

Slim Duct



- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain
- New Communication Protocol



Model	AM017FNLDEH/EU		AM022FNLDEH	AM028FNLDEH	AM036FNLDEH	AM045FNLDEH	AM056FNLDEH	
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	1,2,220-240,50	
Mode	-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR	
Performance	Capacity (Nominal)	Cooling	1.70	2.20	2.80	3.60	4.50	
		Heating	5.800	7.500	9.600	12.300	15.400	19.100
	Power Input (Nominal)	Cooling	1.90	2.50	3.20	4.00	5.00	6.30
		Heating	6.500	8.500	10.900	13.600	17.100	21.500
Power	Power Input (Nominal)	Cooling	55.00	55.00	60.00	65.00	90.00	95.00
		Heating	55.00	55.00	60.00	65.00	90.00	95.00
	Current Input (Nominal)	Cooling	0.30	0.30	0.32	0.33	0.52	0.53
		Heating	0.30	0.30	0.32	0.33	0.52	0.53
Fan	Motor	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Output	W	-	69 x 1	-	-	-	
	Air Flow Rate	High / Mid / Low (UL)	CMM	5.50/4.30/3.20	7.00/6.10/5.30	7.50/6.60/5.60	7.50/6.60/5.60	11.00/9.60/8.30
			l/s	91.67/71.67/53.33	116.67/101.67/88.33	125.00/110.00/93.33	125.00/110.00/93.33	183.33/160.00/138.33
External Static Pressure	Min. / Std. / Max.	mmAq	0.00/1.00/3.00	0.00/1.00/3.00	0.00/1.00/3.00	0.00/1.00/3.00	0.00/2.00/4.00	
		Pa	0.00/9.81/29.42	0.00/9.81/29.42	0.00/9.81/29.42	0.00/9.81/29.42	0.00/19.61/59.23	
Piping Connections	Liquid Pipe	Φ, mm	6.35	6.35	6.35	6.35	6.35	
		Φ, inch	1/4"	1/4"	1/4"	1/4"	1/4"	
	Gas Pipe	Φ, mm	12.70	12.70	12.70	12.70	12.70	
		Φ, inch	1/2"	1/2"	1/2"	1/2"	1/2"	
Drain Pipe	Φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	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	1.5 ~ 2.5	1.5 ~ 2.5	1.5 ~ 2.5	
	Transmission Cable		mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	
Sound	Sound Pressure	High / Mid / Low	dBA	23.0/22.0/20.0	26.0/24.0/21.0	28.0/26.0/23.0	32.0/30.0/27.0	
	Sound Power	High / Mid / Low	dBA	-	-	-	-	
Dimensions	Net Weight	-	kg	19.00	19.00	19.50	23.50	
	Shipping Weight	-	kg	23.00	23.00	23.50	28.00	
	Net Dimensions (WxHxD)	-	mm	700 x 199 x 600	700 x 199 x 600	700 x 199 x 600	900 x 199 x 600	
	Shipping Dimensions (WxHxD)	-	mm	950 x 270 x 710	950 x 270 x 710	950 x 270 x 710	1150 x 280 x 710	
Panel Size	Panel Model	-	-	-	-	-	-	
	Panel Net Weight	-	kg	-	-	-	-	
	Shipping Weight	-	kg	-	-	-	-	
	Net Dimensions (WxHxD)	-	mm	-	-	-	-	
Additional Accessories	Drain Pump	-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-	-	
Air Filter	-	-	-	-	-	-	-	

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Optional Accessories



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- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
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Model		AM071FNLDEH	AM090FNLDEH	AM112FNLDEH	AM128FNLDEH	AM140FNLDEH		
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		
Mode	-	HP/HR	HP/HR	HP/HR	HP/HR	HP/HR		
Performance	Capacity (Nominal)	Cooling	7.10	9.00	11.20	12.80	14.00	
		Btu/h	24,200	30,700	38,200	43,700	47,800	
	Heating	KW	8.00	10.00	12.50	13.80	16.00	
		Btu/h	27,300	34,100	42,700	47,100	54,600	
Power	Power Input (Nominal)	Cooling	120.00	170.00	170.00	200.00	220.00	
		Heating	120.00	170.00	170.00	200.00	220.00	
	Current Input (Nominal)	Cooling	0.60	0.96	0.96	1.28	1.43	
		Heating	0.60	0.96	0.96	1.28	1.43	
Fan	Motor	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan		
	Output	W	-	-	-	-		
	Air Flow Rate	High / Mid / Low (UL)	CMM	16.50/15.00/13.50	29.00/27.00/25.00	31.20/29.00/27.00	34.00/32.00/30.00	36.00/34.00/32.00
		l/s	275.00/250.00/225.00	483.33/450.00/416.67	520.00/483.33/450.00	566.67/533.33/500.00	600.00/566.67/533.33	
External Static Pressure	Min. / Std. / Max.	mmAq	0.00/2.00/4.00	0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00	0.00/3.00/6.00	
	Pa	0.00/19.61/39.23	0.00/29.42/58.84	0.00/29.42/58.84	0.00/29.42/58.84	0.00/29.42/58.84		
Piping Connections	Liquid Pipe	φ, mm	9.52	9.52	9.52	9.52		
		φ, inch	3/8"	3/8"	3/8"	3/8"		
	Gas Pipe	φ, mm	15.88	15.88	15.88	15.88		
		φ, inch	5/8"	5/8"	5/8"	5/8"		
Drain Pipe	φ, mm	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	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	1.5 ~ 2.5	1.5 ~ 2.5		
	Transmission Cable	mm ²	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50		
Refrigerant	Type	-	R410A	R410A	R410A	R410A		
	Control Method	-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED		
Sound	Sound Pressure	High / Mid / Low	dBA	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0		
	Sound Power	High / Mid / Low	dBA	-	-	-		
Dimensions	Net Weight	kg	30.00	44.00	46.00	46.00		
	Shipping Weight	kg	35.00	52.00	54.00	54.00		
	Net Dimensions (WxHxD)	mm	1100 x 199 x 600	1300 x 295 x 690	1300 x 295 x 690	1300 x 295 x 690		
	Shipping Dimensions (WxHxD)	mm	1350 x 280 x 710	1575 x 370 x 835	1575 x 370 x 835	1575 x 370 x 835		
Panel Size	Panel Model	-	-	-	-	-		
	Panel Net Weight	kg	-	-	-	-		
	Shipping Weight	kg	-	-	-	-		
	Net Dimensions (WxHxD)	mm	-	-	-	-		
Additional Accessories	Drain Pump	-	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D	MDP-E075SEE3D		
	Max. Lifting Height / Displacement	mm / liter/h	-	-	-	-		
Air Filter	-	-	-	-	-			

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