

MDV

CEILING CASSETTE

Inverter Series

Wall Mounted

Ceiling & Floor

Concealed Duct

Mini VRF

Cassette

High
Efficiency

Up to **20.0** SEER

AHR CERTIFIED™
www.ahrirectory.org

simple.
modern.
practical.



Ceiling Cassette

Residential & Light Commercial

Think about it, you spend more time in your office than your home. Why not make it worth and get the job done right with a MDV Ceiling Cassette System. Enjoy quiet cooling you can now afford. An Inverter system that will condition any office space with a simple, yet productive design and energy efficiency that pays for itself everytime you turn it on!

Models MCDU/MOD30-24HFN1 | MCD/MOD30U-36HFN1 | MCD/MOD30U-48HFN1

Requires professional installation - R410A Refrigerant - 220v Applications - Up to 20.0 SEER
Consult your Air Conditioning professional for more details. See reverse for product information.

OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

Indoor Model			MCDU-24HRFN1-M(C)	MCD-36HRFN1-M(C)	MCD-48HRFN1-M(D)	
Power Supply		V-Ph-Hz	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	
Cooling	Capacity	BTU/h	24000	36000	48000	
	EER	BTU/w	11	9.0	9.5	
	SEER		20	17.5	16.8	
Minimum Circuit Ampacity		A	20	30	35	
Max. Fuse		A	30	50	50	
Indoor Fan Motor	Input	W	58	141	232	
	RLA	A	2	1.5	1.6	
Indoor Air Flow (Hi/Med/Lo)		CFM	878/761/625	1095/958/809	1177/1030/853	
Indoor Noise Level (Sound Pressure) (Hi/Mid/Lo)		dB(A)	52/50/47	55/52/49	55/52/49	
Indoor Unit	Dimension (W x Dx H)(body)	inch	33.07x33.07x8.07	33.07x33.07x9.65	33.07x33.07x11.3	
	Packing (W x Dx H)(body)	inch	35.43x35.43x8.54	35.43x35.43x10.12	35.43x35.43x11.5	
	Dimension (W x Dx H)(panel)	inch	37.4x37.4x2.17	37.4x37.4x2.17	37.4x37.4x2.17	
	Packing (W x Dx H)(panel)	inch	40.75x40.75x3.54	40.75x40.75x3.54	40.75x40.75x3.54	
	Net/Gross weight(body)	lbs.	46.3/54.23	58.2/66.14	63.27/72.53	
	Net/Gross weight(panel)	lbs.	11.02/17.64	11.02/17.64	11.02/17.64	
Design Pressure		PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	
Water Drainage Pipe Diameter		mm	ODΦ32	ODΦ32	ODΦ32	
Refrigerant Piping	Liquid Side/ Gas Side	mm	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	
	Controller		Remote control	Remote control	Remote control	
Room Temperature	Cooling	°F	62~90	62~90	62~90	
	Heating	°F	32~86	32~86	32~86	
Operating Temperature		°F	62~86	62~86	62~86	
Outdoor Model			MOD30U-24HFN1-MT0W	MOD30U-36HFN1-M	MOE30U-48HFN1-M	
Power Supply		V- Ph-Hz	208-230~1-60	208-230~1-60	208-230~1-60	
Max. Fuse		A	25.0	50.0	50	
Minimum Circuit Ampacity		A	18.0	30.0	35	
Compressor	Input	W	1970	2600	3420	
	Rated Current (RLA)	A	12.00	22.00	23.5	
	Thermal Protector Position			EXTERNAL	EXTERNAL	INTERNAL
	Refrigerant Oil	ml	POE(VG74)/670	POE (VG74)/1000	Ester Oil VG74/1400	
Outdoor Fan Motor	Input	W	150	150	126	
	RLA	A	0.6	1.0	0.39	
	Speed	Rev/min	810	950	900	
Outdoor Air Flow (Max.)		CFM	2354	2530	4470	
Outdoor Noise Level		dB(A)	61	66	62.5	
Throttle Type			Capillary +EXV	Capillary +EXV	Capillary +EXV	
Outdoor Unit	Dimension (WxDxH)	inch	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	
	Packing (WxDxH)	inch	42.91x19.69x34.45	42.91x19.69x34.45	43.11x19.49x58.27	
	Net Gross Weight	lbs.	136.69/148.59	148.59/160.94	217.4/246.0	
Quantity	Type/Charged Volume	Oz	R410A/82.9	R410A/108	R410A/148.2	
	Refrigerant Precharge	ft	25	25	25	
Additional Charge per/ft		oz	0.32	0.32	0.32	
Design Pressure		PSIG	550/340	550/340	550/340	
Refrigerant Piping	Liquid Side / Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	
	Max. Pipe Length	ft	164	213	213	
	Max. Difference in Level	ft	82	98	98	
Ambient Temperature	Cooling	°F	-13~122	5~122	5~122	
	Heating	°F	-13~86	5~86	5~86	

Product Specifications subject to change without notice

PRODUCT HIGHLIGHTS:

- * Space saver
- * Low noise
- * Out-of-sight operation
- * Built-in display board
- * Wired remote controller



Shown: MOD30U-36HFN1-M