

Control and additional accessories

**DITRONIC TOUCH controller**

Ditronic controller is fitted with an intelligent processor regulator, designed specifically for Comfort and Design air curtains that are fitted with AC or EC fans. Due to the units sleek design and readable blue colour screen, it is suitable for most kinds of interior design applications (from a basic type to the more expensive stylish type). The controller offers local control, control from superior system (BMS) or Modbus compatibility.



The controller is suitable for the wall mounting and IP20 environment. The controller is to be connected via cable with the RJ45 connector (see picture).



Dimensions of the controller (mm):  
**DITRONIC TOUCH**  
125 long x 90 high x 32 deep

**Additional accessories for air curtain Compact 400**

- BMS 0-10V - control the unit by BMS 0-10V
- Door contact 24V - mechanical (DKM) or magnetical (DKMG) door contact
- TP - room thermostat 230V for wall mounting
- Compact DELUX - in-built 2 way electrothermic valve
- Compact NEREZ - air curtain in brushed stainless steel, side plates in RAL 9007
- Flexible connection pipes
- Spare filters EU2



Easy installation thanks to the bottom sidewall of the curtain for easy preparation of the media connection and electric wiring.



Built-in thermoelectric valve controls temperature of exhausted or spatial air.



Maximum energy savings through optimum configuration of the exhaust adjustable fins.

Compact 400 / 07 / 2017 An



Design air curtain

**Compact 400**

Dealership:



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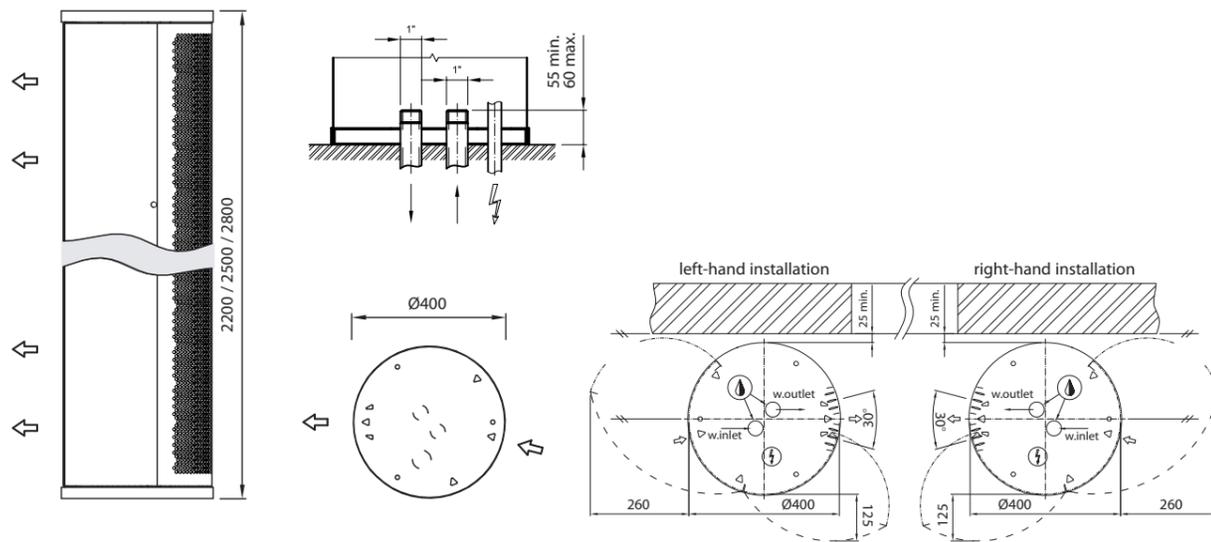


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Basic description

The Compact vertical door air curtain's design foreordains the curtain to high appearance interior requirements. With its small 400mm diameter and pillar-like shape, the curtain can be installed in any interior without causing a visual disturbance. The curtain can be positioned according to request of the customer and door width either one-sidedly or from both sides. The curtain is variably applicable, from a small carousel door up to automatic entry door.

The Compact 400 air curtain is designed for vertical placement only. A massive anchoring plate provides electricity and central heating connection; the hook-ups are under floor and invisible. In case of the curtains being installed in already finished interior, we offer media connection from the top. The Compact 400 curtain is a harmonic solution for seamless integration of technical and utilitarian product with perfect structural and architectonic solution.

