

Specifications

Indoor units

Model AS25QCEHRA (2.5kW)
Model AS35QCEHRA (3.5kW)
Model AS50QDEHRA (5.0kW)
Model AS60QEEHRA (6.0kW)
Model AS71QEEHRA (7.1kW)



Model AS90QFDHRA (9.0kW)



Outdoor units

Model 1U25MAEFRA (2.5kW)
Model 1U35MACFRA (3.5kW)



Model 1U50WAEFRA (5.0kW)
Model 1U60WAEFRA (6.0kW)
Model 1U71WAEFRA (7.1kW)



Model 1U90QADFRA (9.0kW)



Controller

Model YR-HJ



- Back-lit, easy to read screen
- Simple button design
- Precise temperature control

	Set	AS25QCEHRA-SET	AS35QCEHRA-SET	AS50QDEHRA-SET	AS60QEEHRA-SET	AS71QEEHRA-SET	AS90QFDHRA-SET
Model	Indoor	AS25QCEHRA	AS35QCEHRA	AS50QDEHRA	AS60QEEHRA	AS71QEEHRA	AS90QFDHRA
	Outdoor	1U25MAEFRA	1U35MAEFRA	1U50WAEFRA	1U60KAEFRA	1U71WAEFRA	1U90QADFRA
Capacity (kW) Rated (min-max)	Cooling	2.5 (0.9~3.2)	3.5 (1.2~4.0)	5.0 (1.4~5.6)	6.0 (1.6~6.7)	7.1 (1.8~7.6)	9.0 (2.6~9.8)
	Heating (H1)	3.2 (0.9~3.6)	3.7 (1.3~4.2)	6.0 (1.5~6.5)	7.0 (1.8~7.5)	8.0 (2.2~8.6)	9.5 (3.0~11.0)
	Heating (H2)	2.9	3.1	4.6	6.2	6.65	7.3
Power input (kW) Rated (min-max)	Cooling	0.52 (0.18~1.05)	0.83 (0.25~1.30)	1.24 (0.36~1.90)	1.49 (0.41~1.95)	2.02 (0.48~2.70)	2.65 (0.67~3.30)
	Heating	0.70 (0.20~1.50)	0.86 (0.26~1.70)	1.48 (0.38~2.50)	1.73 (0.44~2.50)	2.28 (0.50~3.30)	2.66 (0.69~3.70)
EER/AEER		4.81/4.73	4.22/4.17	4.03/4.00	4.03/4.01	3.51/3.49	3.40/3.37
COP/ACOP		4.57/4.52	4.30/4.26	4.05/4.02	4.05/4.13	3.51/3.49	3.57/3.54
Star rating (Hot/Average/Cold)	Cooling	10.0/7.0/7.5	8.5/6.0/7.0	6.0/5.0/5.5	4.5/4.0/4.5	5.5/4.5/5.0	4.5/3.5/4.0
	Heating	3.0/3.0/2.5	3.5/3.0/2.0	3.5/2.5/2.0	3.0/2.5/2.0	3.0/2.5/2.0	2.5/2.0/1.5
TCSPF (Hot/Avg/Cold)	Residential	12.196/8.799/9.388	10.253/7.910/8.612	7.934/6.834/7.373	6.369/5.849/6.136	7.036/6.138/6.646	6.078/5.394/5.746
HSPF (Hot/Avg/Cold)	Residential	4.913/4.543/4.042	5.004/4.542/3.968	5.067/4.302/3.670	4.664/4.228/3.712	4.935/4.242/3.635	4.481/3.908/3.392

Electrical							
Rated load amps (RLA)	Cooling (Amp)	2.3	3.7	5.5	6.5	8.8	11.8
	Heating (Amp)	3.1	3.8	6.5	7.6	10.0	12.0
MCA max circuit amps (Amp)		7.0	7.5	11.0	13	17.0	16.0
Breaker size (Amp)		10	10	16	16	20	20
Power cable connection location		Outdoor					
Power supply (Ph/V/Hz)		1/220-240/50					

Refrigeration							
Refrigerant type		R32					
Refrigerant factory charge (kg)		1.00	1.02	1.02	1.30	1.42	1.55
Pipe size	Liquid line mm	6.35 (¼")					
	Suction line mm	9.52 (⅜")		12.70 (½")			15.88 (⅝")
Pipe length (min-max)		3-15		3-25			
Maximum height difference (m)		10		15			
Pre-charged up to a length (m)		7		10			
Additional refrigerant (grams/meter)		20					

Indoor unit							
Model		AS25QCEHRA	AS35QCEHRA	AS50QDEHRA	AS60QEEHRA	AS71QEEHRA	AS90QFDHRA
External dimension – W/D/H (mm)		875x217x307	875x217x307	970x220x320	1106x240x345	1106x240x345	1316x275x365
Net weight (kg)		10.0	10.0	11.6	15.5	15.5	21.5
Air flow T/H/M/L	Cooling (L/S)	240/195/145/105	260/210/165/115	310/265/215/170	345/295/252/210	365/310/270/225	380/330/285/230
Sound pressure level – SPL (dBA)		40/36/32/21	40/36/32/22	47/43/37/33	48/44/38/33	48/44/38/33	48/42/36/30
Remote		YR-HJ					

Outdoor unit							
Model		1U25MAEFRA	1U35MACFRA	1U50WAEFRA	1U60KAEFRA	1U71WAEFRA	1U90QADFRA
Net dimension – W/D/H (mm)		800x275x553	800x275x553	890x340x705	816x306x642	890x340x705	950x370x815
Net weight (kg)		30.0	30.0	43.2	37.5	44	51
Compressor type		Rotary					
Sound pressure level (dBA)		51	52	53	54	54	56
Sound power level (dBA)		61	63	66	67	68	69

Outdoor operating temperature range							
Outdoor (min-max)	Cooling	-10°C ~ +46°C					
Outdoor (min-max)	Heating	-15°C ~ +24°C					

Notes: ZERL Zoned Energy Rating Label – residential heat pump star rating based on GEMS 2019 Determination. Rated Load Amps (RLA) is based on nominal conditions. Use Minimum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1.