

MITS AIR™



Side Discharge Cold Climate Heat Pump with Mits Air™ Cased A-Coil



Join the thousands of Canadians choosing energy saving Heat Pump systems.

- ✓ High energy savings
- ✓ Newest green technology with integrated inverter compressor
- ✓ Whisper quiet operation
- ✓ Designed for Canada's cold climate
- ✓ Simply add Cased A-Coil on top of your existing furnace
- ✓ Also available with Mits Air™ Matched Multi Positional Air Handling Unit



Available in

- 2 Ton, 2.5 Ton, 3 Ton, 4 Ton & 5 Ton
- COP up to 2.0 @ -15°C
- R410A Refrigerant



OUTDOOR HEAT PUMPS

Outdoor			MOD30-24HFN1-MW	MOD30U-30HFN1-MR0(X)	MOE31U-36HFN1-M	MOE30U-48HFN1-M-[X1]	MOE30U-55HFN1-M
AHRI Certificates			211911381	211911385	211911386	-----	213148986
Power supply	(Outdoor)	V- Ph-Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
Cooling (Standard conditions)	Rated capacity	Btu/hr	24000	30000	36000	46000	45000
	EER2	Btu/w	10.70	10.50	9.80	8.60	10.0
	SEER2	Btu/w	16.80	15.50	14.80	14.30	15.2
Heating (Standard conditions)	Rated capacity (47°F)	Btu/hr	25000	33000	39000	51000	55000
	HSPF2-4	Btu/w	9.50	9.70	10.00	9.0	9.2
	COP	W/W	3.28	3.39	3.18	2.98	3.08
Heating (H42) 5F(-15°C)	COP	W/W	1.95	1.85	2.0	1.8	1.8
MINIMUM CIRCUIT AMPACITY (Outdoor)		A	20.5	23	30	40	40
MAX. FUSE (Outdoor)		A	35	35	50	50	50
Compressor	Inverter Type		Twin-ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Rated current (RLA)	A	15	16.5	32	33	26
Outdoor Fan Motor	Qty		1	1	2	2	2
	RLA	A	1.35	1.35	1.2	1.2	1.2
Outdoor air flow		CFM	3000	3000	4500	4411.76	4500
Outdoor noise level		dB(A)	62	60.5	64.0	64.0	63.5
Refrigerant type			R410A	R410A	R410A	R410A	R410A
Refrigerant piping	Liquid side/ Gas side	inch	3/8" x 3/4"	3/8" x 3/4"	3/8" x 3/4"	3/8" x 3/4"	3/8" x 7/8"
	Max. refrigerant pipe length	ft	164.04	164.04	213.25	213.25	213.25
	Max. difference in level	ft	82.02	82.02	98.42	98.42	98.42
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (W*D*H)	inch	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27	43.11x19.49x58.27
Net/Gross weight		kg	62/66	72.5/77	103/116	99.9/112.9	108.8/123.2

CASED A-COILS

Indoor			MAC-24HWDN1-MN0	MAC-36HWFN1-M	MAC-36HWFN1-M	MAC-48HWFN1-M	MAC-60HWDN1-MN0
IRV		inch ³	58.3	106.9	106.9	158.0	/
Air flow		SCFM	720	960	960	1015	/
Pressure drop		Pa	51.3	65.1	65.1	70.0	/
		h. wg.	0.21	0.26	0.26	0.28	/
Indoor Unit	Dimension(W)	inch	17.52	20.98	20.98	20.98	24.50
	Dimension(D)	inch	20.98	20.98	20.98	20.98	21.00
	Dimension(H)	inch	17.99	23.98	23.98	23.98	28.00
	Net/Gross Weight	lbs.	42.77/52.03	66.58/77.16	66.58/77.16	66.58/77.16	/
Condensate Drain		MIPT	3/4	3/4	3/4	3/4	3/4

INTERFACE INCLUDED. Cased A-Coil will work with any furnace or fan coil (some conditions apply)

§ All Testing and Values are per Manufacturer's testing and the use of Manufacturer's Coils.

WARRANTY: All warranty effective from date of installation.
Labour Warranty is the responsibility of the Installing Contractor.

Side Discharge Cold Climate Heat Pump by Mits Airconditioning Inc.

- 10 years all Parts
- 10 years on Compressor

To register warranty on equipment, go to www.mitsair.com/warranty-registration

** 4 TON currently not eligible for Rebate
Update list will be published later.
Grants not available until listed with NRCan.

Distributed by:

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AIRCONDITIONING INC.
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Dealer info