

RDFEC10WL Air curtain Ruwen

Article number: FE10192



Description

Discreet and energy-efficient air curtain for revolving doors.

Ruwen is a customized air curtain installed above your revolving door, with the exhaust duct adapted to the diameter of the door. The air curtain is equipped with energy-efficient EC motors which enable stepless control of the airflow. Together with the intelligent FC control system, the air curtain allows you to easily optimize your comfort and save energy.

The control system is ordered separately.

Technical parameters

Nominal data	
Enclosure class	IP20
Ambient working temperature (dry conditions)	-20 to 30 °C
Dimensions and weights	
Length	1,000 mm
Weight	80 kg
Air flow	
Air flow	2300; 1900; 1100 m ³ /h
Sound data	
Sound level	62; 59; 45 dB(A)
Sound power level LWA	78 dB(A)
Motor/control supply	
Control/motor supply	230 V
Phases, motor	1~
Control/motor current, 50 Hz	3.2 A
Input power (P1), motor 50Hz	510 W
Control/motor current, 60 Hz	3.2 A
Input power (P1), motor 60Hz	510 W
Electric heat	
Temperature rise, maximum heat output, highest airflow	13 °C
Temperature rise, maximum heat output, middle airflow	14 °C
Temperature rise, maximum heat output, lowest airflow	18 °C
Water data	
Water heating full output 60/40 °C, air +18 °C	9.6 kW
Pressure drop water 60/40 °C, air +18 °C	3.4 kPa
Water temperature	max 120 °C
Maximum working pressure	16 bar
Dimension water connections	DN25

Parameter	
Power	17.21 kW
Air flow	2300 m³/h
Inlet air temperature	20 °C
Outlet air temperature	42 °C
Water flow	0.210 l/s
Air pressure drop	78 Pa
Inlet air humidity	70.0 % r.H
Outlet air humidity	20.0 % r.H
Water pressure drop	10.1 kPa
Inlet fluid temperature	80 °C
Outlet water temperature	60 °C
Fluid	fluidType_0
Glycol	-

Accessories

FCBA Control for air curtain (74687)

FCPA Control for air curtain (74686)

FCWTA Water temp sensor (74702)

VPFC15LF Valve system DN15LF (238293)

VPFC20 Valve system DN20 (238295)

VPFC32 Valve system DN32 (238297)

FCDA Control for air curtain (74684)

FCSA Control for air curtain (74685)

FH1025 Flexible hose kit DN25 (330955)

VPFC15NF Valve system DN15NF (238294)

VPFC25 Valve system DN25 (238296)

Documents

Catalogue pages Ruwen

Manual Ruwen

Declaration of Conformity RDFEC

UKCA Declaration RDFEC