

# 1 Specifications

1-1 TECHNICAL SPECIFICATIONS				U-5MX4XPQ	U-8MX4XPQ1	U-10MX4XPQ	U-12MX4XPQ	U-14MX4XPQ-1	U-16MX4XPQ-1	U-18MX4XPQ-1
Outdoor Unit				U-5MX4XPQ	U-8MX4XPQ1	U-10MX4XPQ	U-12MX4XPQ	U-14MX4XPQ-1	U-16MX4XPQ-1	U-18MX4XPQ-1
Capacity	Cooling	kW		14.0	22.4	28.0	33.5	40.0	45.0	49.0
	Heating	kW		16.0	25.0	31.5	37.5	45.0	50.0	56.5
COP	Cooling			3.98	4.29	3.77	3.48	3.23	3.17	3.02
	Heating			4.00	4.50	4.09	3.97	3.98	3.88	3.69
Capacity range			HP	5	8	10	12	14	16	18
Power input (nominal)(50Hz)	Cooling	kW		3.52	5.22	7.42	9.62	12.4	14.2	16.2
	Heating	kW		4.00	5.56	7.70	9.44	11.30	12.90	15.30
PED category				Category II						
Max No of indoor units to be connected				8	13	16	19	23	26	29
Indoor index connection	Minimum			62.5	100	125	150	175	200	225
	Maximum			162.5	260	325	390	455	520	585
Casing	Colour			White						
	Material			Painted galvanised steel						
Dimensions	Packing	Height	mm	1,855						
		Width	mm	796	1,055	1,055	1,055	1,365	1,365	1,365
		Depth	mm	860						
	Unit	Height	mm	1,680						
		Width	mm	635	930	930	930	1,240	1,240	1,240
		Depth	mm	765	765	765	765	765	765	765
Weight	Unit		kg	159	187	240	240	316	316	324
	Packed Unit		kg	182	217	273	273	356	356	364
Packing	Material			Carton						
	Weight		kg	3.80	4.02	4.02	4.02	6.35	6.35	6.35
	Material			Wood						
	Weight		kg	19.15	20.85	20.85	20.85	23.55	23.55	23.55
	Material			Plastic						
	Weight		kg	0.215	0.265	0.265	0.265	0.330	0.330	0.330
Heat Exchanger	Dimensions	Length	mm	1,483	1,778	1,778	1,778	2,088	2,088	2,088
		Nr of Rows		54						
		Fin Pitch	mm	2.00						
		Nr of Passes		8	18	18	18	21	21	21
		Face Area	m²	1.762	2.112	2.112	2.112	2.481	2.481	2.481
		Nr of Stages		2						
	Tube type			Hi-XSS (8)						
	Fin	Fin type		Non-symmetric waffle louvre						
		Treatment		Hydrophylic and anti corrosion resistant						
Fan	Type			Propeller						
	Quantity			1	1	1	1	2	2	2
Air Flow Rate (nominal at 230V)	Cooling	m³/min		95	171	185	196	233	233	239
	Heating	m³/min		95	171	185	196	233	233	239
Fan	External static pressure		Pa	78 Pa in high static pressure						
	Discharge direction			Vertical						
	Motor	Quantity		1	1	1	1	2	2	2
		Model			Brushless DC					
		Output motor	W	350	750	750	750	2 x 350	2 x 350	2 x 750