

RDFEC20WL Air curtain Ruwen

Article number: FE10198



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	2,000	mm
Weight	180	kg
Air flow		
Air flow	4600; 3700; 2200	m³/h
Sound data		
Sound level	65; 61; 47	dB(A)
Sound power level LWA	81	dB(A)
Motor/control supply		
Control/motor supply	230	V
Phases, motor	1~	
Control/motor current, 50 Hz	6	A
Input power (P1), motor 50Hz	1,030	W
Control/motor current, 60 Hz	6	A
Input power (P1), motor 60Hz	1,030	W
Electric heat		
Temperature rise, maximum heat output, highest airflow	15	°C
Temperature rise, maximum heat output, middle airflow	16	°C
Temperature rise, maximum heat output, lowest airflow	19	°C
Water data		
Water heating full output 60/40 °C, air +18 °C	21.3	kW
Pressure drop water 60/40 °C, air +18 °C	9.3	kPa
Water temperature	max 120	°C
Maximum working pressure	16	bar
Dimension water connections	DN25	

Parameter		
Power		37.29 kW
Air flow		4600 m³/h
Inlet air temperature		20 °C
Outlet air temperature		44 °C
Water flow		0.455 l/s
Air pressure drop		60 Pa
Inlet air humidity		70.0 % r.H
Outlet air humidity		18.0 % r.H
Water pressure drop		26.6 kPa
Inlet fluid temperature		80 °C
Outlet water temperature		60 °C
Fluid		fluidType_0
Glycol		-

Accessories

FCBA Control for air curtain (74687)	FCDA Control for air curtain (74684)
FCPA Control for air curtain (74686)	FCSA Control for air curtain (74685)
FCWTA Water temp sensor (74702)	FH1025 Flexible hose kit DN25 (330955)
VPFC15LF Valve system DN15LF (238293)	VPFC15NF Valve system DN15NF (238294)
VPFC20 Valve system DN20 (238295)	VPFC25 Valve system DN25 (238296)
VPFC32 Valve system DN32 (238297)	

Documents

Catalogue pages Ruwen
Manual Ruwen
Declaration of Conformity RDFEC
UKCA Declaration RDFEC