



ERV PLUS

- Humidifier element (Optional)
- CO₂ Sensor (Optional)
- Slim Design
- Virus Doctor (Optional)
- Direct Expansion (DX) Coil
- New Diamond Type Element
- New Communication Protocol

Model			AM050FNKDEH	AM100FNKDEH	
Power Supply		Φ, #, V, Hz	1,2.220-240.50	1,2.220-240.50	
Mode			HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	5.10	10.50	
		Heating	17.400	35.800	
		Cooling	6.50	13.20	
		Heating	22.200	45.000	
Power	Power Input (Nominal)	Cooling	220.00	510.00	
		Heating	220.00	510.00	
	Current Input (Nominal)	Cooling	1.70	3.70	
		Heating	1.70	3.70	
Fan	Motor	Type	Sirocco Fan / BLDC	Sirocco Fan / BLDC	
		Output	W	100 x 2	
	Air Flow Rate	High / Mid / Low (UL)	CMM	8.33/-	16.67/-
			l/s	138.89/-	277.78/-
External Static Pressure	Min. / Std. / Max.	mmAq	0.00/-/15.00	0.00/-/15.00	
		Pa	0.00/-/147.10	0.00/-/147.10	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	
		Φ, inch	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	
		Φ, inch	1/2"	1/2"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)		
Field Wiring	Power Source Wire	Below 20m / Over 20m	mm ²	1.5 – 2.5	
		Transmission Cable	mm ²	0.75 – 1.50	
Refrigerant	Type		R410A	R410A	
	Control Method		EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	38.5/-	
		High / Mid / Low	dBA	-	
Dimensions	Net Weight		kg	61.00	
			kg	90.00	
	Shipping Weight		kg	75.20	
			kg	107.50	
Net Dimensions (WxHxD)		mm	1553 x 270 x 1000	1763 x 340 x 1135	
	Shipping Dimensions (WxHxD)	mm	1847 x 349 x 1300	2027 x 428 x 1424	
Panel Size	Panel Model		-	-	
	Panel Net Weight		kg	-	
	Shipping Weight		kg	-	
	Net Dimensions (WxHxD)		mm	-	
	Shipping Dimensions (WxHxD)		mm	-	
Additional Accessories	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-WE10N