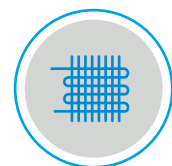


FEATURES



Heat exchanger coil:

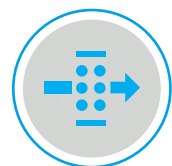
Fin and tube type heat exchanger with 2 row, 1.2mm fin pitch.

Copper tube Ø7mm, 0.4mm thickness, Plain type both inside & outside

Design pressure : 2.1 MPa

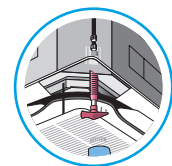
End connectors : 25.4 (1") BSP Female thread adaptor

Air purge line : Provided



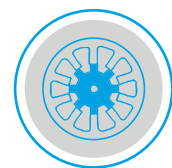
Air Filter:

Resin net with mould resistance
pre-fitted as standard for all models



Deco Panel:

Fresh white 950 x 950 x 50 mm
(L x W x H)

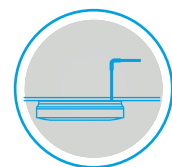


Fan & Motor:

Turbo fan with BLDC motor.

Speed modes: 5 levels

(HH/HM/M/ML/L: starting from highest speed level)



Drain Pump & Float Switch :

Standard in-built Drain Pump & Float
Switch for all models. Drain size VP25
(ID 25 x OD 32)



Controller:

Wireless Remote Controller
along with Decorative Panel.



SPECIFICATIONS

Model		FCW									
		15ARV16	18ARV16	24ARV16	27ARV16	30ARV16	33ARV16	36ARV16	42ARV16	46ARV16	48ARV16
Total Cooling Capacity	Btu/h	15,000	18,000	24,000	27,000	30,000	33,000	36,000	42,000	45,600	48,000
	TR	1.25	1.50	2.00	2.25	2.50	2.75	3.00	3.50	3.80	4.00
Sensible Cooling Capacity	Btu/h	10,950	13,140	18,240	20,520	23,100	25,410	28,080	32,760	35,112	36,960
	TR	0.88	1.05	1.40	1.58	1.75	1.93	2.10	2.45	2.66	2.80
Medium		Water									
Max Working Pressure	KPa	2100									
Water Flow Rate	USGPM	3.3	4.0	5.3	6.0	6.7	7.3	8.0	9.3	10.1	10.7
Pressure Drop	KPa	15	20	35	44	52	47	56	72	81	87
Power Source	V/Ph/Hz	230/1/50									
Input Power	W	17	19	38	48	66	54	84	98	110	127
Running Current	A	0.14	0.16	0.31	0.39	0.51	0.43	0.67	0.76	0.86	0.97
Fan Motor Type		BLDC									
Air Flow Rate [HH]	m³/h	725	870	1278	1366	1600	1635	1971	2078	2155	2277
Air Flow Rate [HM]	m³/h	682	798	1161	1249	1454	1513	1819	1971	1971	2124
Air Flow Rate [M]	m³/h	653	725	1016	1074	1307	1360	1666	1819	1819	1971
Air Flow Rate [ML]	m³/h	624	653	870	1016	1089	1284	1513	1666	1666	1819
Air Flow Rate [L]	m³/h	581	581	725	958	1016	1131	1360	1513	1513	1666
External Static Pressure	Pa	--	--	--	--	--	--	--	--	--	--
Sound Pressure [HH]	dBA	25	29	39	39	43	41	45	47	48	49
Sound Pressure [HM]	dBA	25	27	39	39	41	39	44	45	45	48
Sound Pressure [M]	dBA	25	25	32	35	39	36	42	44	44	45
Sound Pressure [ML]	dBA	25	25	29	32	36	36	39	42	42	44
Sound Pressure [L]	dBA	23	23	25	31	32	36	36	39	39	42
Deco Panel Color		Fresh White									
Air Filter		Resin Net (with mould resistance)									
Copper Tube		Copper Plain OD ø7 x Thk 0.4 mm									
Fin Pitch	mm	1.2									
HE Row/Stage		2/10					2/12				
Inlet Outlet Connection		1" BSP Female Thread Adaptor									
Drain Pipe (OD/ID)	mm	ø32/ø25									
Dimension L x W x H (Main unit)		840 x 840 x 256					840 x 840 x 298				
Dimension L x W x H (Deco Panel)		950 x 950 x 50									
Weight (Main Unit + Deco Panel)		23 + 5.5					26 + 5.5				

Notes:

Additional 10W for drain pump operation

Sound pressure at 1.5m below the face center of air return of the unit

Entering air temperature: DB 27/WB 19°C

Entering/Leaving water temperature: 7/12°C