

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

Indoor model	AST-09UW3SVE**01*2
Outdoor model	AMW2-18U3SFA



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz , 1Ph
Cooling		
Capacity	Btu/h	18000
Input	W	1440
Rated current	A	6.5
EER2	Btu/h/w	12.5
SEER2	Btu/h/w	21
Heating		
Capacity	Btu/h	18000
Input	W	1530
Rated current	A	6.9
COP2	W/W	3.55
HSPF2	Btu/h/w	9.5
COP at 5°F (At Max. Capacity)	Btu/h/w	1.84
Electrical		
MINIMUM CIRCUIT AMPACITY	A	21.0
MAX. FUSE	A	30.0
Connection wiring		4 x 1.5mm2
Compressor		
Model		EATF200D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	20523.18
Input	W	1690
Rated current(RLA)	A	15
Locked rotor Amp(LRA)	A	---
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/ -13~75.2
Application area	sq.ft	260-380

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		SIC-61FW-F161-1
Type		DC
Input		73
RLA	A	0.3
Speed	r/min	850 / 540 / 200
Air flow & Noise level		
Outdoor air flow	CFM	1850
Outdoor noise level	dB(A)	55
Dims and Weight		
Dimension(W*H*D)	inch	33-7/8x26-3/8x12-1/4
Packing (W*D*H)	inch	39x17-3/4x28-3/4
Net/Gross weight	lbs.	116.8/125.6
SYSTEM DATA		
Design pressure	PSIG	550/240
Refrigerant type	oz	R410A/63.49
Refrigerant precharge	ft	49
Additional charge per ft.	oz	0.161oz/ft over 15m
Liquid side/ Gas side	mm(inch)	2 X Ø6.35/Ø9.52(1/4"/3/8")
Max. length for all rooms	ft	164
Max. length for one indoor unit	ft	82
Max. height difference between indoor and outdoor unit	ft	49
Max. height difference between indoor units	ft	33

OUTDOOR UNIT

