



## Submittal Data Model No. MSABF-36HRFN1-MP0W/MOD30-36HFN1-MP0W

### SINGLE ZONE MINI-SPLIT DUCTLESS 36,000BTU/H HEAT PUMP

<b>Job Name:</b>	<b>Location:</b>	<b>Date:</b>
<b>Purchaser:</b>	<b>Engineer:</b>	
<b>Submitted To:</b>	<b>For:</b>	<b>Review( ) Approval ( )</b>



### COMPATIBILITY:

SINGLE ZONE INDOOR SYSTEM:  
MODEL NO. MSABF-36HRFN1-MP0W

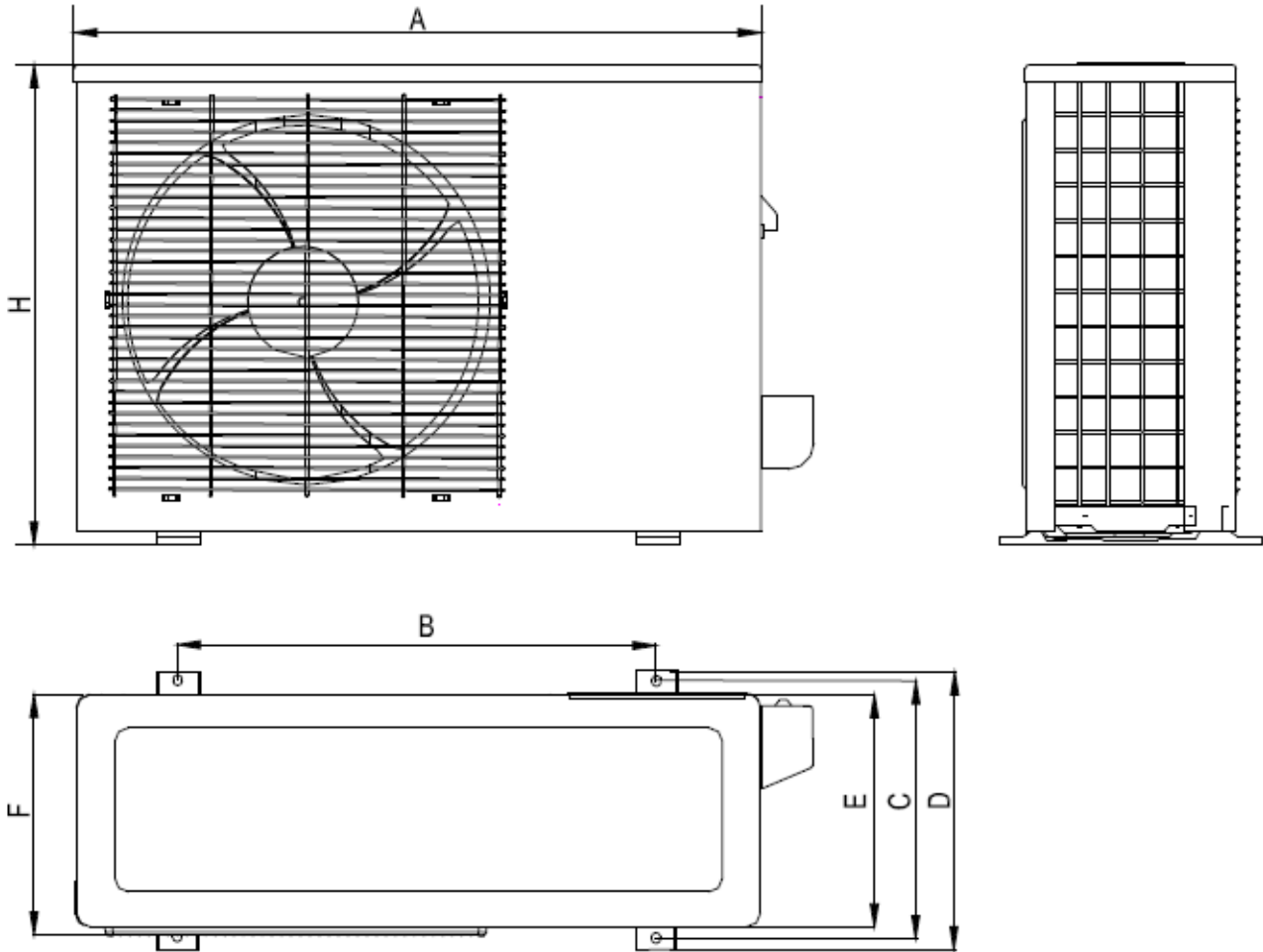
SINGLE ZONE OUTDOOR SYSTEM:  
MODEL NO. MOD30-36HFN1-MP0W

MULTI-ZONE MODELS: NO

### SPECIFICATIONS:

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

<b>Indoor / Outdoor Model</b>		MSABF-36HRFN1-MP0W / MOD30-36HFN1-MP0W	
Power supply		Ph-V-Hz	208-230V~60Hz ,1Ph
Cooling	Capacity	Btu/h	36000
	Input	W	4235
	Rated current	A	18.5
	EER / SEER	Btu/w	8.5 / 16
Heating	Capacity	Btu/h	36000
	Input	W	3835
	Rated current	A	16.7
	COP	W/W	2.8
	HSPF4 / HSPF5	Btu/w	10 / 8.4
MAX.FUSE		A	35
Compressor	Model / Tpye		ATF250D22UMT / ROTARY
Indoor air flow (Hi/Mi/Lo)		m3/h	1450/1100/800
Indoor air flow (Hi/Mi/Lo)		CFM	853/647/471
Indoor noise level (Hi/Mi/Lo)		dB(A)	52/44/36
Indoor unit	Dimension(W*D*H)	inch	49.57x11.10x14.25
	Packing (W*D*H)	inch	52.76x17.72x14.96
	Net/Gross weight	lbs.	43.2/55.6
Outdoor fan motor	Model / Brand		ZKFN-120-8-2 / Welling
Outdoor air flow		m3/h	5000
Outdoor air flow		CFM	2943
Outdoor noise level		dB(A)	63
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.54x31.89
	Packing (W*D*H)	inch	42.91x19.69x34.06
	Net/Gross weight	lbs.	143.3/153.22
Refrigerant type		Oz.	R410A/119.9
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.	213
	Max. difference in level	Ft.	98
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30
	Indoor(cooling/ heating)	°F	62~90/32~86
	Outdoor(cooling/heating)	°C	-15~50/-15~30
	Outdoor(cooling/heating)	°F	5~122/5~86
Application area (cooling standard)		Sq.ft	330-484



**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.