

R32 split serials

Specifications and Features

- ▶ R32 Refrigerant
- ▶ Indoor module with smart touch display, and easy maintenance
- ▶ Full DC inverter technology
- ▶ Energy Efficiency A+++/A++ (35°C/55°C)
- ▶ 5 times energy saving / SCOP up to 4.8
- ▶ Low noise level



Model	60HR3-IDI/O	90HR3-IDI/O	120HR3-IDI/O	160HR3-IDI/O	180HR3-IDI/O	220HR3-TIDI/O	
Heating Condition-Ambient Temp. (DB/WB): 7/6°C, Water Temp. (In/Out): 30/35°C							
Heating Capacity Range	kW	1.5-6.10	2.99-9.05	3.04-12.28	4.88-15.94	5.97-18.19	6.05-22.2
Heating Power Input Range	kW	0.25-1.35	0.48-1.88	0.49-2.57	0.84-3.78	0.97-3.77	0.98-4.93
Heating Current Input Range	A	1.14-6.14	2.19-9.00	2.32-12.23	3.81-17.18	4.5-17.23	2.55-13.13
COP	W/W	6.09-4.52	6.22-4.81	6.19-4.77	5.78-4.21	6.15-4.82	6.17-4.50
Cooling Condition-Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out):12/7°C							
Cooling Capacity Range	kW	1.23-5.00	2.45-7.07	2.49-9.25	4.21-11.41	5.54-17.23	5.58-20.31
Cooling Power Input Range	kW	0.32-1.73	0.62-2.28	0.63-3.21	1.11-4.51	1.29-5.19	1.30-6.65
Cooling Current Input Range	A	1.46-7.86	2.82-11.55	3-15.68	5.05-19	5.73-22.36	3.32-16.71
EER	W/W	3.89-2.89	3.97-2.97	3.95-2.88	3.77-2.53	4.29-3.32	4.29-3.05
Hot Water Condition -Ambient Temp. (DB/WB): 20/15°C,Water Temp. (In/Out): 15/55°C							
Hot Water Capacity Range	kW	7.01	9.95	12.48	16.80	19.56	23.46
Heat power Input Range P	KW	1.61	2.39	3.01	4.04	4.6	5.57
Hot Water Current Input Range	A	7.32	10.41	13.18	18.77	20.68	14.40
COP	W/W	4.36	4.16	4.16	4.15	4.25	4.21
ErP level(35°C/55°C)		A+++/A++					
Operating Ambient Temperature	°C	-25-43					
Max Outlet Water Temperature	°C	60					
Sound Pressure(1m)	dB(A)	42-51	43-52	43-53	43-54	44-56	46-58
Water Data							
Pipe Work Size	(mm)	G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"
Water Flow	m³/h	1.0	1.6	2.1	2.8	3.1	3.8
Water Pressure Drop	kPa	24	39	26	53	46	62
Electrical Data							
Power Supply		220-240V/1/50HZ					380-415V/3/50Hz
Phase		Single	Single	Single	Single	Single	Three
Max. Power Input	kW	5.1(21+3)	6.1(3.1+3)	7.6(4.6+3)	8.6(5.6+3)	9.2(6.2+3)	10.0(7.0+3)
Max. Current Input	A	23(9.5+13.5)	27.6(14.1+13.5)	34.4(20.9+13.5)	39(25.5+13.5)	41.6(28.1+13.5)	25.3(11.8+13.5)
Fuse Rating - MCB Sizes (A)*6		10A/250V	10A/250V	10A/250V	10A/250V	10A/250V	10A/250V
Refrigerant R32 (kg) / CO2 Equivalent (Ton)		1.22/0.941	1.37/1.056	1.52/1.172	1.72/1.326	2.5/1.928	2.6/2.005
Compressor		DC inverter					
Fan Motor Type		DC					
Shipping Dimension(L/W/H) Split Outdoor Unit	mm	1095×410×845	1325×455×989	1325×455×989	1325×455×989	1325×455×1494	1325×455×1494
Shipping Dimension(L/W/H) Split indoor Unit	mm	535x370x906					
Net Weight /Gross Weight Split Outdoor Unit	kgs	75	80	85	94	126	128
Net Weight /Gross Weight Split Indoor Unit	kgs	40	40	42	46	48	49