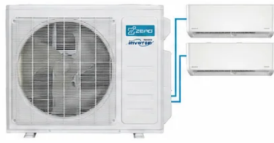


Z-MAX Series | Ductless Multi-Zone System

Model Number				Z2SOV-18HDTA-US-O	Z3SOV-27HDTA-US-O
					
Free-match Technical Specifications				ODU 1 drive 2 18K	ODU 1 drive 3 27K
				18K	28K
Type				cooling&heating	cooling&heating
Control Type				remote	remote
Power Supply				208/230V~/60Hz/1P	208/230V~/60Hz/1P
E-Star	Non-Ducted	Rated cooling Capacity (95°F/35°C)	Btu/h	18000	28000
		Cooling Capacity Range	Btu/h	2000~21000	3000~30500
		EER2 (95°F/35°C)	Btu/W.h	11.7	11.2
		SEER2	Btu/W.h	25	22
		Rated Heating Capacity(47°F/8.3°C)	Btu/h	18000	28000
		Rated Heating Capacity(17°F/-8.3°C)	Btu/h	14000	23000
		Range Heating Capacity	Btu/h	2000~20000	3000~29500
		HSPF2 Rating (Region IV)	Btu/W.h	10	10
		HSPF2 Rating (Region V)	Btu/W.h	8.5	8.5
		COP2 (47°F/8.3°C)	W/W	4	4
		Max. Heating Capacity (5°F/-15°C)	Btu/h	14000	21000
		5F Heating Ratio		78%	75%
		COP2 (5°F/-15°C)	W/W	2.2	2.2
		Max. Heating Capacity (-4°F/-20°C)	Btu/h	9400	15000
		Max. Heating Capacity (-13°F/-25°C)	Btu/h	8000	12500
		ENERGY STAR® Certified		YES	YES
		NEEP		YES	YES
		Quebec		YES	YES
		Nova Scotia		YES	YES
		NRCan E-STAR		YES	YES
AHRI	Non-Ducted	Rated cooling Capacity (95°F/35°C)	Btu/h	20000	28000
		Cooling Capacity Range	Btu/h	2000~22000	3000~30500
		EER2 (95°F/35°C)	Btu/W.h	11.2	11
		SEER2	Btu/W.h	23	20
		Rated Heating Capacity(47°F/8.3°C)	Btu/h	20000	28000
		Rated Heating Capacity(17°F/-8.3°C)	Btu/h	14000	23000
		Range Heating Capacity	Btu/h	2000~20500	3000~29500
		HSPF2 Rating (Region IV)	Btu/W.h	9.5	9.5
		HSPF2 Rating (Region V)	Btu/W.h	8.0	8.0
		COP2 (47°F/8.3°C)	W/W	3.5	4.5
		Max. Heating Capacity (5°F/-15°C)	Btu/h	14000	21000
		5F Heating Ratio		70%	75%
		COP2 5°F/-15°C	W/W	2	2
		Max. Heating Capacity (-4°F/-20°C)	Btu/h	9400	15000
		Max. Heating Capacity (-13°F/-25°C)	Btu/h	8000	12500
		ENERGY STAR® Certified		NO	NO
		NEEP		YES	YES
		Quebec		YES	YES
		Nova Scotia		YES	YES
		NRCan E-STAR		NO	NO

Z-MAX Series | Ductless Multi-Zone System

Model Number			Z2SOV-18HDTA-US-O	Z3SOV-27HDTA-US-O
Rated Input Consumption (Non-Ducted)	Cooling	W	1540	2500
	Heating	W	1320	2100
Rated Current (Non-Ducted)	Cooling	A	6.7	10.9
	Heating	A	5.7	9.1
Min. Circuit Ampacity		A	14	16
Max. Fuse size		A	20	25
Max allowed puressure		Mpa	5	5
Outdoor noise level		dB(A)	56	61
Connection Wiring		AWG	16AWG*4 Stranded, unshielded, TC-ER Type	16AWG*4 Stranded, unshielded, TC-ER Type
*** Outdoor Unit ***				
Refrigerant		Type	R32	R32
		g	1200	1700
	1oz=28.35g	ozs	42.3	60.0
Compressor	Type		Single-Rotary	Dual-Rotary
Fan Motor	Motor Type		DC	DC
Outdoor Air Flow (H)		m3/h	2200	2800
	1CFM=1.7M3/H	CFM	1294	1647
Valve Size	Gas	inch	3/8	3/8
	Liquid	inch	1/4	1/4
Throttling mode Capalliary/EEV.			EEV	EEV
Net Dimensions (W x D x H)		inch	33.54×13.74×23.70	35.94×14.76×26.34
Net Weight		lbs	72.8	97.0