



NORTH AMERICAN HVAC PRODUCTS LTD

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Submittal Data Model No. MSABB-12HRFN1-MT0W & MOB30-12HFN1-MT0W SINGLE ZONE MINI-SPLIT DUCTLESS SEER 21.50 12,000BTU/H HEAT PUMP

Job Name: _____ **Location:** _____ **Date:** _____

Purchaser: _____ **Engineer:** _____

Submitted To: _____ **For:** _____ **Review()** _____ **Approval ()** _____



Indoor		MSABB-12HRFN1-MT0W	
Outdoor		MOB30-12HFN1-MT0W	
Power supply		Ph-V-Hz	208-230V~60Hz ,1Ph
Cooling	Capacity	Btu/h	12000
	Input	W	923
	Rated current	A	4.1
	EER / SEER	Btu/w	13 / 21.50
Heating	Capacity	Btu/h	12000
	Input	W	1085
	Rated current	A	4.72
	COP	W/W	3.2
	HSPF4 / HSPF5	Btu/w	9.8 / 7.7
MAX.FUSE		A	15
Compressor	Model	ASM98D32UFZ	
	Type / Brand	ROTARY / GMCC	
Indoor air flow (Hi/Mi/Lo)		m3/h	520/360/250
Indoor air flow (Hi/Mi/Lo)		CFM	306/212/147
Indoor noise level (Hi/Mi/Lo)		dB(A)	36.5/30/25
Indoor unit	Dimension(W*D*H)	inch	31.57x7.44x11.69
	Packing (W*D*H)	inch	34.45x11.22x14.76
	Net/Gross weight	lbs.	18.1/22.0
Outdoor air flow		m3/h	1900
Outdoor air flow		CFM	1120
Outdoor noise level		dB(A)	57.5
Outdoor unit	Dimension(W*D*H)	inch	31.50x13.11x21.81
	Packing (W*D*H)	inch	36.22x15.35x24.21
	Net/Gross weight	lbs.	81.6/88.2
Refrigerant type		g	R410A1151g
Refrigerant type		Oz.	R410A/40.6
Refrigerant pre-charge		Ft.	25
Additional charge for each ft		Oz.	0.161
Design pressure		PSIG	550/340 PSIG
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")
	Max. refrigerant pipe length	Ft.	82
	Max. difference in level	Ft.	33
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30
	Outdoor(cooling/heating)	°C	-25~50/-25~30
Application area (cooling standard)		sq.ft.	172-252

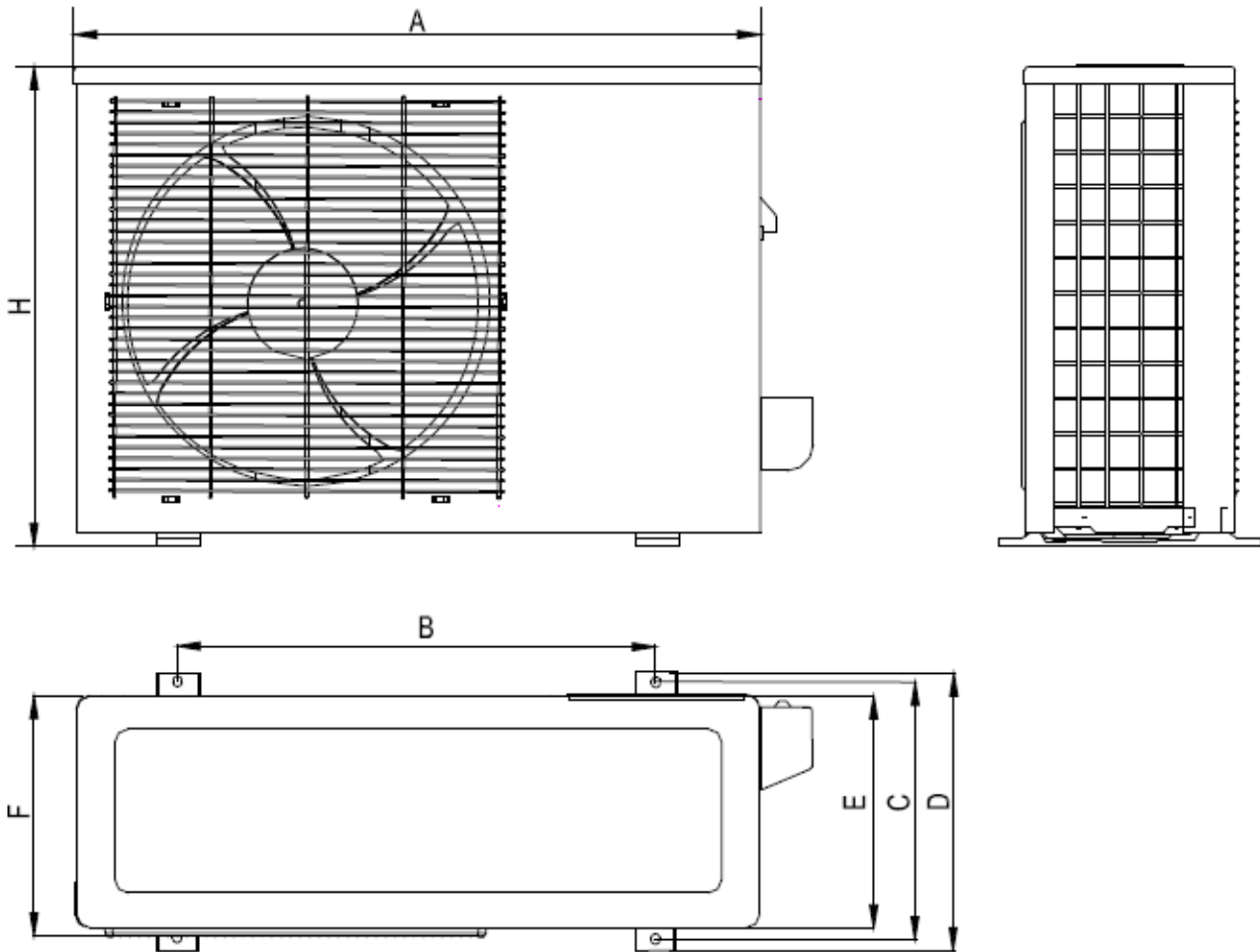
COMPATIBILITY:

SINGLE ZONE INDOOR SYSTEM:
MODEL NO. **MSABB-12HRFN1-MT0W**

SINGLE ZONE OUTDOOR SYSTEM:
MODEL NO. **MOB30-12HFN1-MT0W**

SPECIFICATIONS:

Accessories	Line sets – insulated and flared.	TCP12/18L15 TCP 12/18L25 TCP12/18L50
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.