



ONE-WAY HYDRONIC CASSETTE

فن کوئل کاستی یکطرفه

FP-KM1 ONE-WAY CASSETTE

STANDARD SPECIFICATIONS - 2 PIPE

Model:		SIZE	AF-1W34-V	AF-1W51-V	AF-1W68-V	AF-1W80-V
Air flow	H	m ³ /h	340	510	680	800
	M		270	400	520	650
	L		190	300	400	500
Cooling total capacity*	H	kW	1.9	2.7	3.6	4.0
	M		1.5	2.1	2.8	3.3
	L		1.0	1.6	2.1	2.6
Cooling sensible capacity	H	kW	1.3	1.9	2.5	2.8
	M		1.1	1.6	2.1	2.3
	L		0.8	1.3	1.7	1.8
Heating **	H	kW	3.6	5.6	7.2	8.0
	M		2.8	4.2	5.5	6.5
	L		2.0	3.2	4.2	5.0
Heating capacity***	H	kW	2.1	3.2	4.2	5.1
	M		1.7	2.5	3.2	4.0
	L		1.2	1.9	2.5	3.0
Water flow rate		L/h	330	480	625	690
Pressure drop (cooling)		kPa	10	15	18	20
Water content		L	0.85	0.85	0.92	0.92
Sound pressure (1m)	H	dB(A)	39	39	40	42
	M		36	36	37	39
	L		30	30	31	37
Fan motor power input		W	45	54	62	70
Fan motor current		A	0.20	0.24	0.28	0.31
Power supply		V/Ph/Hz	230 / 1 / 50			
Operation control			Remote control handset and/or Wired wall pad			
Unit dimensions	L	mm	850			
	W	mm	400			
	H	mm	235			
Panels dimensions		mm	1045x465x30			
Net Weight		kg	23			
Connection method			Socket (Threaded Female)			
Water connection	In	mm(in)	19.05(3/4)			
	Out	mm(in)	19.05(3/4)			

Notice: 220V/1Phase/50Hz available.

Cooling

Entering air temperature: Dry bulb 27°C, Wet bulb 19°C

(*) Entering water temperature: 7°C, Δ 5°C

Heating

Entering air temperature: 20°C

(**) Entering water temperature: 70°C. Same water flow rate as for the cooling.

(***) Entering water temperature: 50°C. Same water flow rate as for the cooling.

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TWO-WAY HYDRONIC CASSETTE

فن کوئل کاستی دو طرفه



FP-KM2 TWO-WAY CASSETTE

STANDARD SPECIFICATIONS - 2 PIPE

Model:		SIZE	AF-2W85-V	AF-2W102-V	AF-2W136-V	AF-2W170-V	AF-2W204-V	AF-2W238-V
Air flow	H	m ³ /h	850	1020	1360	1700	2040	2380
	M		640	765	1050	1300	1570	1800
	L		490	600	800	960	1210	1420
Cooling total capacity*	H	kW	4.5	5.4	7.2	9.0	11.0	12.6
	M		3.5	4.1	5.7	6.9	8.6	9.8
	L		2.7	3.2	4.4	5.1	6.8	7.5
Cooling sensible capacity	H	kW	3.2	3.8	5.0	6.3	7.7	8.8
	M		2.6	3.1	4.3	5.2	6.5	7.4
	L		2.2	2.6	3.5	4.1	5.4	6.0
Heating capacity**	H	kW	9.1	10.9	14.6	18.2	21.8	25.5
	M		6.8	8.2	11.2	13.9	16.8	19.3
	L		5.2	6.4	8.6	10.3	12.9	15.2
Heating capacity***	H	kW	5.3	6.3	8.4	10.5	12.6	14.8
	M		4.0	4.7	6.5	8.1	9.7	11.2
	L		3.0	3.7	5.0	6.0	7.5	8.8
Water flow rate		L/h	776	930	1245	1550	1890	2160
Pressure drop (cooling)		kPa	12	14	15	18	20	22
Water content		L	0.85	1.7	1.7	2.25	2.25	2.25
Sound pressure (1m)	H	dB(A)	43	44	45	48	49	51
	M		39	40	42	43	46	48
	L		35	36	37	40	43	46
Fan motor power input		W	70	85	110	130	163	180
Fan motor current		A	0.31	0.38	0.49	0.58	0.72	0.80
Power supply		V/Ph/Hz	230 / 1 / 50					
Operation control			Remote control handset and/or Wired wall pad					
Unit dimensions	L	mm	1125			1698		
	W	mm	590			590		
	H	mm	290			290		
Panel dimensions		mm	1345x680x45			1920x680x45		
Net Weight		kg	56			71.5		
Connection method			Socket (Threaded Female)					
Water connection	In	mm(in)	19.05(3/4)					
	Out	mm(in)	19.05(3/4)					

Notice: 220V/1Phase/60Hz available.

Cooling

Entering air temperature: Dry bulb 27°C, Wet bulb 19°C

(*Entering water temperature: 7°C, Δ 5°C)

Heating

Entering air temperature: 20°C

(**)Entering water temperature: 70°C, Same water flow rate as for the cooling.

(***)Entering water temperature: 50°C, Same water flow rate as for the cooling.

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