



# NORTH AMERICAN HVAC PRODUCTS LTD

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## Submittal Data Model No. MSABE-24HRFN1-MT0W & MOD30-24HFN1-MT0W SINGLE ZONE MINI-SPLIT DUCTLESS SEER 20.50 24,000BTU/H HEAT PUMP

**Job Name:** \_\_\_\_\_ **Location:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Purchaser:** \_\_\_\_\_ **Engineer:** \_\_\_\_\_

**Submitted To:** \_\_\_\_\_ **For:** \_\_\_\_\_ **Review( )** \_\_\_\_\_ **Approval ( )** \_\_\_\_\_



### COMPATIBILITY

SINGLE ZONE INDOOR SYSTEM:

MODEL NO. **MSABE-24HRFN1-MT0W**

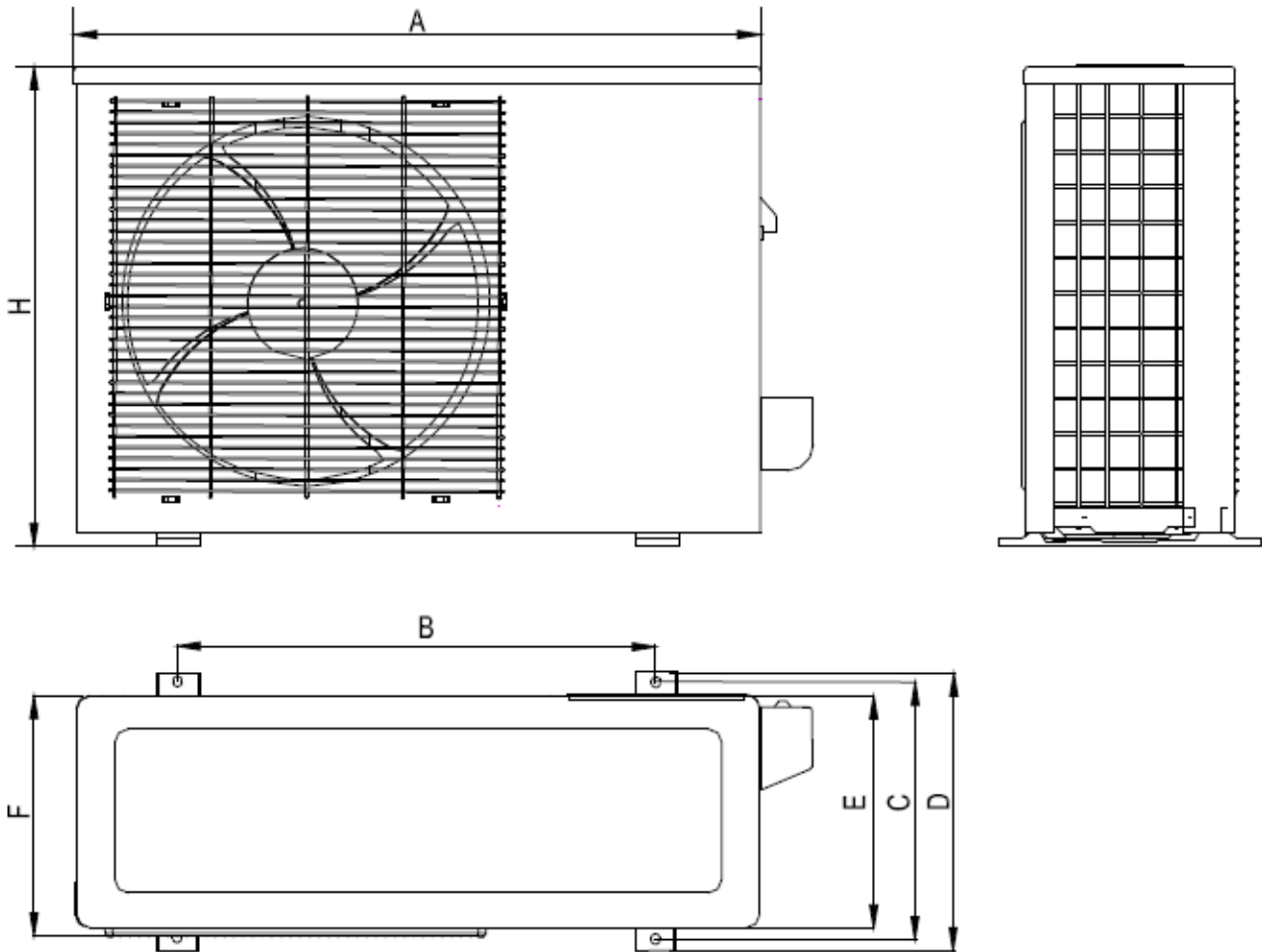
SINGLE ZONE OUTDOOR SYSTEM:

MODEL NO. **MOD30-24HFN1-MT0W**

### SPECIFICATIONS

<b>Indoor</b>		MSABE-24HRFN1-MT0W	
<b>Outdoor</b>		MOD30-24HFN1-MT0W	
Power supply		Ph-V-Hz	208-230V~60Hz , 1Ph
Cooling	Capacity	Btu/h	24000
	Input	W	1920
	Rated current	A	8.4
	EER / SEER	Btu/w	12.5 / 20.50
Heating	Capacity	Btu/h	25000
	Input	W	2315
	Rated current	A	10.1
	COP	W/W	3.2
	HSPF4 / HSPF5	Btu/w	10 / 8.30
MAX.FUSE		A	25
Compressor	Model	ATF235D22UMT	
	Type	ROTARY	
Indoor air flow (Hi/Mi/Lo)		m3/h	1050/800/550
Indoor air flow (Hi/Mi/Lo)		CFM	618/471/324
Indoor noise level (Hi/Mi/Lo)		dB(A)	47.5/42/33
Indoor unit	Dimension(W*D*H)	inch	42.52x8.90x13.19
	Packing (W*D*H)	inch	45.47x16.34x12.40
	Net/Gross weight	lbs.	29.1/37.0
Outdoor air flow		m3/h	4000
Outdoor air flow		CFM	2355
Outdoor noise level		dB(A)	61
Outdoor unit	Dimension(W*D*H)	inch	40.55x16.54x31.89
	Packing (W*D*H)	inch	42.91x19.69x34.06
	Net/Gross weight	lbs.	136.69/147.27
Refrigerant type		g	R410A/2350g
Refrigerant type		Oz.	R410A/82.9
Refrigerant pre-charge		Ft.	25
Additional charge for each ft.		Oz.	0.322
Design pressure		PSIG	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	Ft.	164
	Max. difference in level	Ft.	82
Connection wiring		16AWG*4 Stranded, unshielded	
Operation temperature	Indoor(cooling/ heating)	°F	62~90/32~86
	Outdoor(cooling/heating)	°F	-13~122/-13~86
Application area (cooling standard)		Sq.ft.	330-484

Accessories	Line sets – insulated and flared.	TCP24L25 TCP24L50
Outdoor	Wall bracket	PJ412E
Outdoor	Riser support	SD01B
Safety Certifications		ETL
Warranty		2 YEARS PARTS, 6 YEARS COMPRESSOR



## GENERAL FEATURES

- \* Ultra-Quiet Operation
- \* Random swing, airflow direction control
- \* Self-Diagnostics, LCD display
- \* Auto restart operation
- \* Remote control include
- \* Dehumidifier mode
- \* Refrigerant leakage detect
- \* Local service parts stock in BC, Canada



For continual product development, North American HVAC Products Ltd reserves the right to change specifications without notice.