



27000Btu/h	Multi-zone
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____

Set Code	22022310001986
Indoor unit code	22022011016181
Outdoor unit code	22022316001306
Set Model	
Indoor unit model	
Outdoor unit model	A-VMH28TV-1
Certified	
AHRI	
UL	



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)		208/230, 1, 60
Voltage Range	(V)		187-253
Electrical			
Minimum circuit ampacity	(A)		25.0
Max.fuse	(A)		40.0
Connection wiring			14AWG*4 Stranded, unshielded
Cooling			
Rated Capacity	(Btu/h)		28000(7995-32826)
Capacity Range	(Btu/h)		28000(7995-32826)
Power Input	(W)		2240
Rated current	(A)		12.4
EER	(Btu/W)		12.5
SEER	(Btu/W)		22.5
Heating at 47F			
Rated Capacity	(Btu/h)		28000(5035-38712)
Capacity Range	(Btu/h)		28000(5035-38712)
Power Input	(W)		2240
Rated current	(A)		10.5
COP	(W/W)		3.66
HSPF4	(Btu/W)		11.3
HSPF5	(Btu/W)		9.0
Heating at 17F			
Max Capacity	(Btu/h)		25371
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)		550/340
Refrigerant Type	(Oz)		R410A/134.04
Refrigerant precharge	(ft)		73.8
	(m)		22.5
Additional charge for each ft (Φ6.35 (1/4") liquid pipe)	(oz/ft)		0.161
	(g/ft)		15
Additional charge for each ft (Φ9.52 (3/8") liquid pipe)	(oz/ft)		0.322
	(g/ft)		30
Liquid side	(inch)		3 x 1/4"
	(mm)		3 x Φ6.35
Gas side	(inch)		3 x 3/8"
	(mm)		3 x Φ9.52
Max. length for all rooms	(ft)		197
	(m)		60
Max. length for one indoor un	(ft)		98.0
	(m)		30.0
Max. height difference between indoor and outdoor unit	(ft)		49
	(m)		15.0
Max. height difference between indoor units	(ft)		33
	(m)		10.0

Outdoor(cooling/heating)	(Deg. °F)		-22~122 / -22~75
	(Deg. °C)		-30~50 / -30~24
Application area	(sq.ft)		355.21~516.68
	(m2)		33~48

OUTDOOR UNIT DATA			
Compressor			
Type			KTF310D43UMT
Model			ROTARY
Brand			GMCC
Capacity	(Btu/h)		32380
Input	(W)		2600
Rated current (RLA)	(A)		-
Refrigerant oil/oil charge	(ml)		VG74/1000
Throttle			Capillary +EXV
Outdoor fan motor			
Model			ZKFN-120-8-2
Qty			1
Input	(W)		150.0
RLA	(A)		--
Speed	(r/min)		1000/900/750
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)		2147.06
Outdoor noise level	[dB(A)]		63
Outdoor unit			
Dimension (W×D×H)	(inch)		37.24x16.14x31.89
	(mm)		946x410x810
Packing (W×D×H)	(inch)		42.91x19.69x34.84
	(mm)		1090x500x885
Net/ Gross weight	(lbs.)		167.99/179.67
	(kg)		76.2/81.5

Outdoor unit dimension

