NORTH AMERICAN HVAC PRODUCTS LTD.

Tel: 604-430-8496
info@nahvac.com
www.nahvac.com

Submittal

Submittal Data

Submittal Data Model No.: **M3OI-28HFN1-M Hyper Heat -30°C**

Description: **27,000 BTU/HR 3 ZONE HEAT PUMP OUTDOOR**

Job Name: Location: Date:

Purchaser: Engineer:

Submitted to: For: Review ☐ Approval: ☐

Outdoor Model			**M3OI-28HFN1-M**
Output unit data			
Power supply	Normal Operational Voltage	(V, Hz, Ph)	208-230,1,60
	Voltage Range	(V)	187-253
Electrical	Minimum circuit ampacity	(A)	25.0
	Max. fuse	(A)	40.0
Outdoor fan motor	Model		ZKFN-120-8-2
	Qty		1
	Input	(W)	150.0
	RLA	(A)	-
	Speed	r/min	1000/900/750
Refrigerant data			
Design pressure		(PSIG)	550/340
Refrigerant type		(Oz)	R410A/134.04
Refrigerant precharge		(ft)	74.0
Additional charge for each ft-Φ6.35 (1/4") liquid pipe		(oz/ft)	0.161
Additional charge for each ft-Φ9.52 (3/8") liquid pipe		(oz/ft)	0.322
Liquid state/Gas state		(inch)	3 x 1/4”/3 x 3/8”
Max. length for all rooms		(ft)	197
Max. length for one indoor unit		(ft)	98.0
Max height difference between indoor and outdoor unit		(ft)	49
Max length between the indoor units		(ft)	33

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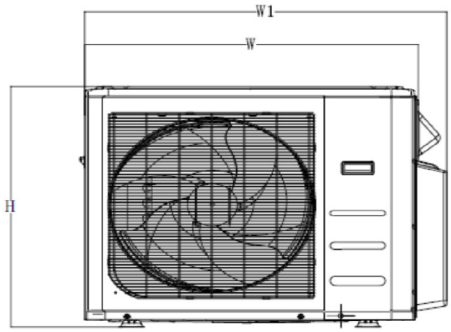
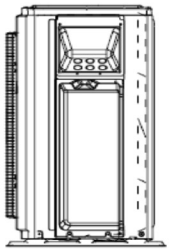
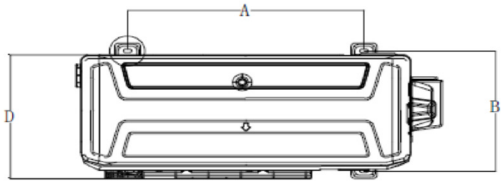
Outdoor unit data			
Compressor	Model		KTF310D43UMT
	Type		ROTARY
	Brand		GMCC
	Capacity	(Btu/h)	32380
	Input	(W)	2600
	Rated current (RLA)	(A)	-
	Refrigerant oil/oil charge	(ml)	VG74/1000
	Throttle		Capillary +EXV
Air flow & Noise level	Outdoor air flow	(CFM)	2147.06
	Outdoor noise level	[dB/(A)]	63
Outdoor unit	Dimension (WxDxH)	(inch)	37.24 x 16.14 x 31.89
	Packing (WxDxH)	(inch)	42.91 x 19.69 x 34.84
	Net/Gross weight	(lbs.)	167.99/179.67
		(kg)	76.2/81.5
Outdoor (cooling/heating)		(Deg F)	-22~122/ -22~86
		(Deg C)	-30~50/ -30~30

Unit	W	D	H	W1	A	B
(mm)	946	410	810	1034	673	403
inch)	37.2	16.5	31.9	40.6	26.5	15.9







209319641 Non-ducted
209319642 Ducted
209319643 Mixed