NORTH AMERICAN HVAC PRODUCTS LTD.

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

Submittal

Submittal Data

Submittal Data Model No.: **M5OG-48HFN1-M-[X]** **Hyper Heat -30°C**

Description: **48,000 BTU/HR 5 ZONE HEAT PUMP OUTDOOR**

Job Name: Location: Date:

Purchaser: Engineer:

Submitted to: For: Review ☐ Approval: ☐

Outdoor Model			**M5OG-48HFN1-M-[X]**
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)	40.0
	Max. fuse	(A)	60.0
Outdoor fan motor	Model		ZKFN-85-8-22-5
	Qty		2
	Input	(W)	126.0
	RLA	(A)	1.0 + 1.0
	Speed	r/min	900/850/800/750
Refrigerant data			
Design pressure		(PSIG)	550/340
Refrigerant type		(Oz)	R410A/162
Refrigerant precharge		(ft)	123.0
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)	5 x 1/4"/3 x 3/8" + 2 x 1/2"
Max. length for all rooms		(ft)	262
Max. length for one indoor unit		(ft)	115
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		EAPQ420D1UMUA
	Type		ROTARY
	Brand		GMCC
	Capacity	(Btu/h)	44015
	Input	(W)	3565
	Rated current (RLA)	(A)	30
	Refrigerant oil/oil charge	(ml)	1400±15ml ESTER OIL VG74
	Throttle		Capillary +EXV
Air flow & Noise level	Outdoor air flow	(CFM)	4500.00
	Outdoor noise level	[dB/(A)]	65
Outdoor unit	Dimension (WxDxH)	(inch)	37.48 x 16.34 x 52.48
	Packing (WxDxH)	(inch)	43.11 x 19.49 x 58.27
	Net/Gross weight	(lbs.)	238.32/269.84
		(kg)	108.1/122.4
Outdoor (cooling/heating)		(Deg F)	-22~122/ -22~86
		(Deg C)	-30~50/ -30~30

Unit	W	D	H	W1	A	B
(mm)	952	415	1333	1060	634	404
inch)	37.5	16.3	52.5	41.7	25.0	15.9

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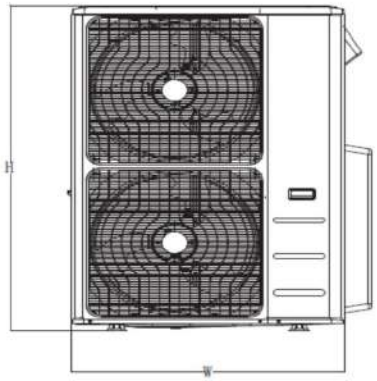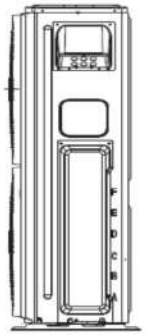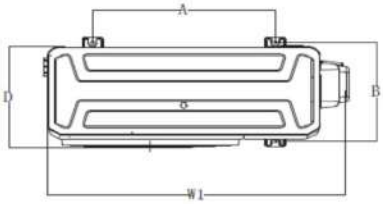
209319647 Non-ducted
209319648 Ducted
209319649 Mixed