

Compact 400

Design Air curtain



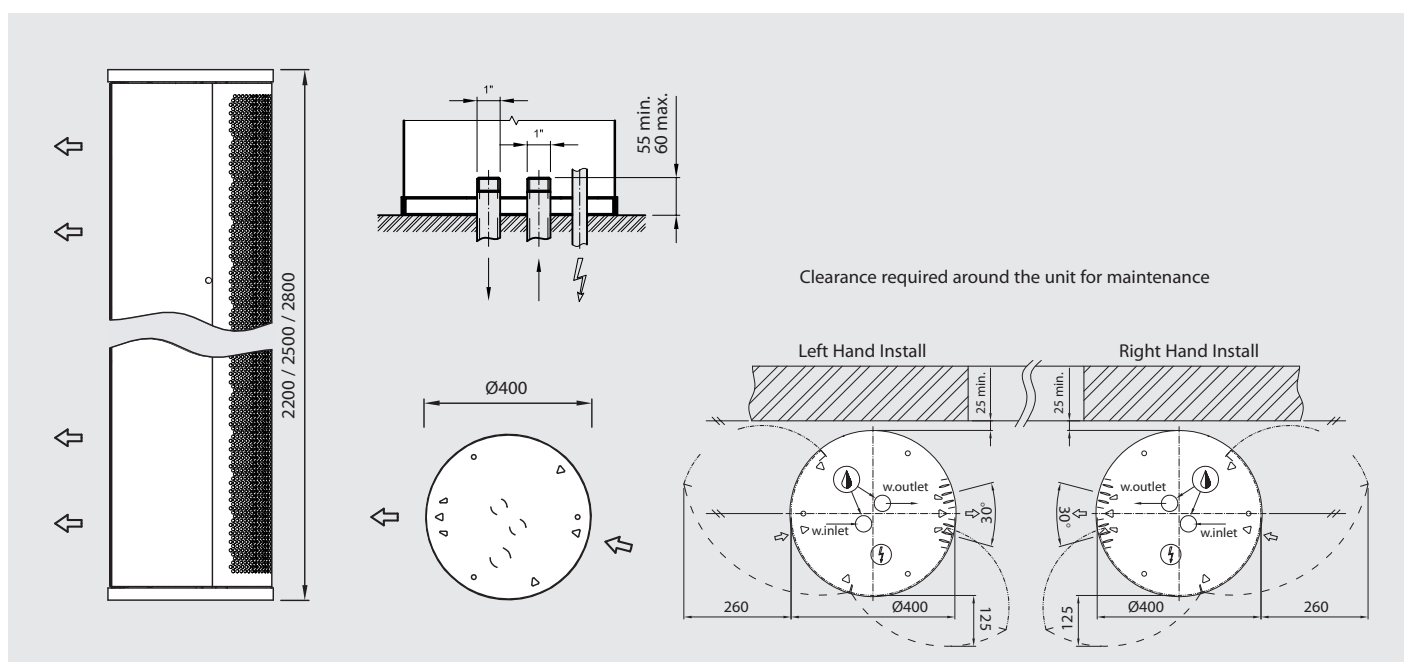
The Compact 400 was designed mainly for installation alongside automated sliding doors or small revolving doors. The Air Curtain design with its compact nature blends in with the door design to offer a good integrated solution to the ingress of outside air penetrating into the space when the doors open.

The shape of the unit imitates the shape of a narrow column with its small diameter of 400mm to ensure a great integration with the door whilst offering good protection. Also against incoming outside odours, insects and dust, again creating a healthier working environment. The fitting of these units ensures clients' needs are fulfilled in all

