

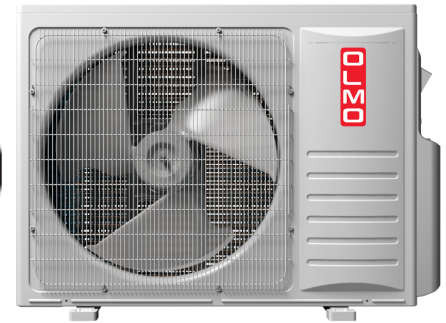


**MULTI-ZONE**  
**Multi SIERRA**  
**SERIES**

**OS-MSR18-230VO**

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

Indoor model	
Outdoor model	OS-MSR18-230VO



**PERFORMANCE DATA**

Power supply	Ph-V-Hz	208-230V~60Hz , 1Ph
<b>Cooling</b>		
Capacity	Btu/h	18000
Input	W	1440
Rated current	A	6.5
EER2	Btu/h/w	12.5
SEER2	Btu/h/w	21
<b>Heating</b>		
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
<b>Electrical</b>		
MINIMUM CIRCUIT AMPACITY	A	21.0
MAX. FUSE	A	30.0
Connection wiring	AWG	16 AWG
<b>Compressor</b>		
Model		EATF200D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	20523.18
Input	W	1690
Rated current(RLA)	A	15
Refrigerant oil/oil charge	OZ	VG74 (POE) 22.6 OZ
<b>Operation temperature</b>		
Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	14~115/ -13~75.2

**OUTDOOR UNIT DATA**

<b>Outdoor fan motor</b>		
Model		OS-MSR18-230VO
Type		DC
Input		73
RLA	A	0.3
Speed	r/min	850 / 540 / 200
<b>Air flow &amp; Noise level</b>		
Outdoor air flow	CFM	1850
Outdoor noise level	dB(A)	55
<b>Outdoor unit</b>		
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
<b>SYSTEM DATA</b>		
Design pressure	PSIG	550/240
Refrigerant type	oz	R410A/63.49
Refrigerant precharge	ft	49
Additional charge per ft.	oz	0.161oz/ft
Liquid side/ Gas side	(inch)	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 OS-MSR18-230VO**

