

R32 monoblock serials

Specifications and Features

- ▶ R32 refrigerant
- ▶ Full DC inverter technology
- ▶ Energy efficiency A+++ / A++ (35°C/55°C)
- ▶ 5 times energy saving / SCOP up to 4.8
- ▶ Low noise level
- ▶ Advanced anti-freeze protecting control logic
- ▶ Smart colorful touch display
- ▶ Smart app control



Model		60HR3-ID	90HR3-ID	120HR3-ID	160HR3-ID	180HR3-ID	220HR3-TID	
Power Supply		220-240V/1/50HZ					380-415V/3/50Hz	
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	2.18-8.55	2.23-11.68	3.82-17.18	4.41-17.14	2.58-12.97	
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	5.03-15.36	5.11-17.78	
Cooling Power Input Range	kW	0.32-1.73	0.62-2.28	0.63-3.21	1.11-4.51	1.28-5.02	1.27-6.32	
Cooling Current Input Range	A	1.46-7.86	2.82-10.36	2.86-14.59	5.05-20.50	5.82-22.82	3.34-16.63	
EER	W/W	3.89-2.89	3.97-2.97	3.95-2.88	3.77-2.53	3.93-3.05	4.02-2.81	
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	16.8	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	4.36	4.16	4.16	4.15	4.25	4.21	
COP	W/W	4.36	4.16	4.16	4.15	4.25	4.21	
ErP level(35°C/55°C)		A+++ / A++						
Refrigerant/Proper Input	kg	R32/1.1	R32/1.25	R32/1.4	R32/1.6	R32/2.4	R32/2.5	
Max. Power Input	kW	5.1(2.1+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)	
CO2 Equivalent (GWP=771)	Ton	0.848	0.964	1.079	1.234	1.850	1.928	
Max Outlet Water Temperature	°C	60						
Sound Pressure(1m)	dB(A)	42-51	43-52	43-53	43-54	44-56	46-58	
Water Flow	m³/h	1.0	1.6	2.1	2.8	3.1	3.8	
Operating Ambient Temperature	°C	-25-43						
Compressor		DC inverter						
Fan Motor Type		DC						
Unit Dimension(L/W/H)	mm	1040x390x705	1255x435x870	1255x435x870	1255x435x870	1255x435x1375	1255x435x1375	
Shipping Dimension(L/W/H)	mm	1100x410x845	1330x465x1007	1330x465x1007	1330x465x1007	1330x465x1512	1330x465x1512	
Net Weight /Gross Weight	kgs	70/90	95/128	105/138	125/145	135/155	138/158	
Load capacity -(20GP/40HQ)		54/168		40/90		40/45		

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