

KOOL (for cold stores)

The KOOL comprises a powder coated steel case containing double inlet fans. Ambient air is drawn in through a perforated steel mesh at the front of the unit and delivered across the doorway via adjustable lamella.

This unit provides a tight ambient air seal across the opening of refrigerated stores and freezers to prevent cold air from escaping and warm air from entering. This reduces operating costs by saving energy and improves the temperature and performance of the store. For applications with extreme cold and/or humidity and/or corrosive conditions, the KOOL is available in IP 55, with optional painted or stainless steel finish.

By removing the need for fast acting shutter doors and plastic strip curtains, forklift drivers are given total visibility through the entrance.

An Advanced Pro controller is included with a wall mounted LCD display that offers 5 fan speed selections. 7 metres of control cable and an IR hand-held remote are supplied, as standard. An optional Clever PRO intelligent programmable control compatible with Modbus RTU for BMS is also available.



Option available



Colours Available

White RAL9016 (standard)
Any classic RAL colour
Brushed stainless steel



Fan Options

AC fan (standard)
EC fan (option)



Mounting Options

Horizontal
Vertical



Heating Options

Air only



Max Door Height

4.2 m



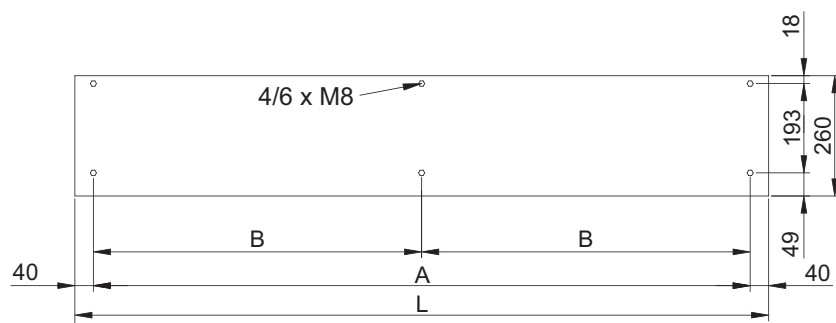
Lengths Available

1.0m 1.5m 2.0m
2.5m 3.0m

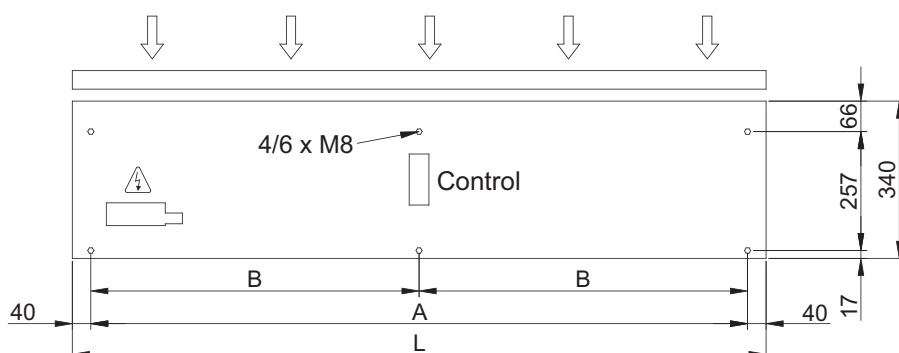


Air Only

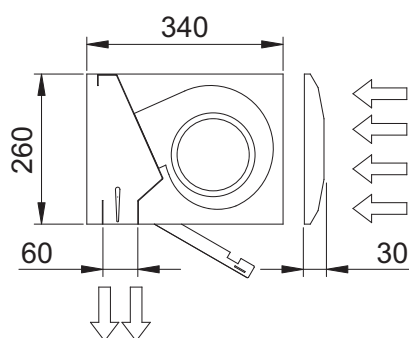
Model	Max mounting height (m)	Airflow (m³/h)	Power/current fans 230V-50Hz (kW/A)	Noise level (@5m) dB(A)	Weight (kg)
KM 1000 A	3.5	1800	0.212 / 0.94	55	29
KM 1500 A	3.5	2700	0.318 / 1.41	56	44
KM 2000 A	3.5	3600	0.424 / 1.88	57	53
KM 2500 A	3.5	4500	0.530 / 2.35	58	58
KM 3000 A	3.5	5400	0.636 / 2.82	59	76
KECM 1000 A	3.5	1840	0.142 / 1.24	56	33
KECM 1500 A	3.5	2760	0.213 / 1.86	57	50
KECM 2000 A	3.5	3680	0.284 / 2.48	58	61
KECM 2500 A	3.5	4600	0.355 / 3.10	59	68
KECM 3000 A	3.5	5520	0.426 / 3.72	60	76
KG 1000 A	3.8	2400	0.642 / 2.85	57	37
KG 1500 A	3.8	3200	0.856 / 3.80	58	55
KG 2000 A	3.8	4800	1.284 / 5.70	59	71
KG 2500 A	3.8	5600	1.498 / 6.65	60	78
KG 3000 A	3.8	6400	1.712 / 7.60	61	86
KECG 1000 A	4.2	2700	0.225 / 1.95	61	37
KECG 1500 A	4.2	3600	0.300 / 2.60	62	56
KECG 2000 A	4.2	5400	0.450 / 3.90	63	71
KECG 2500 A	4.2	6300	0.525 / 4.55	64	78
KECG 3000 A	4.2	7200	0.600 / 5.20	65	86



Rear view wall mounted

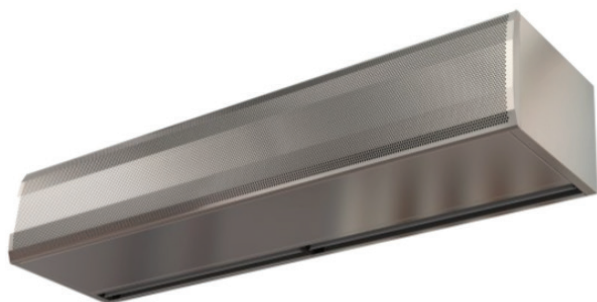


Top view ceiling mounted



L	A	B
1000	920	-
1500	1420	710
2000	1920	960
2500	2420	1210
3000	2920	1460

Finishes and details



Optional: For applications with extreme cold and/or humidity and/or corrosive conditions, KOOL is available in IP 55, with optional painted or stainless steel finish. KOOL is a compact and small dimension air curtain with a timeless design and pleasing to the eye. Thanks to the air discharge design, KOOL air curtain ensures a low turbulence and high velocity air jet, thus efficiently separating spaces with high temperature differences.

It operates with double-inlet centrifugal fans driven by an external rotor motor, featuring a low noise level and special IP55 protection, consisting of: sealed bearings, encapsulated stator, and silicone-sealed cable. It includes IP55 junction boxes and IP68 cable glands for the electronics, transformer, and general connections.