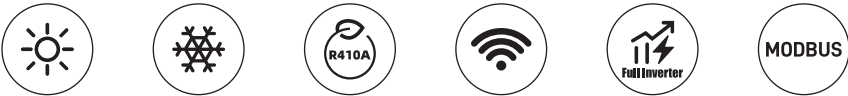


R410A INVER-MAX

Swimming Pool Heat Pump



Features

- Full inverter, higher COP, better performance
- R410A refrigerant, environmental friendly
- Titanium heat exchanger, corrosion resistance
- Touch-screen controller, easy operation
- WIFI function included
- MODBUS communication
- Heating, cooling & Auto function included



BYC-070|103|136 TA1

T E C H N I C A L D A T A

Model No.	BYC-070TA1	BYC-103TA1	BYC-136TA1
Water Pressure Loss(Kpa)	18	22	25
Power Supply	380~415V/3/50Hz	380~415V/3/50Hz	380~415V/3/50Hz
Heating Capacity at Air 26°C, Water 26°C, Humidity 80%			
Heating Capacity (kW)	70~16.5	103~24.8	136~32.4
Power Input (kW)	10.03~1.02	14.80~1.54	19.46~2.01
COP	16.11~6.98	16.09~6.96	16.15~6.99
Heating Capacity at Air 15°C, Water 26°C, Humidity 70%			
Heating Capacity (kW)	51~12.1	76~18.3	101~23.9
Power Input (kW)	10.24~1.6	15.29~2.42	20.24~3.15
COP	7.56~4.98	7.55~4.97	7.59~4.99
Cooling Capacity at Air 35°C, Water 27°C			
Cooling Capacity (kW)	9.1~38	14.1~58	18.5~76
Power Input (kW)	1.36~10.41	2.11~15.89	2.74~20.65
EER	3.65~6.69	3.65~6.68	3.68~6.74
Cooling Capacity at Air 46°C, Water Outlet 28°C			
Cooling Capacity (kW)	5.8~27	10.75~42	12~56
Power Input (kW)	1.45~10.88	2.56~16.45	2.95~22.1
EER	2.36~4.27	2.38~4.25	2.37~3.88
Rated Power Input (kW)	10.0	15.0	20.0
Rated Current(A)	18	27	36
Max Power Input (kW)	15.0	22.0	30.0
Max Current(A)	26	38	54
Refrigerant	R410A		
Compressor Type	Mitsubishi inverter		
Heat Exchanger	Titanium		
Expansion Valve	Electronic EEV		
Air Flow Direction	Vertical		
Water Flow Volume (m3/h)	20	30	40
Net Dimensions(L*W*H) (mm)	1416*752*1055	1250*1080*1870	2150*1080*2180
Package Dimensions(L*W*H) (mm)	1580*880*1150	1300*1100*1950	2230*1120*2200
Working temperature range (°C)	-15~53	-15~53	-15~53
Heating temperature range (°C)	15~40	15~40	15~40
Cooling temperature range (°C)	8~28	8~28	8~28
Noise (dB)	≤59	≤62	≤65
Net Weight (kg)	280	420	750
Gross Weight (kg)	320	460	810
Water connection(mm)	63	63	75

* Please refer to the nameplate for product upgrades or changes in specifications without prior notice.