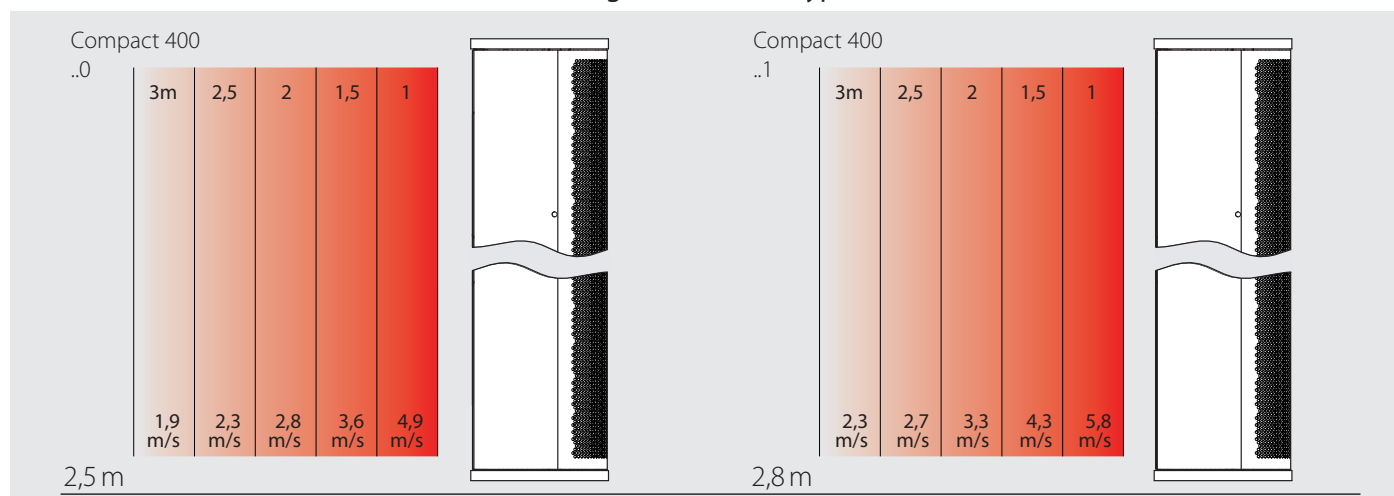
aspects, whilst being energy efficient and providing various comfort conditions.

The Compact 400 unit can only be mounted in the vertical position adjacent to or both sides of a door opening but can facilitate different types of door openings and widths. The air curtain is suitable for Hotel, Airport, Supermarket and Office entrances. Even greater aesthetics can be achieved by adding a brushed stainless steel cover (sold separately).

With a solid base plate this guarantees great stability at all times and allows for hidden electrics and pipework. Upon request we can provide units with top or side connections. Standard colour is RAL 9007.



Technical data and recommended airflow coverage for different types of units.



Technical data	Compact 400 2200 W(E)	Compact 400 2201 W(E)	Compact 400 2500 W(E)	Compact 400 2501 W(E)	Compact 400 2800 W(E)	Compact 400 2801 W(E)
Airflow Water coil [m³/h]	3600	4080	4275	5015	5225	5915
Airflow Electric coil [m³/h]	3880	4560	3900	4680	4865	5775
Water coil heating capacity [kW]	33,8	36,4	40,8	45	49,5	53,4
water 80/60°C / t _r =18°C water pressure drop [kPa]	3,8	4,4	6,0	7,2	9,4	10,8
Water Flow [m³/h]	1,5	1,6	1,8	1,9	2,1	2,3
Water Connection size [DN]	25	25	25	25	25	25
Electric coil ** Max. heating capacity [kW]	15	15	17,5	17,5	25	25
mains voltage [V]	400	400	400	400	400	400
Fan electrical data						
power [W]	1020	1280	1280	1530	1530	1790
current [A]	4,5	5,6	5,6	6,8	6,8	7,8
voltage [V]	230	230	230	230	230	230
Control type	Ditronic (Plus)					
Protection class	IP22	IP22	IP22	IP22	IP22	IP22
Sound level* dB (A)	61	61	63	64	64	65
Weight [kg]	118	118	127	127	143	143

* Acoustic pressure Lp(A) measurement taken at a distance of 3m from the unit source. ** Electric heating elements can be supplied in different ratings if required.

Accessories:	
Electric (see page 50)	Mechanical (see page 52)
<input checked="" type="checkbox"/> Ditronic - LCD display controller	<input checked="" type="checkbox"/> DKM - mechanical door contact
<input checked="" type="checkbox"/> Econ - controller	<input checked="" type="checkbox"/> 2 or 3 way valves - thermostatic or electrothermic valves (see pages 58)
<input checked="" type="checkbox"/> DKMG - magnetic door contact	<input checked="" type="checkbox"/> Suspension - under ceiling and wall mounted
<input checked="" type="checkbox"/> Room sensor	<input checked="" type="checkbox"/> Flexible Connection hoses
<input checked="" type="checkbox"/> TP - room thermostat	<input checked="" type="checkbox"/> Spare filters - EU2