

# أكوا تشيل

حلول مبتكرة لتبريد وتسخين المياه

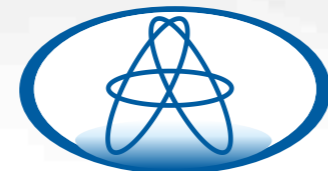
# AQUA CHILL

Water Cooling & Heating Solutions

إعادة تعريف الراحة

Redefining  
Comfort

Authorised Distributor



Awal Gulf Manufacturing Co. B.S.C. (c)

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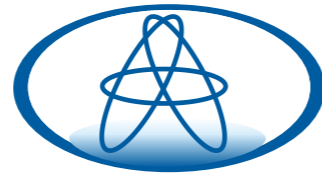
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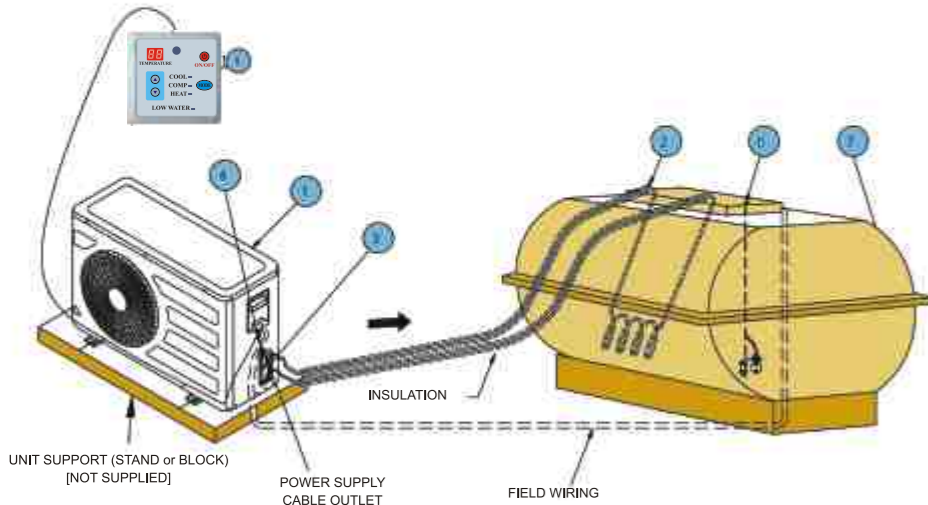
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# Enjoy Comfortable Baths in Summer & Winter



With  
Digital  
Thermostat  
Controller

ITEM	DESCRIPTION
1	UNIT
2	COOLING / HEATING COIL
3	LIQUID SERVICE VALVE
4	GAS SERVICE VALVE
5	DIGITAL THERMOSTAT (ON/OFF, MODE & THERMOSTAT CONTROL)
6	BRACKET, TEMPERATURE SENSOR & WATER LEVEL SENSOR.
7	WATER TANK (NOT SUPPLIED).

## Aqua Chill Specifications - TXT

UNITS				
MODEL(50HZ)	COOL ONLY	TXT12FC	TXT18FC	TXT24FC
	COOL / HEAT	TXT12FH	TXT18FH	TXT24FH
POWER SUPPLY	(V,PH,HZ)	220-240 / 1 / 50		
MODEL(60HZ)	COOL ONLY	TXT12PC	TXT18PC	TXT24PC
	COOL/HEAT	TXT12PH	TXT18PH	TXT24PH
POWER SUPPLY	(V,PH,HZ)	220 / 1 / 60		
PERFORMANCE				
NOMINAL COOLING CAPACITY	BTU / H	12000	18000	24000
	KCAL / H	3024	4536	6045
NOMINAL HEATING CAPACITY	BTU / H	12650	18900	25300
	KCAL / H	3187	4762	6375
TANK CAPACITY (NOMINAL)	GALLON	200 – 500	500 - 750	750 – 1000
POWER INPUT-50 HZ (NOMINAL)	WATT	1560	2360	2840
POWER INPUT-60 HZ (NOMINAL)	WATT	1800	2450	3500
CURRENT (50HZ)	AMP	8	11	13.4
CURRENT (60HZ)	AMP	8.5	11	15.5
INSTALLATION - TUBE SIZE				
SUCTION LINE	mm ( Inch)	9.52 (3/8)		
LIQUID LINE	mm ( Inch)	9.52 (3/8)		
REFRIGERANT		R-22		
DIMENSIONS - UNPACKED				
WIDTH	mm ( Inch)	870 (34.3)	870 (34.3)	
DEPTH	mm ( Inch)	320 (12.66)	320 (12.66)	
HEIGHT	mm ( Inch)	550 (21.6)	650 (25.7)	
DIMENSIONS - PACKED				
WIDTH	mm ( Inch)	985 (38.8)	985 (38.8)	
DEPTH	mm ( Inch)	400 (15.7)	400 (15.7)	
HEIGHT	mm ( Inch)	605 (23.9)	705 (27.6)	
SHIPPING DATA				
NET WEIGHT	Kg	53	55	63
GROSS WEIGHT	Kg	56	58	66
LOADABILITY	20Ft / 40Ft	85 / 180		
<p>• Above performance data is for 95°F (35°C) ambient temp. • Our equipment is designed to ensure operation up to 125°F (52°C) ambient temp. • Safety device for Low Water Level provided. • Above dimensions and weights are excluding cooling coil. • As a result of continuous development and research, design and specifications are subjected to change without notice.</p>				

## AQUA CHILL

is the unique roof-top tank water cooling / heating system for hot summers and cold winters when roof top tank water reaches unbearable temperatures.

### AQUA CHILL

Cools / heats water in the roof-top tanks to a comfortable temperature ideal for a refreshing shower or for household use such as washing and cleaning during summers and winters.

## Highlights

- Available in 1.0, 1.5 and 2.0 tons capacity.
- Available for water tanks (200 to 1000 gallons).
- Easy Installation, Economical Operation & Maintenance.
- Compatible with all types of existing tanks.
- Compact & Energy Saving Design.
- Automatic motor and compressor shut-off at preset water levels.
- Cables & Tubes - protected and insulated against heat, dust & humidity.
- Warranty: 5 year on compressor & 1 year on all operational parts.
- Guaranteed After Sales Services and availability of spare-parts.

## Special Features

- Micro processor based control for
  - Temperature adjustment
  - Heat / Cool mode selection
  - Water level sensing
- Totally Sealed Motor - for high ambient conditions
- Anti-Corrosive Electrostatic Powder Painted components for long lasting outdoor life
- Safety devices controlling voltage at 12V - prevents electrical shock.



### التحكم بدرجة حرارة

نظام الماء المتميز والفردي من نوعه لتبريد وتدفئة مياه الخزان الموجود على سطح المنزل.

يقوم هذا الجهاز بتبريد مياه الخزان في فصل الصيف حيث تصل درجة المياه إلى حد يصعب استخدامه وأيضا في فصل الشتاء حيث تمكن تسخين مياه الخزان وذلك للوصول لدرجة حرارة مريحة يمكن استخدامها بدون خلط الماء بماء السخان.

- يبرد الماء إلى حدود ٢٠ درجة مئوية ويسخنها إلى درجة ٥٠ درجة مئوية.
- متوفر بعده أحجام (١ طن، ١ ١/٢ طن و ٢ طن تبريد).
- متوفر لخزانات الماء سعة (٢٠٠ جالون إلى ١٠٠٠ جالون).
- سهل التركيب والتشغيل وصيانة اقتصادية.
- متوافق مع جميع أنواع الخزانات المتوفرة.