

Specifications

Indoor units

Model AS26PBDHRA (2.5kW)
Model AS35PBDHRA (3.5kW)
Model AS53PDDHRA (5.0kW)
Model AS71PDDHRA (7.0kW)



Outdoor units

Model 1U26MACFRA (2.5kW)
Model 1U35MACFRA (3.5kW)



Model 1U53RACFRA (5.0kW)
Model 1U71RACFRA (7.0kW)



Controller

YR-HE, ver 2



- Simple button design
- Precise temperature control
- Clearer messaging with HEAT and COOL displayed in words on the remote buttons.

	Set	AS26PBDHRA-SET	AS35PBDHRA-SET	AS53PDDHRA-SET	AS71PDDHRA-SET
Model	Indoor	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA
	Outdoor	1U26MADFRA	1U35MADFRA	1U53WADFRA	1U71WADFRA
ZERL star rating	Cooling (Hot/Avg/Cold)	4.5/4.0/4.0	3.5/3.5/3.5	3.5/3.0/3.5	2.5/2.5/2.5
	Heating (Hot/Avg/ Cold)	3.5/3.0/2.0	3.0/2.5/1.5	3.0/2.5/2.0	2.5/2.0/1.5
Capacity (kW) Rated (min~max)	Cooling (kW)	2.5 (1.2 ~ 3.0)	3.5 (1.2 ~ 3.9)	5.0 (1.3 ~ 5.5)	7.0 (1.8 ~ 7.5)
	Heating (kW)	3.0 (1.2 ~ 3.6)	3.7 (1.3 ~ 4.3)	5.5 (1.4 ~ 6.2)	7.6 (1.8 ~ 8.2)
Power input (kW) Rated (min~max)	Cooling	0.56 (0.23 ~ 1.18)	0.92 (0.30 ~ 1.4)	1.30 (0.2 ~ 1.9)	2.12 (0.3 ~ 2.6)
	Heating	0.68 (0.21 ~ 1.5)	1.0 (0.29 ~ 1.7)	1.4 (0.2 ~ 2.5)	2.27 (0.3 ~ 2.7)
EER/AEER		4.46/4.40	3.80/3.76	3.85/3.82	3.30/3.29
COP/ACOP		4.41/4.36	3.70/3.66	3.93/3.91	3.35/3.29

Electrical					
Rated load amps (Amp)	Cooling	2.5	4.1	6.0	9.5
	Heating	2.9	4.4	6.4	10.0
MCA max circuit amps (Amp)		7.2	8.1	11.0	12.2
Breaker size (Amp)		10	10	16	20
Power cable connection location		Outdoor			
Power supply (Ph/V/Hz)		1/220-240/50			

Refrigeration					
Refrigerant type		R32			
Refrigerant factory charge (kg)		0.80	0.84	1.02	1.10
Pipe size	Liquid Line mm (inch)	6.35 (¼)			
	Suction Line mm (inch)	9.52 (⅜)		12.70 (½)	
Pipe length (min~max)		3~15		3~25	
Maximum height difference (m)		10		15	
Precharged up to a length (m)		7		10	
Additional refrigerant (grams/meter)		20			

Indoor unit				
Model	AS26PBDHRA	AS35PBDHRA	AS53PDDHRA	AS71PDDHRA
Net dimensions – W/D/H (mm)	805/200/292	805/200/292	970/220/320	970/220/320
Net weight (kg)	8.7	8.7	11.6	11.6
Air flow T/H/M/L Cooling (L/S)	155/133/97	180/152/125	260/228/195	305/260/220
Sound pressure level – SWL (dBA)	40/36/32/21	40/36/32/22	47/43/37/33	48/44/38/33
Remote	YR-HE			

Outdoor unit					
Model		1U26MADFRA	1U35MADFRA	1U53WADFRA	1U71WADFRA
Net dimension (mm)	W/D/H	800/275/553	800/275/553	890/340/705	890/340/705
Net weight (kg)		29.7	30.0	43.2	43.5
Compressor type		Rotary			
Sound pressure level (dBA)		51	53	53	54
Sound power level (dBA)		59	63	66	67

Operating temperature range				
Outdoor (min~max)	Cooling (kW)	-10°C to +46°C		
Outdoor (min~max)	Heating (kW)	-15°C to +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 Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc. Test conditions are based on AS/NZS3823.1.1.