

CITY MULTI

VRF HP DXE (exposed)

VRF HP R DXE (recessed)

INDOOR UNIT - AIR CURTAINS

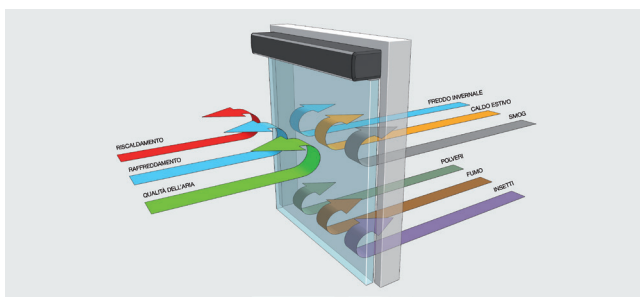
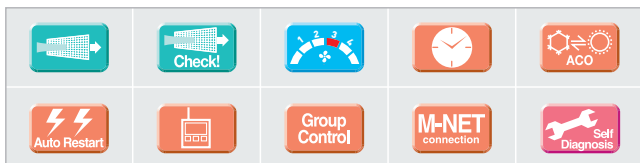


VRF HP DXE



VRF HP R DXE

The air curtain, is the ideal solution for creating a barrier effect between an indoor space and the outdoor environment. Placed in the ideal position over the doorway, the curtain stops polluted outdoor air from entering, maintaining a healthy and comfortable environment in the indoor space.



3 speed fan

The PAR-30MAA, PAR-21MAA or PAR- F27MEA remote controls may be used to select from a choice of 3 different fans speeds (selected from an initial choice of 6 during initial installation).

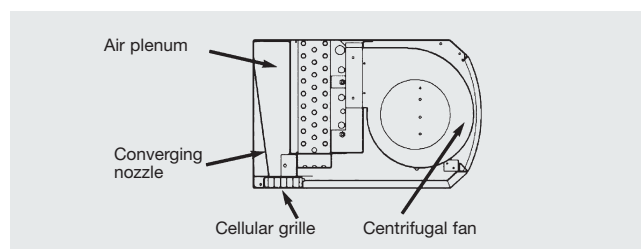
The air curtain is an indoor unit which keeps out dust, exhaust fumes, smoke, unpleasant odours and insects (such as flies and mosquitoes) without impeding access. The unit protects the indoor environment while letting customers come and go freely. The air curtain is invisible, and makes it extremely simple to bring in and handle stock and goods on the premises.

Uniform delivery air

Tested in accordance with ISO 27327 standards, VRF air curtains by Mitsubishi Electric offer class-beating delivery air uniformity levels (92%).

