



Submittal Data Sheet

Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

Indoor model	AST-09UW3SVE**01*5
Outdoor model	AMW5-42U3STA



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz , 1Ph
Cooling		
Capacity	Btu/h	42000
Input	W	4000
Rated current	A	17.5
EER2	Btu/h/w	10.5
SEER2	Btu/h/w	20
Heating		
Capacity	Btu/h	41500
Input	W	3870
Rated current	A	17
COP2	W/W	3.30
HSPF2	Btu/h/w	8.95
COP at 5°F (At Max. Capacity)	Btu/h/w	1.84
Electrical		
MINIMUM CIRCUIT AMPACITY	A	35
MAX. FUSE	A	50
Connection wiring		4 x 1.5mm2
Compressor		
Model		EATF400D42UMTA
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	41916.42
Input	W	3365
Rated current(RLA)	A	24.4
Locked rotor Amp(LRA)	A	25.7
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	VG74 (POE) 670ml
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	14~115/ -4~75.2
Application area	sq.ft	520~879

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		SIC-81FW-F1138-1
Type		DC
Input		138
RLA	A	1.04
Speed	r/min	850 / 540 / 200
Air flow & Noise level		
Outdoor air flow	CFM	5800
Outdoor noise level	dB(A)	59
Dims and Weight		
Dimension(W*H*D)	inch	37-3/8x41-3/8x13-3/8
Packing (W*D*H)	inch	43-3/4x18-1/8x47-1/4
Net/Gross weight	lbs.	198.4/224.5
SYSTEM DATA		
Design pressure	PSIG	550/240
Refrigerant type	oz	R410A/120
Refrigerant precharge	ft	123
Additional charge per ft.	oz	0.161oz/ft over 37.5m
Liquid side/ Gas side	mm(inch)	5 X Φ6.35/Φ9.52(1/4"/3/8")
Max. length for all rooms	ft	262
Max. length for one indoor unit	ft	66
Max. height difference between indoor and outdoor unit	ft	49
Max. height difference between indoor units	ft	33

OUTDOOR UNIT

36K

Unit: in.(mm)

