



BLUE STAR

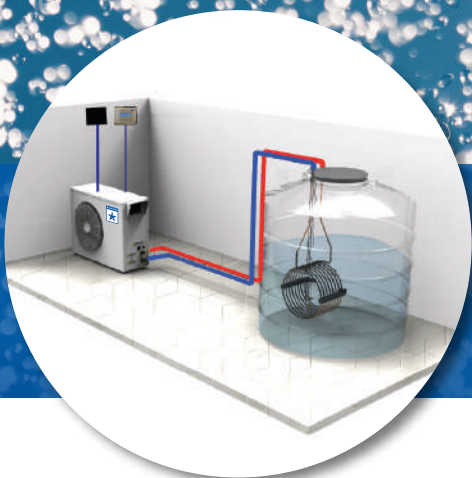
Aqua Cool

28°C

56°C

COOL WATER

EVEN IN THE HOTTEST WEATHER



By installing an Aqua Cool tank cooler, you can enjoy the comfort of cool running water from every water source in your home. Made from the highest quality materials and engineered for efficient design, Blue Star's Aqua Cool is just what you need for a pleasant summer at home.



Unique Liquid Injection Technology (LIT) for compressor longevity



Large heat exchanger area for efficient heat transfer



Hermetically sealed rotary compressors for maximum efficiency



Anti-corrosive blue coated fins



Certified for electrical safety as per IEC international standards

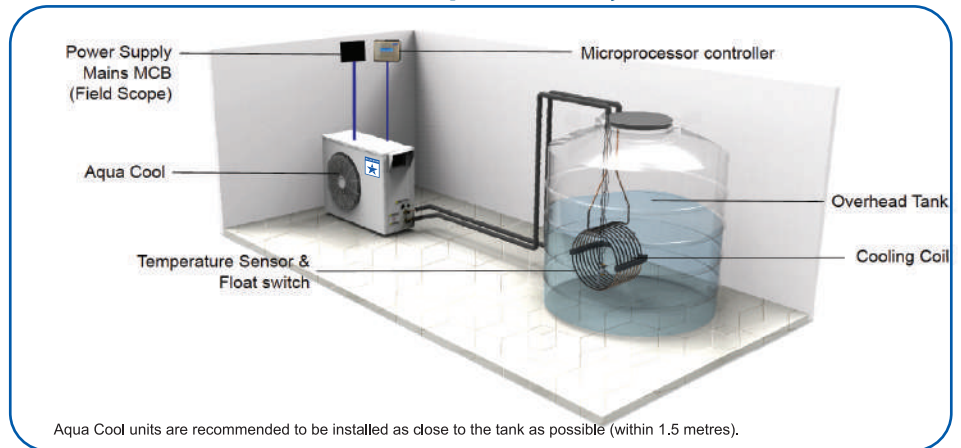


Eco-friendly R410A refrigerant



- Energy efficient operation
- Wide range of suitable capacity up to 1500 US gallon tanks
- Microprocessor-based controller with LCD display for precise control
- Easy to install and maintain
- Totally Enclosed Air Over (TEAO), thermally protected motors
- Weatherproof, polyester powder coated cabinet suitable for outdoor application
- Safety features such as LP cut-out, mid coil sensor & float switch
- Compatible for all types of tanks

The Efficient Aqua Cool Layout



Technical Specifications : R410A, 50Hz Aqua Cool Series

Model		Units	BITC5-0750	BITC5-1000	BITC5-1500
Performance Ratings	Nominal tank capacity	Gallons	Up to 750	750-1000	1000-1500
	Nominal cooling capacity	kW	4	6	8
	Rated input power at 35°C Ambient	Watts	1320	1750	2450
	Incoming cable size		3C, 2.5 sq.mm Cu	3C, 2.5 sq.mm Cu	3C, 2.5 sq.mm Cu
	Max current	Amps	8	9.8	13.2
	Power supply	V / Hz / Ph	220-240 V / 50 Hz / 1 Phase AC		
	Water temperature in tank	°C	29 ± 1	29 ± 1	29 ± 1
	Maximum outdoor operating temperature	°C	56	56	56
Compressor	Type		Rotary	Rotary	Rotary
	Quantity	Nos	1	1	1
Cooling Coil	Type		Inner grooved copper tube with anti-corrosive coating		
	Quantity	Nos	1	1	1
Condenser Coil	Type		FTHX (Inner grooved copper tube mechanically bonded with anti-corrosive blue coated aluminium fins)		
	Face area	sq. ft	3.9	6.0	6.7
	Rows	Nos	2	2	3
Condenser Fan and Motor	Fan type		Axial metallic fan		
	Fan diameter	Inch	16"	18"	20"
	Motor power	HP	1/10	1/10	1/4
	Motor type		Internally protected TEAO, Class B insulated, PSC AC induction motor		
	Quantity	Nos	1	1	1
Refrigerant	Type		Eco-friendly R410A pre-charged from factory		
Controller	Type		Microprocessor based controller with extended remote control, 2 line alphanumeric LCD display with error indication and alarm management		
Other Features	Safety devices		Contactor, low pressure switch, mid-coil sensor, liquid injection and float switch		
	Features		IP55 digital display, auto restart at power failure, anti corrove blue coated condenser coil, service valve with service ports, temperature sensor, insulation on the evaporator tube for undipped portion, metallic fan guard		
Accessories	-	-	Vibration isolation pads for installation and insulation for cooling coil for undipped portion		
Dimension and Weight	Net dimension W x D x H	mm	850 x 310 x 550	850 x 310 x 690	850 x 310 x 800
	Packing dimensions W x D x H	mm	1000 x 410 x 575	1000 x 410 x 715	1000 x 410 x 820
	Net weight	kg	40	50	55
	Gross weight	kg	45	57	62
Container Stuffing	20 GP / 40 HQ	Nos	81 / 171		54 / 171

Blue Star has a policy of continuous products and product data improvements. Specifications are subject to change without prior notice.

Notes:

- 1) Dimensions and weight are without the cooling coil. Cooling coil is supplied in separate packing.
- 2) Nominal tank capacities are based on pull down of water temperature from make-up water of 34±1°C to 29±1°C temperature in 8-10 hours at 35°C outdoor temperature.
- 3) Tank capacity reduces during periods of high ambient temperature. Pull down time increases by 12% at 46°C ambient.



For more information, please contact:

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