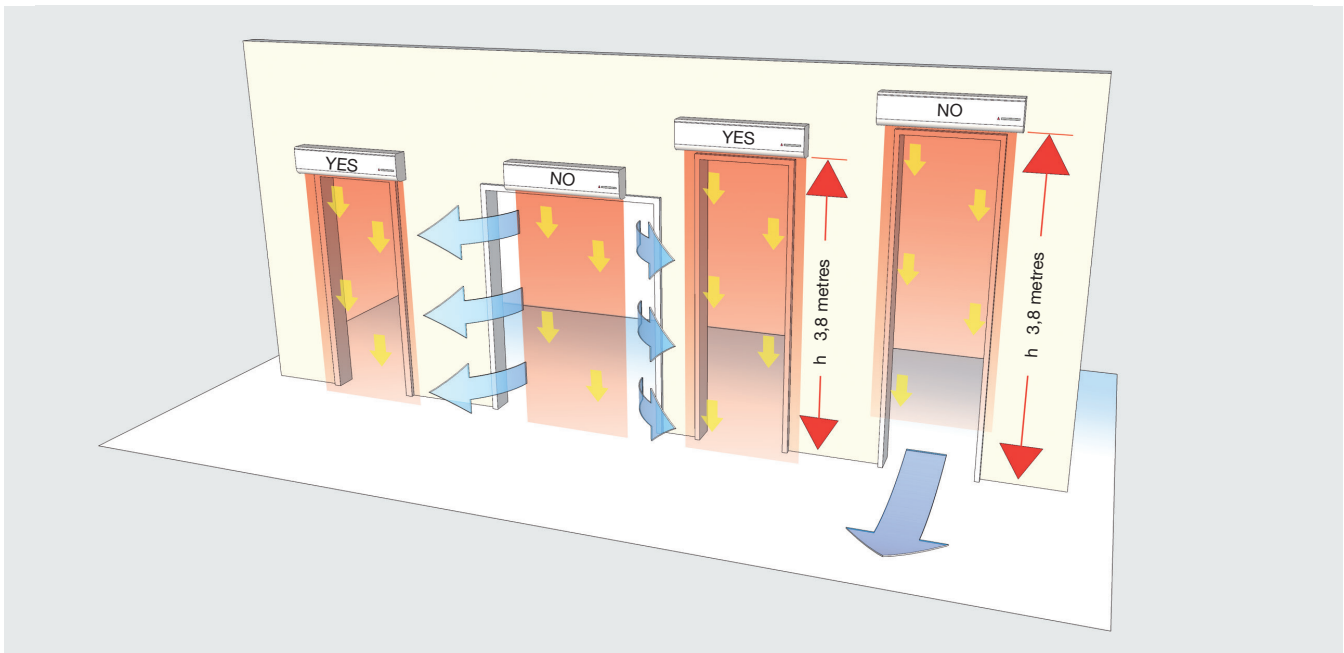
EcoPower Air technology

VRF air curtains feature EcoPower Air technology, which increases air flow speed and uniformity and maximises the energy efficiency of the unit. EcoPower Air technology employs a specifically designed air plenum, a converging delivery nozzle and an active cellular air outlet grille to ensure a more effective barrier action and increase performance.



Correct installation

When choosing an air curtain, it is very important to ensure that the air barrier is wider than the door it protects and is not installed at a height of more than 3.8 m. These requisites must be met for the barrier to function effectively.



TECHNICAL SPECIFICATIONS

EXTERNAL MODEL		VRF HP1000 DXE	VRF HP1500 DXE	VRF HP2000 DXE	
Power*1		A single-phase, 220-240V AC, 50Hz			
Capacity in heating mode *2	kW	8,3	13,2	15,7	
Capacity in cooling mode *2	kW	7,4	11,8	14,0	
Power index		P71	P125	P140	
Current	A	0,8 (7,3)*3	1,2 (12,1)*3	1,4 (14,1)*3	
Door width	mm	1000	1500	2000	
Maximum door height	Sheltered installation*4	mm	3800	3800	
	Exposed installation*4	mm	3300	3300	
Maximum air speed*5	m/s	-9	-9	-9	
Dimensions (HxLxW)		mm	306x1300x468	306x1825x468	306x2350x468
Net weight	kg	46	67	84	
Fan	Air flow	m ³ /min	16,1-19,5-21,8	24,2-30,0-34,5	29,8-35,7-39,3
	Static external pres.	Pa	0	0	0
Uniformity of delivery air	ISO 27327	%	90	92	90
Sound pressure	dB(A)	50-55-58	49-54-58	50-55-58	

BUILT-IN MODEL		VRF HP1000 R DXE	VRF HP1500 R DXE	VRF HP2000 R DXE	
Power*1		A single-phase, 220-240V AC, 50Hz			
Capacity in heating mode *2	kW	8,3	13,2	15,7	
Capacity in cooling mode *2	kW	7,4	11,8	14,0	
Power index		P71	P125	P140	
Current	A	0,8 (7,3)*3	1,2 (12,1)*3	1,4 (14,1)*3	
Door width	mm	1000	1500	2000	
Maximum door height	Sheltered installation*4	mm	3800	3800	
	Exposed installation*4	mm	3300	3300	
Maximum air speed*5	m/s	-9	-9	-9	
Dimensions (HxLxW)		mm	354x1250x485	354x1750x485	354x2340x485
Net weight	kg	46	67	84	
Fan	Air flow	m ³ /min	16,1-19,5-21,8	24,2-30,0-34,5	29,8-35,7-39,3
	Static external pres.	Pa	0	0	0
Uniformity of delivery air	ISO 27327	%	90	92	90
Sound pressure	dB(A)	50-55-58	49-54-58	50-55-58	

*1 If the barrier is equipped with an electrical heating element (which, if enabled, only operates during outdoor unit defrost cycle), the element requires a separate, specific 380-415V AC, 50Hz three-phase power supply.

*2 In the following nominal conditions for heating mode: indoor 20°C DB, outdoor 7°C DB/6°C WB. In the following nominal conditions for cooling mode: indoor 20°C DB, outdoor 35°C DB/27°C WB.

*3 Value in brackets indicates current absorption during activation of electrical heating element, if connected (during outdoor unit heating cycle)

*4 'Sheltered location' indicates an air barrier protecting a door that does not open directly onto the outdoor environment and which is itself protected by an outer door. 'Exposed installation' indicates an air barrier protecting a door that opens directly onto the outdoor environment.

*5 At air delivery outlet at maximum fan speed.