

DVMS Specification - Indoor Units



DVMS Hydro

DIGITAL VARIABLE MULTI

- 50°C or 80°C Hot Water Supply
- Integrated Control System
- New Communication Protocol

Model			Hydro Unit (HE)	Hydro Unit (HE)	Hydro Unit (HE)	Hydro Unit (HT)	Hydro Unit (HT)	Hydro Unit (HT)	Hydro Unit (HT)
			AM160FNBDEH	AM320FNBDEH	AM500FNBDEH	AM160FNBFEH	AM250FNBFEH	AM160FNBFBG	AM250FNBFBG
Power Supply	Φ, V, Hz		1.2,220-240,50	1.2,220-240,50	1.2,220-240,50	1.2,220-240,50	1.2,220-240,50	3.4,380-415,50	3.4,380-415,50
Mode			HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Capacity (Nominal)	Cooling	kW	14.00	28.00	44.80	-	-	-
		Btu/h	47,800	95,500	152,900	-	-	-	-
	Heating	kW	16.00	31.00	50.40	16.00	25.00	16.00	25.00
		Btu/h	54,600	105,800	172,000	54,600	85,300	54,600	85,300
Power	Power Input (Nominal)	Cooling	W	10.00	10.00	10.00	-	-	-
		Heating	W	10.00	10.00	10.00	3100.00	5000.00	3100.00
	Current Input (Nominal)	Cooling	A	0.05	0.05	0.05	-	-	-
		Heating	A	0.05	0.05	0.05	14.30	23.10	4.85
Fan	Motor	Type	-	-	-	-	-	-	-
		Output	W	-	-	-	-	-	-
	Air Flow Rate	High / Mid / Low (UL)	CMM	-	-	-	-	-	-
			l/s	-	-	-	-	-	-
External Static Pressure	Min. / Std. / Max.	mmAq	-	-	-	-	-	-	
		Pa	-	-	-	-	-	-	
Piping Connections	Liquid Pipe	Φ, mm	9.52	9.52	12.70	9.52	9.52	9.52	9.52
		Φ, inch	3/8"	3/8"	1/2"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	Φ, mm	15.88	22.22	28.58	15.88	15.88	15.88	15.88
		Φ, inch	5/8"	7/8"	1 1/8"	5/8"	5/8"	5/8"	5/8"
Drain Pipe		Φ, mm	-	-	-	-	-	-	
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	2.5~2.5	2.5~2.5	2.5~2.5	4~4	4~4	2.5~2.5
			mm ²	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5	0.75~1.5
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Control Method		EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High / Mid / Low	dB(A)	27.0/-/-	28.0/-/-	31.0/-/-	42.0/-/-	42.0/-/-	42.0/-/-
			dB(A)	-	-	-	-	-	-
Dimensions	Net Weight		kg	29.00	33.00	40.00	104.00	104.00	104.00
			kg	31.00	35.00	42.00	107.00	107.00	107.00
	Shipping Weight		kg	31.00	35.00	42.00	107.00	107.00	107.00
			mm	518 x 627 x 330	518 x 627 x 330	518 x 627 x 330	518 x 1210 x 330	518 x 1210 x 330	518 x 1210 x 330
Shipping Dimensions (WxHxD)		mm	652 x 700 x 426	652 x 700 x 426	652 x 700 x 426	652 x 1289 x 426	652 x 1286 x 426	652 x 1289 x 426	
		mm	-	-	-	-	-	-	
Panel Size	Panel Model		-	-	-	-	-	-	-
			kg	-	-	-	-	-	-
	Shipping Weight		kg	-	-	-	-	-	-
			mm	-	-	-	-	-	-
Shipping Dimensions (WxHxD)		mm	-	-	-	-	-	-	
		mm	-	-	-	-	-	-	
Additional Accessories	Drain Pump	Drain Pump	-	-	-	-	-	-	-
		Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	-
	Air Filter		-	-	-	-	-	-	

* Product Specifications in the Publication can be changed without a prior notice. Because there is always an ongoing improvement on our product.

Optional Accessories

Individual Controllers



MWR-W00N