

R32 EVI monoblock serials

Specifications and Features

- ▶ R32 refrigerant
- ▶ DC inverter EVI technology
- ▶ Stable running at -25°C
- ▶ Energy efficiency A+++/A++ (35°C/55°C)
- ▶ Low noise level
- ▶ Smart colorful touch display
- ▶ Smart app control



Model		60HR3-IED	90HR3-IED	120HR3-IED	160HR3-IED	200RR3-TIED	230RR3-TIED
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	1.53-6.02	3.05-9.05	3.1-12.2	4.88-16.05	5.11-20.11	5.21-23.05
Heating Power Input Range	kW	0.25-1.33	0.49-1.96	0.5-2.69	0.79-3.53	0.82-4.71	0.83-5.84
Heating Current Input Range	A	1.14-6.05	2.23-8.91	2.27-12.23	3.59-16.05	2.16-12.40	2.18-15.37
COP	W/W	6.15-4.52	6.28-4.62	6.16-4.53	6.19-4.55	6.21-4.27	6.25-3.95
Cooling Condition-Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out):12/7°C							
Cooling Capacity Range	kW	1.32-5.2	2.63-7.81	2.67-10.53	4.21-13.85	4.41-17.35	4.5-17.75
Cooling Power Input Range	kW	0.34-1.8	0.66-2.65	0.68-3.64	1.07-4.76	1.11-6.36	1.13-6.88
Cooling Current Input Range	A	1.55-8.18	3.00-12.05	3.09-16.55	4.86-21.64	2.92-16.74	2.97-18.11
EER	W/W	3.93-2.89	4.01-2.95	3.94-2.89	3.95-2.91	3.97-2.73	3.99-2.58
Hot Water Condition -Ambient Temp. (DB/WB): 20/15°C,Water Temp. (In/Out): 15/55°C							
Hot Water Capacity Range	kW	7.15	10.15	12.73	16.82	20.88	23.71
Heat power Input Range P	KW	1.67	2.32	3.00	3.81	4.89	11.08
Hot Water Current Input Range	A	7.59	10.55	13.64	17.32	12.87	14.82
COP	W/W	4.28	4.38	4.25	4.41	4.27	4.14
ErP level(35°C/55°C)		A+++/A++					
Refrigerant/Proper Input	g	R32/1.05	R32/1.43	R32/1.43	R32/2.15	R32/2.72	R32/2.72
Max. Power Input	kW	5(2+3)	6.2(3.2+3)	7.5(4.5+3)	8.6(5.6+3)	10.5(7.5+3) 16.5(7.5+9)	12(9+3) 18(9+9)
Max. Current Input	A	21.7(8.7+13.0)	26.9(13.9+13.0)	32.6(19.6+13.0)	37.3(24.3+13.0)	25.7(12.7+13.0) 28(12.7+15.3)	28.3(15.3+13.0) 30.6(15.3+15.3)
CO2 Equivalent (GWP=771)	Ton	0.81	1.103	1.103	1.658	2.097	2.097
Max Outlet Water Temperature	°C	60					
Sound Pressure(lm)	dB(A)	42-51	43-52	43-52	44-55	44-56	45-57
Water Flow	m³/h	1.0	1.6	2.1	2.8	3.4	4
Operating Ambient Temperature	°C	-25-43					
Compressor		DC inverter					
Fan Motor Type		DC					
Unit Dimension(L/W/H)	mm	1040×390×705	1255×440×870	1255×440×870	1255×440×870	1255×440×1375	1255×440×1375
Shipping Dimension(L/W/H)	mm	1100×410×845	1330×465×1007	1330×465×1007	1330×465×1007	1330×465×1512	1330×465×1512
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	

R32 EVI monoblock serials

Specifications and Features

- ▶ R32 refrigerant
- ▶ DC inverter EVI technology
- ▶ Stable running at -25°C
- ▶ Energy efficiency A+++/A++ (35°C/55°C)
- ▶ Low noise level
- ▶ Smart colorful touch display
- ▶ Smart app control



Model		60HR3-IED	90HR3-IED	120HR3-IED	160HR3-IED	200RR3-TIED	230RR3-TIED
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	1.53-6.02	3.05-9.05	3.1-12.2	4.88-16.05	5.11-20.11	5.21-23.05
Heating Power Input Range	kW	0.25-1.33	0.49-1.96	0.5-2.69	0.79-3.53	0.82-4.71	0.83-5.84
Heating Current Input Range	A	1.14-6.05	2.23-8.91	2.27-12.23	3.59-16.05	2.16-12.40	2.18-15.37
COP	W/W	6.15-4.52	6.28-4.62	6.16-4.53	6.19-4.55	6.21-4.27	6.25-3.95
Cooling Condition-Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out):12/7°C							
Cooling Capacity Range	kW	1.32-5.2	2.63-7.81	2.67-10.53	4.21-13.85	4.41-17.35	4.5-17.75
Cooling Power Input Range	kW	0.34-1.8	0.66-2.65	0.68-3.64	1.07-4.76	1.11-6.36	1.13-6.88
Cooling Current Input Range	A	1.55-8.18	3.00-12.05	3.09-16.55	4.86-21.64	2.92-16.74	2.97-18.11
EER	W/W	3.93-2.89	4.01-2.95	3.94-2.89	3.95-2.91	3.97-2.73	3.99-2.58
Hot Water Condition -Ambient Temp. (DB/WB): 20/15°C,Water Temp. (In/Out): 15/55°C							
Hot Water Capacity Range	kW	7.15	10.15	12.73	16.82	20.88	23.71
Heat power Input Range P	KW	1.67	2.32	3.00	3.81	4.89	11.08
Hot Water Current Input Range	A	7.59	10.55	13.64	17.32	12.87	14.82
COP	W/W	4.28	4.38	4.25	4.41	4.27	4.14
ErP level(35°C/55°C)		A+++/A++					
Refrigerant/Proper Input	g	R32/1.05	R32/1.43	R32/1.43	R32/2.15	R32/2.72	R32/2.72
Max. Power Input	kW	5(2+3)	6.2(3.2+3)	7.5(4.5+3)	8.6(5.6+3)	10.5(7.5+3) 16.5(7.5+9)	12(9+3) 18(9+9)
Max. Current Input	A	21.7(8.7+13.0)	26.9(13.9+13.0)	32.6(19.6+13.0)	37.3(24.3+13.0)	25.7(12.7+13.0) 28(12.7+15.3)	28.3(15.3+13.0) 30.6(15.3+15.3)
CO2 Equivalent (GWP=771)	Ton	0.81	1.103	1.103	1.658	2.097	2.097
Max Outlet Water Temperature	°C	60					
Sound Pressure(1m)	dB(A)	42-51	43-52	43-52	44-55	44-56	45-57
Water Flow	m³/h	1.0	1.6	2.1	2.8	3.4	4
Operating Ambient Temperature	°C	-25-43					
Compressor		DC inverter					
Fan Motor Type		DC					
Unit Dimension(L/W/H)	mm	1040x390x705	1255x440x870	1255x440x870	1255x440x870	1255x440x1375	1255x440x1375
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