

**sunrain**

**Sunrain R32 Commercial DC Inverter Pool Heat Pump**



Model No.		BYC-035TV3	BYC-070TA1	BYC-103TA1	BYC-136TA1
Air 26°C Water 26°C Hygro 80%	Max heating capacity. (kW)	35	70	103	136
	Min heating capacity (kW)	8.8	16.5	24.8	32.4
	Power Input (kW)	5.15	10.8	15.8	20.77
		0.56	1.11	1.63	2.14
	COP	15.8	16.11	16.09	16.15
6.8		6.98	6.96	6.99	
Air 15°C Water 26°C Hygro 70%	Max heating capacity. (kW)	25.5	51	76	101
	Min heating capacity (kW)	6.4	12.1	18.3	23.9
	Power Input (kW)	5.2	10.24	15.29	22.24
		0.84	1.6	2.42	3.15
	COP	7.6-4.9	7.52-4.96	7.55-4.96	7.58-4.99
Air 6°C Water 26°C	Max heating capacity. (kW)	23.50	47	68	92
	Min heating capacity. (kW)	5.6	11,2	15,9	21,8
	Power Input (kW)	0.92	11.78	17.09	22.94-3.66
		0.58	1.89	2.7	
	COP	2.69	5.92	5.89	5.95-4.01
1.75		3.99	3.98		
Air 35°C Water 27°C	Max cooling capacity. (kW)	19.3	38	58	76
	Min cooling capacity. (kW)	4.9	9.1	14,1	18.5
	Power Input (kW)	5.08-0.73	10.41-1.36	15.89-2.11	20.65-2.74
	EER	6.7-3.8	6.69-3.65	6.68-3.65	6.74-3.68
Power Supply	Three phase 380-415V/3N~50Hz				
Heating water temperature range	15°C~40°C				
Operating air temperature range	-15°C~43°C				
Max power Input (kw)	6.93	15,1	22,5	30,0	
Courant maximal (A)	11.3	26	38	54	
Water Flow Volume (m³/h)	12	20	30	40	
Refrigerant	R32				
Decive dimensions LxWxH (mm )	715*715*955	1416x752x1055	1250x1080x1870	2150x1080x2180	
Net Weight (kg)	92	280	460	810	
Noice at 1m (dBA) (3)	>59	<68	<71	<73	
Noice at 4m (dBA) (3)	>49	<58	<60	<62	
Noice at 10m (dBA) (3)	>39	<48	<49	<51	
Water connection (mm)	50	63	90	75	
Compressor Type	Rotary inverter				
Number of compressors	1	1	2	2	
Compressor brand	Mitsubishi				
Heat exchanger	Titanium				

Notes:

Warranty: 2 years for the whole unit, 5 years for compressor

