

FORM+



TECHNICAL INFORMATION

MAX SERIES MULTI-ZONE OUTDOOR UNIT

FORM+ R454B Multi Split Series - Outdoor Unit							
				18K	27K	36K	42K
	Model			Z2SOV-18HDTB-US	Z3SOV-27HDTB-US	Z4SOV-36HDTB-US	Z5SOV-42HDTB-US
	Type			cooling&heating	cooling&heating	cooling&heating	cooling&heating
	Power supply			208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P
With E-Star IDU	Rated cooling capacity 95°F/35°C		Btu/h	18000	27000	35000	42000
	Heating Rated Capacity	47°F/8.33°C	Btu/h	20000	27000	35000	42000
		17°F/-8.33°C	Btu/h	16800	21348	27452	
	Maximum Heating capacity	5°F/-15°C	Btu/h	15800	19000	25300	29600
	SEER2		Btu/W.h	24.5	24.5	23	21
	EER2 95°F/35°C		Btu/W.h	13	12.5	12	11.7
	HSPF2-4		Btu/W.h	10	10	9.5	9.5
	HSPF2-5		Btu/W.h	8.620689655	8.620689655	8.189655172	8.189655172
	COP2 47°F/8.33°C		WW	3.51	3.51	3.51	3.41
COP2 5°F/-15°C		WW	2	2	2	2	
With AHR1 IDU	Rated cooling capacity 95°F/35°C		Btu/h	20000	28000	37000	45000
	Heating Rated Capacity	47°F/8.33°C	Btu/h	20000	28000	37000	45000
	SEER2		Btu/W.h	20	20	19	19
	EER2 95°F/35°C		Btu/W.h	10.5	10.5	10.5	10
	HSPF2-4		Btu/W.h	8.5	8.5	8.5	8.5
	HSPF2-5		Btu/W.h	7.327586207	7.327586207	7.327586207	7.327586207
	COP2 47°F/8.33°C		WW	3.21	3.21	3.21	3.21
	COP2 5°F/-15°C		WW	1.8	1.8	1.8	1.8
	Rated Power Input	Cooling	W	1370	2020	2930	3550
	Heating	W	1410	1980	2680	3260	
Rated Current	Cooling	A	6.140744061	9.054235769	13.13312416	15.91214702	
	Heating	A	6.320035858	8.874943971	12.01255043	14.61228149	
Min. Circuit Ampacity		A	15	20	25	30	
Max. Ckt. Bkr (MOP)		A	15	20	25	30	
Max. Fuse size		A	12	14	17	19	
Outdoor Air Flow (H)		m3/h	2500	2800	3200	3200	
	1CFM=1.7M3/H	CFM	1470.588235	1647.058824	1882.352941	1882.352941	
Noise level		dB(A)	58	62	65	65	
Connecting Pipe	Gas	inches	3/8	3/8	3/8	3/8	
	Liquid	inches	1/4	1/4	1/4	1/4	
Refrigerant quantity		g	1700	2200	2800	3400	
		OZ	60.01	77.66	98.84	120.02	
Net dimensions (WxDxH)		mm	845×380×699	910×359×803	1020×853×468	1020×853×468	
		inches	33.27x14.967x27.52	35.84×14.14×31.64	40.19×33.61×18.44	40.19×33.61×18.44	
Net weight		kg	50	56	75	85	
		lbs	110.23	123.4576	165.345	187.391	
Packing dimensions (WxDxH)		mm	952×425×732	1022×480×835	1135×530×970	1135×530×970	
		inches	37.79x16.92x29.53	40.27×18.91×32.90	44.75×20.88×38.22	44.75×20.88×38.22	
Gross weight		kg	60	76	95	105	
		lbs	132.276	167.5496	209.437	231.483	
Factory PreCharge Line		m	7.5	7.5	7.5	7.5	
Total length of liquid pipe		m	30	45	60	75	
MXimum Line Length		m	20	20	20	20	
MXimum Height Difference Between Indoor and Outdoor		m	10	10	10	10	
Room temperature	Indoor(cooling/ heating)	°C	16°C~30°C	16°C~30°C	16°C~30°C	16°C~30°C	
	Outdoor(cooling/heating)	°C	-15~55°C/-25~30°C	-15~55°C/-25~30°C	-15~55°C/-25~30°C	-15~55°C/-25~30°C	
Ambinet temperature	Indoor(cooling/ heating)	°F	61~86	61~86	61~86	61~86	
	Outdoor(cooling/heating)	°F	5~131/-13~86	5~131/-13~86	5~131/-13~86	5~131/-13~86	

* FEATURES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Thank You for Choosing FORM+

For additional support, please visit our
website.

www.formplusdesign.com