packaged Dimensions (mm)			Shipping Weight (Kg)
	Depth	Width	Height	
EDAM005A1250	390	600	220	6.4
EDAM006A1250	390	600	220	6.4
EDAM008A1250	390	600	220	7.4
EDAM009A1300	500	860	220	10.2
EDAM012A1300	500	860	220	11.2

Dual Air Throw Cabinet Coolers - Spare Parts

Cabinet Cooler Model	Fan Motor		Fan Blade		Fan Grille	
	Part No.	Description	Part No.	Description	Part No.	Description
EDAM005A1250	VNT1625	VNT 16-25	D90836	254mm Diameter / 34° pitch	D90442	Fan Grille (250mm)
EDAM006A1250	VNT1625	VNT 16-25	D90836	254mm Diameter / 34° pitch	D90442	Fan Grille (250mm)
EDAM008A1250	VNT1625	VNT 16-25	D90836	254mm Diameter / 34° pitch	D90442	Fan Grille (250mm)
EDAM009A1300	VNT2540	VNT 25-40	D90837	300mm Diameter / 22° pitch	D90472	Fan Grille (300mm)
EDAM012A1300	VNT2540	VNT 25-40	D90837	300mm Diameter / 22° pitch	D90472	Fan Grille (300mm)

