



Elite Series MULTI ZONE HEAT PUMP MINI SPLITS ODU

Multi Zone Outdoor			ODU 1 drive 2	ODU 1 drive 3	ODU 1 drive 4	ODU 1 drive 5	
Type			cooling&heating	cooling&heating	cooling&heating	cooling&heating	
Control type			remote	remote	remote	remote	
Power supply			208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	208/230V~60Hz/1P	
E-Star 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		Btu/h	15800	19000	25300	29600
	SEER2		Btu/W.h	24.5	24.5	23.0	21.0
	EER2 95°F/35°C		Btu/W.h	13.0	12.5	12.0	11.7
	HSPF2-4		Btu/W.h	10.0	10.0	9.5	9.5
	HSPF2-5		Btu/W.h	8.6	8.6	8.2	8.2
	COP2 47°F/8.33°C		W/W	3.5	3.5	3.51	3.41
COP2 5°F/-15°C		W/W	2.00	2.00	2.00	2.00	
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
			Btu/W.h	20.0	20.0	19.0	19.0
	EER2 95°F/35°C		Btu/W.h	10.5	10.5	10.5	10.0
	HSPF2-4		Btu/W.h	8.5	8.5	8.5	8.5
	HSPF2-5		Btu/W.h	7.3	7.3	7.3	7.3
	COP2 47°F/8.33°C		W/W	3.2	3.2	3.2	3.11
	COP2 5°F/-15°C		W/W	1.80	1.80	1.80	1.80
	SPECS	Rated Power Input	Cooling	W	1370	2020	2930
Heating			W	1410	1980	2680	3260
Rated Current		Cooling	A	6.1	9.1	13.1	15.9
		Heating	A	6.3	8.9	12.0	14.6
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)		CFM	1471	1647	1882	1882	
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	845x380x699	910x359x803	1020x853x468	1020x853x468	
		inches	33.27x14.967x27.52	35.84x14.14x31.64	40.19x33.61x18.44	40.19x33.61x18.44	
Net weight		kg	50	56	75	85	
		lbs	110.2	123.5	165.3	187.4	
Packing dimensions (WxDxH)		mm	952x425x732	1022x480x835	1135x530x970	1135x530x970	
		inches	37.79x16.92x29.53	40.27x18.91x32.90	44.75x20.88x38.22	44.75x20.88x38.22	
Gross weight		kg	60	76	95	105	
		lbs	132.3	167.5	209.4	231.5	
Factory PreHarge Line		m	7.5	7.5	7.5	7.5	
Total length of liquid pipe		m	30	45	60	75	
Maximum Line Length		m	20	20	20	20	
Maximum Height Difference		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	
Pre-Charge Length Total		ft (m)	49 (15)	74 (22.5)	98 (30)	123 (37.5)	
Lineset Length (Max) - Total		ft (m)	131 (40)	197 (60)	262 (80)	328 (100)	
Lineset Length (Max) - Each		ft (m)	82 (25)	98 (30)	98 (30)	98 (30)	
Max. Line Set Height Difference Btwn. ODU & Furthest ID		ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	
Max. Line Set Height Difference Btwn. IDU		ft (m)	33 (10)	33 (10)	33 (10)	33 (10)	
Additional Charge		Φ6.35 (1/4") liquid pipe	oz/ft	0.11	0.11	0.11	
Room temperature	Indoor(cooling/ heating)	°C	17~32/0~27	17~32/0~27	17~32/0~27	17~32/0~27	
	Outdoor(cooling/heating)	°C	-15~55/-25~24	-15~55/-25~24	-15~55/-25~24	-15~55/-25~24	
Ambinet temperature	Indoor(cooling/ heating)	F	63~90/32~81	63~90/32~81	63~90/32~81	63~90/32~81	
	Outdoor(cooling/heating)	F	5~131/-13~75	5~131/-13~75	5~131/-13~75	5~131/-13~75	
Loading Capacity (ODU)		40HC	Sets	274	189	88	88