



Wash Dishes in Ease



Stay Cool and Comfort



Enjoy Relax Shower



Water Tank Chillers

Enjoy Cool Water Inside
Even When It's 52°C Outside

Features



High-efficiency rotary and scroll compressors



Built-in hydronic system



Environment-friendly R410A refrigerant



High Efficiency, Heavy Duty inbuilt pump for recirculation of water



Plug-in type for faster installation



Service port and valves for ease of maintenance



Easy to operate through in-built/remotely installed microprocessor controller

Technical Specifications: R410A Water Tank Chillers

Model No.		BWTC1-06Y1R3A	BWTC1-12S3R3A	BWTC1-20S3R3A	BWTC1-33S3R3A
Performance Parameters	Nominal Capacity (KW)	06.00	12.00	20.00	33.00
	Nominal Capacity (TR)	1.7	3.41	5.7	9.4
	Voltage / Frequency / Phase	220-240 V / 50Hz / 1Ph- 380-415 V / 50Hz / 3N-			
	Incoming Cable Size	2½ Core x 2.5 mm ² Cu	3½ Core x 4 mm ² Cu	3½ Core x 4 mm ² Cu	3½ Core x 16 mm ² Cu
Evaporator	Type	Brazed Plate Heat Exchanger			
	Qty (Nos)	1			1(Dual)
	Construction material	AISI 316 stainless-steel			
Compressor	Type	Rotary	Scroll		
	Qty (Nos)	1			2
Condenser	Condenser Type	FTHX (Aluminium Fin & Copper Tube Heat Exchanger)			
	Condenser Fins	Anti-corrosive hydrophobic coated aluminium Fins			
Condenser Fan & Motor	Fan blade Dia (Inch)	20"	24"	24"	26"
	Fan Motor Qty (Nos)	1	1	1	1
	Fan Motor Capacity (HP)	0.25	0.5	0.5	0.75
	Fan Motor Air Flow (CFM)	2000	4000	4000	9000
Chilled Water Pump	Type	Heavy Duty Centrifugal			
	Make	Ebara			
Chilled water connection	Inlet/Outlet size (NB.)	1"			1¼"
	Inlet/Outlet Qty	1 each			
Refrigerant & Ambient Operations	Refrigerant	Eco friendly R410A			
	Controller	Microprocessor based controller with inbuilt digital display, complete alarm			
Other Features	Safety Devices	High pressure switch, Low pressure switch, Flow switch			
	Electrical Safety	Crankcase heater for Scroll Compressors, Contactor, Overload Relay			
	Dimension (WxHxD) mm	1285 x 1057x 464	1285 x 1359 x 464	1285 x 1359 x 464	1222 x 1687x 1128
Dimensions & Weight	Appx Net Weight (Kg)	115	219	230	395

Notes: (1) The Capacity ratings are based on 28 OC (82.40F) chilled water outlet with 0.00010F.ft2.hr/ Btu fouling factor at outdoor temperature of 46 OC.

(2) For more details and selection recommendations, kindly contact Blue Star sales team or authorized dealer/distributor.

Blue Star has a policy of continuous product and product data improvement and reserves the rights to change the design and specifications without notice.



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EXPERTS IN COOLING

For more information, Please contact:

UAE:

BLUE STAR INTERNATIONAL FZCO

Office # 520, 5th Floor, Building E-3, Dubai Airport Freezone, UAE

P.O Box 293719, Phone: +971 4 230 6900 | Email: exports@bluestarindia.com

BLUE STAR SYSTEM AND SOLUTION LLC,

Airport Road, Dubai, UAE

P.O Box 239869, Phone: +971 4 230 6999 | Email: bluestarss@bluestarindia.com

Authorised Dealer