

HEAT RECOVERY UNIT WITH HEAT PUMP

RHS 750~8000



- Optional
- Electric heater
- Outdoor rooftop installation
- Hot water coil
- Air damper and actuator
- G3 G4 F5 filter

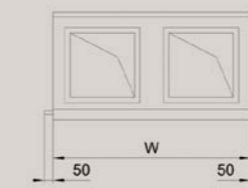
Technical data

Model	RHS	Size	750	1000	1500	2000	3000	4000	8000	
Fan	Air flow	m ³ /h	750	1000	1500	2000	3000	4000	8000	
	E.S.P. of air supply fan	Pa	180	180	180	180	200	200	300	
	E.S.P. of air return fan	Pa	150	150	150	150	180	180	240	
	Power input	KW	0.6	0.6	1.1	1.1	1.4	2.2	4.2	
Heating recovery efficiency		%	51	56	53	56	54	55	53	
Heating	Recovery capacity (heating)	KW	2.49	3.64	5.17	7.28	10.53	14.29	29.11	
	Heating capacity	KW	3.86	4.36	6.97	9.53	13.29	19.22	38.44	
	Total heating capacity	KW	6.35	8.00	12.14	16.81	23.82	33.51	67.55	
	Total power input (heating)	KW	1.42	1.53	2.58	3.13	4.23	6.29	12.38	
Cooling	Recovery capacity (cooling)	KW	1.42	2.07	2.94	4.15	6.00	8.15	16.59	
	Cooling capacity	KW	3.27	3.88	6.01	8.66	12.09	17.60	35.20	
	Total cooling capacity	KW	4.69	5.95	8.95	12.81	18.09	25.75	51.79	
	Total power input (cooling)	KW	1.86	2.1	3.42	4.45	6	7.42	14.64	
Power supply			220V/1P/50Hz				380V/3P/50Hz			
Noise		dB(A)	61	62	62	63	65	66	68	
Weight		kg	200	220	300	320	400	450	600	

Note:

Winter Ambient 1.7°C(DB)/0.6°C(WB) indoor 21°C(DB)/14°C(WB).
 Summer Ambient 35°C(DB)/26 °C(WB) indoor 24°C(DB)/17 °C(WB).
 Noise measured at 1m in open field.

Dimensions



Size	750	1000	1500	2000	3000	4000	8000
L	1600	1600	1800	1800	1800	2200	2200
W	1100	1100	1100	1100	1100	1100	1400
H	500	500	600	600	800	1100	1100
A	320	320	320	360	360	490	490
B	200	250	320	360	490	490	800
DN	15	15	20	20	25	25	32



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Indoor installation

Air flow from 750 to 8000 m³/h

Characteristics

Two stages heat recovery

Air to air plate heat exchanger used for the first step heat recovery

Heat pump used for the second stage heat recovery

100% fresh air

High efficiency

Available configurations

RHS 750 E2 A 1

(1) (2) (3) (4)

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|--|----------------------|
| (1) Circulating Airflow: m ³ /h | (4) Power Supply: |
| (2) Electric Heating Power: KW | 1 220/1/50 |
| (3) Refrigerants: | 2 380/3/50 |
| A R22 | 3 230/1/60 |
| B R407C | 4 460/3/60 |
| C R134a | 5 220/3/60 |
| D R410A | 6 Other power supply |
| E Other refrigerants | |

Applications

Substitute of traditional fresh air ventilator and heat recovery unit

Functions and features