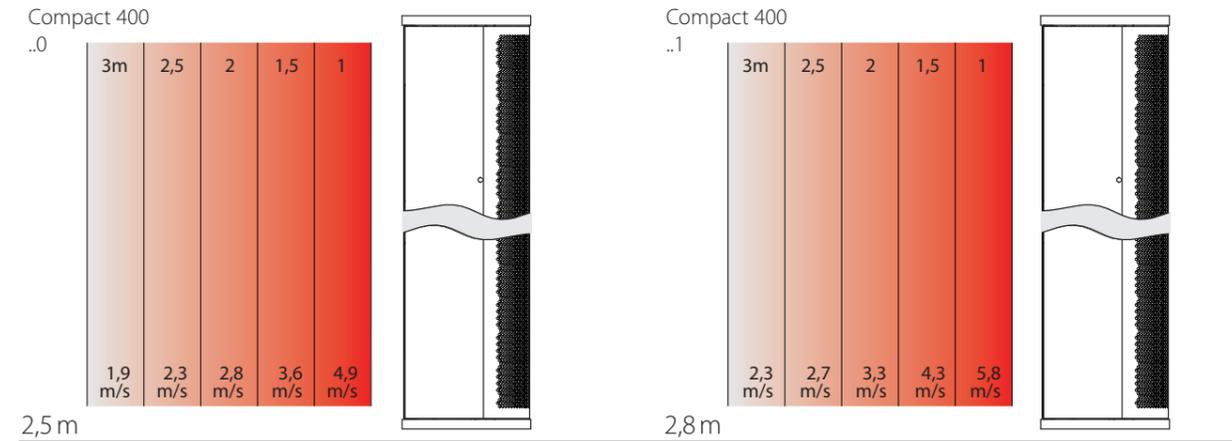


Technical data

Technical data		Compact 2200 W/E	Compact 2201 W/E	Compact 2500 W/E	Compact 2501 W/E	Compact 2800 W/E	Compact 2801 W/E
Airflow <b>S</b>	[m³/h]	3940	5005	4680	5840	5460	6675
Airflow <b>W</b>	[m³/h]	3675	4520	4365	5275	5090	6090
Airflow <b>E</b>	[m³/h]	3675	4520	4365	5275	5090	6090
Water coil	heating capacity [kW]	34,2	38,7	41,3	46,3	48,3	54,3
water 80/60°C / t <sub>p</sub> =18°C	water pressure drop [kPa]	3,9	4,9	6,1	7,5	9,1	11,1
	Water Flow [m³/h]	1,5	1,7	1,8	2	2,1	2,3
Water connection	[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
	Section [quantity]	3	3	3	3	3	3
EC fan electrical data	fan power [W]	825	990	990	1155	1155	1320
	fan current [A]	6	7,2	7,2	8,4	8,4	9,6
	fan voltage [V]	230	230	230	230	230	230
Control type	Ditronic Touch						
Protection class		IP22	IP22	IP22	IP22	IP22	IP22
Sound level*	dB (A)	59	62	60	62	61	63
Weight	[kg]	108	110	123	126	139	141

\* Acoustic pressure Lp(A) measurement taken at a distance of 3m from the unit source.

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



Design properties

- Modern unibody round shaped structure made from metal sheet painted in RAL 9007 (or other RAL) or stainless metal sheet.
- Noise insulated curtain exhaust for maximum limitation of the noise level.
- Massive foundation plate for stable anchoring of the curtain to the floor for dual rotation of the curtain and direction of the curtain exhaust, covered media hook-ups in the floor.
- The Compact 400 curtains are fitted in standard with dynamic and static balanced EC high performance fans and very quiet operation and overload thermal protection.
- The hot water heater exchangers provide built-in desludging and automatic ventilation valves in series connection, a built-in thermoelectric valve for exhaust air temperature control, and EU2 quality filters in standard.
- Three-speed electric heaters in standard with heating elements provided with spirals with stainless steel braiding for effective cooling of the body, protection and operation elements for failure-free operation, including full electric outfit.
- Additional frontal design mask from polished stainless steel in steel; optionally, a different colour or shape is available.

