

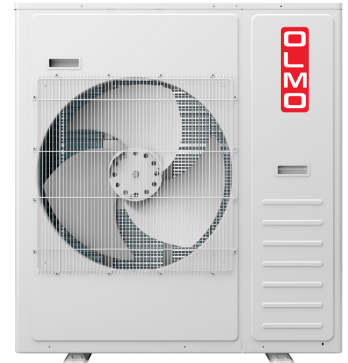


MULTI-ZONE
Multi SIERRA
SERIES

OS-MSR36-230VO

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

Indoor model	
Outdoor model	OS-MSR36-230VO



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V~60Hz , 1Ph
Cooling		
Capacity	Btu/h	32000
Input	W	2550
Rated current	A	11
EER2	Btu/h/w	12.5
SEER2	Btu/h/w	21
Heating		
Capacity	Btu/h	36000
Input	W	3120
Rated current	A	13
COP2	W/W	3.43
HSPF2	Btu/h/w	9.05
COP at 5°F (At Max. Capacity)	Btu/h/w	1.84
Electrical		
MINIMUM CIRCUIT AMPACITY	A	32.2
MAX. FUSE	A	50
Connection wiring	AWG	16 AWG
Compressor		
Model		EATF400D42UMTA
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	41916.42
Input	W	3365
Rated current(RLA)	A	22.1
Locked rotor Amp(LRA)	A	25.7
Refrigerant oil/oil charge	OZ	VG74 (POE) 22.6 OZ
Operation temperature		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	14~115/ -13~75.2

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		OS-MSR36-230VO
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
Outdoor unit		
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.	188.5/220.5

SYSTEM DATA

Design pressure	PSIG	550/240
Refrigerant type	oz	R410A/105.82
Refrigerant precharge	ft	98
Additional charge per ft.	oz	0.161oz/ft
Liquid side/ Gas side	(inch)	(1/4"/3/8")
Max. length for all rooms	ft	246
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 OS-MSR36-230VO

36K

Unit: in.(mm)

