



NORTH AMERICAN HVAC PRODUCTS LTD

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Submittal Data Model No. MSAFA-09HRDN1-BN10W / MOBA30-09HDN1-BQ0W
SINGLE ZONE MINI-SPLIT DUCTLESS SEER 15.20 9,000BTU/H HEAT PUMP

Job Name: _____ **Location:** _____ **Date:** _____
Purchaser: _____ **Engineer:** _____
Submitted To: _____ **For:** _____ **Review()** _____ **Approval ()** _____



Indoor / Outdoor		MSAFA-09HRDN1-BN10W / MOBA30-09HDN1-BQ0W	
Power supply		Ph-V-Hz	115V~ 60Hz ,1Ph
Cooling	Capacity	Btu/h	9000
	Input	W	900
	Rated current	A	8
	EER / SEER	Btu/w	10 / 15.2
Heating	Capacity	Btu/h	9800
	Input	W	965
	Rated current	A	8.6
	COP	W/W	2.98
	HSPF4 / HSPF5	Btu/w	9.0 / 7.5
MAX.FUSE		A	15
Compressor	Model	ASN98D22UFZ	
	Type / Brand	ROTARY / GMCC	
Indoor air flow (Hi/Mi/Lo)		m3/h	450/360/270
Indoor air flow (Hi/Mi/Lo)		CFM	265/212/159
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/35/26
Indoor unit	Dimension(W*D*H)	inch	28.15x7.68x11.22
	Packing (W*D*H)	inch	30.71x10.63x14.17
	Net/Gross weight	lbs.	15.9/20.5
Outdoor air flow		m3/h	1800
Outdoor air flow		CFM	1060
Outdoor noise level		dB(A)	54
Outdoor unit	Dimension(W*D*H)	inch	30.31x11.81x21.85
	Packing (W*D*H)	inch	35.43x13.58x23.03
	Net/Gross weight	lbs.	61.5/66.6
Refrigerant type		g	R410A/800g
Refrigerant type		oz	R410A/28.2
Refrigerant precharge		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/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	ft	82
	Max. difference in level	ft	33
Connection wiring		16AWG*4 Stranded, unshielded	
Operation temperature	Indoor(cooling/ heating)	°C	17~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-15~30
Application area (cooling standard)		sq.ft	129-189

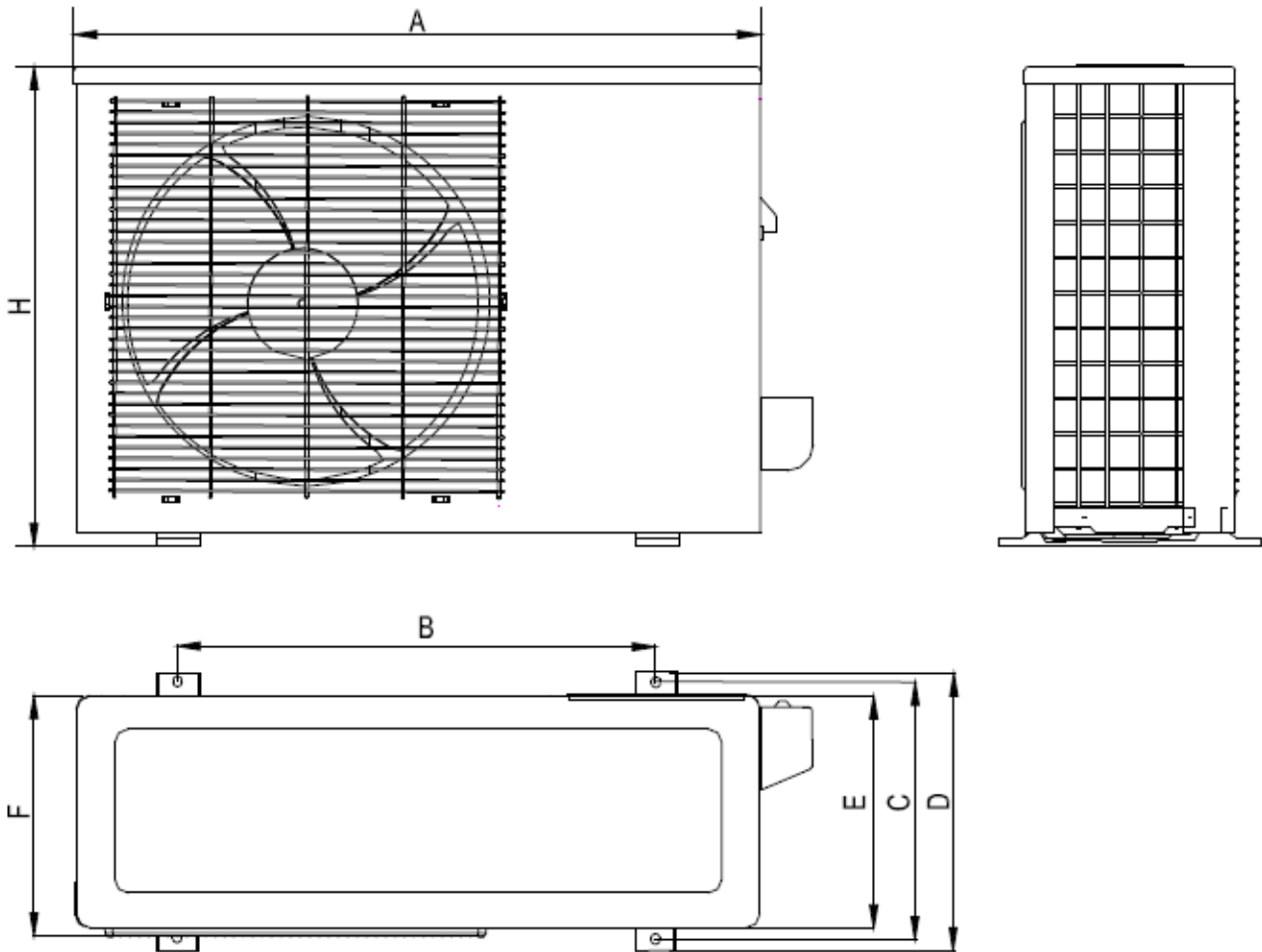
COMPATIBILITY:

SINGLE ZONE INDOOR SYSTEM:
 MODEL NO. **MSAFA-09HRDN1-BN10W**

SINGLE ZONE OUTDOOR SYSTEM:
 MODEL NO. **MOBA30-09HDN1-BQ0W**

SPECIFICATIONS:

Accessories	Line sets – insulated and flared.	TCP09L15 TCP09L25 TCP09L50
Outdoor	Wall bracket	PJ412E
Outdoor	Riser support	SD01B
Safety Certifications		ETL
Warranty		2 YEARS PARTS, 6 YEARS



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.