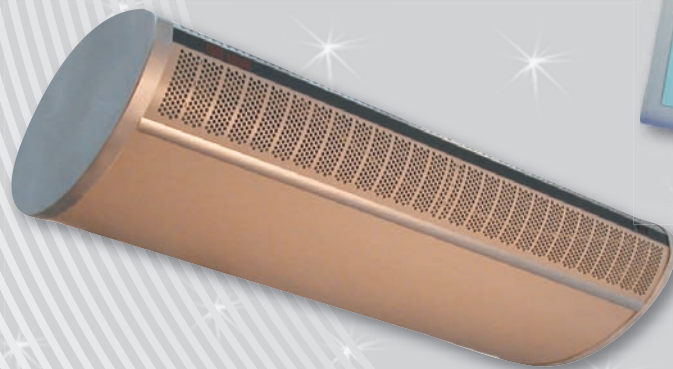


Design air curtain NUCLEO 3000



- Silent running
- Modern design
- Painted or stainless steel design
- Self-contained construction of round shapes
- Bright scale of accessories and additions

revo AIR

Air curtain NUCLEO

CONSTRUCTION DESCRIPTION

Modern self-contained curved construction powder coated to RAL 9007 (other colours available) or finished in stainless steel.

The acoustically isolated outlet chamber of the air curtain ensures significant noise reduction.

High efficiency coils manufactured in Cu/Al, tested to a maximum pressure of 1.6Mpa, for the standard medium descents 2-row coils, for low-temperature mediums (60/40;

60/30°C) can be delivered powerstrengthened heaters.

Dynamically and statically balanced fans with high capacity and very silent running with inbuilt overload protection.

At the heat exchanger are inbuilt sludge valves, exhaust air is temperature regulated via an inbuilt 3-way thermo-electric valve, equipped as standard with EU2 quality filters.

Standard electric heaters with 3-grades of heating bars are equipped with serpentines with stainless steel braiding for effective bar cooling, protective and operating elements secure trouble-free running incl. complete electro equipage.

	Nucleo 3000 10X 100 101	Nucleo 3000 15X 150 151	Nucleo 3000 20X 200 201	Nucleo 3000 25X 250 251
PLACING	horizontal	horizontal	horizontal	horizontal
Max. height of installation „W“ [m]	2,4 2,8 3,0	2,3 2,8 3,0	2,4 2,6 3,0	2,4 2,6 3,0
Max. height of installation „E“ [m]	2,4 2,8 3,0	2,3 2,8 3,0	2,4 2,6 3,0	2,4 2,6 3,0
DIMENSIONS				
Height [mm]	405	405	405	405
Width [mm]	705	705	705	705
Length [mm]	1000	1500	2000	2470
TECHNICAL PARAMETRES				
Air-handling capacity „W“ [m ³ /h]	1800 2400 2900	2750 3500 4290	4080 4500 5740	5100 5500 7000
Air-handling capacity „E“ [m ³ /h]	1800 2400 2900	2750 3500 4500	4080 4500 6000	5100 5500 7000
Hot water air curtains-heater				
80/60°C max. capacity* [kW]	17,9 21,3 23,8	30,1 35,1 39,7	44,4 27,6 55,1	55,9 58,7 68,3
60/40°C max. capacity* [kW]	10,1 12,0 13,3	17,6 20,4 22,9	26,1 47,4 32,0	32,6 34,2 39,5
Electric air curtains-heater				
400V capacity** [kW]	9,0 12,0 12,0	15,0 15,0 18,0	18,0 18,0 24,0	18,0 24,0 27,0
Fan power supply [V]	230	230	230	230
Fan power input „W,E“ [kW]	0,51 0,77 0,72	0,77 1,02 1,08	1,28 1,28 1,44	1,53 1,53 1,80
Fan rated current „W,E“ [A]	2,3 3,4 4,2	3,4 4,5 6,3	5,6 5,6 8,4	5,6 6,8 10,5
Degree of protection	IP 20	IP 20	IP 20	IP 20

*) at suction t = 18°C • **) on customer wish it is possible to modify the capacity of electric heater

◇ Ergonomic shape of suction grill for demanding interiors.



◇ Maximum energy savings can be achieved through optimal setting of the moveable blades. Halogen lighting is fitted as standard next to the outlet nozzle, which is activated when the air curtain is operating.

AIR CURTAIN'S EQUIPAGE NUCLEO 3000

HOT WATER AIR CURTAINS

Air curtain's lighting	serial
Manual or automatic running	serial
Regulation according to room or outlet air temperature	serial
Sludge valve	
deaerating valve	serial
Acoustic outlet isolation	serial
Moveable outlet design blades	serial
Inbuilt electrothermic valve	serial

ELECTRIC AIR CURTAINS

Air curtain's lighting	serial
Manual or automatic running	serial
Regulation according to room or outlet air temperature	serial
3-grades electric heater	
controlled by processor	serial
Acoustic outlet isolation	serial
Moveable outlet design blades	serial
Fan delay after the unit switching-off	serial



◇ Unit running is fully controlled via wall processor control. The control allows connection of wide range of accessories incl. possible control from BMS or wireless control (see catalogue list Ditrionic).

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