

Unit Specifications



	50 Hz - 380-415V	60 Hz - 208-230V	60 Hz - 460V	
Performance/Heating <small>@ 26.7°C Air/80% RH/26.7°C Water @ 80°F Air/80% RH/80°F Water</small>	kW Output	123.7	154.4	154.4
	BTU Output	422,000	527,000	527,000
	C.O.P. (Coefficient of Performance)	6.8	6.6	6.6
	kW Input	18.1	23.3	23.3
Performance/Heating <small>@ 10°C Air/63% RH/26.7°C Water @ 50°F Air/63% RH/80°F Water</small>	kW Output	73.3	91.7	91.7
	BTU Output	250,000	313,000	313,000
	C.O.P. (Coefficient of Performance)	4.1	4.1	4.1
	kW Input	17.9	22.4	22.4
Performance/Chilling <small>@ 37.8°C Air/26.7°C Water @ 100°F Air/80°F Water</small>	kW Absorption	91.3	106.4	106.4
	BTU Absorption	311,516	363,153	363,153
	kW Input	21.2	23.8	23.8
Electrical	Voltage/Hz/Phase	380-415V/50Hz/3ph	208-230V/60Hz/3ph	460V/60Hz/3ph
	Min. Circuit Ampacity	58.0	134.6	60.9
	Recommended Fuse Size	80	150	80
	Max. Fuse Size	80	150	80
<small>Over Temperature Alarm Kit available: part number STK0221 for single phase, STK0222 for three phase. Strongly recommended for all spa applications.</small>				
Pool Water Flow	Min./Max. l/min	454/1059	454/1059	454/1059
	Min./Max. gpm	120/280	120/280	120/280
	Pressure Drop/Pool Water @ 568 l/min	0.12 bar	0.12 bar	0.12 bar
	Pressure Drop/Pool Water @ 150 gpm	1.8 PSI	1.8 PSI	1.8 PSI
	Pool Water Connections	4" U.S.	4" U.S.	4" U.S.
Refrigerant	R410A			
Physical	Weight (lbs)	1,540	1,540	1,540
	Weight (kg)	700	700	700
	Length x Width x Height (in)	90" x 54" x 86"	90" x 54" x 86"	90" x 54" x 86"
	Length x Width x Height (cm)	229 x 138 x 219	229 x 138 x 219	229 x 138 x 219
Shipping	Weight (lbs)	2,100	2,100	2,100
	Weight (kg)	953	953	953
	Length x Width x Height (in)	91" x 58" x 86"	91" x 58" x 86"	91" x 58" x 86"
	Length x Width x Height (cm)	232 x 148 x 219	232 x 148 x 219	232 x 148 x 219

Specifications subject to change without notice



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Featuring new
SMART
controller



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Great Big Bopper®

High Performance Air Source **Heating & Cooling**

- Heavy Duty Design and Construction
- SuperQuiet Operation

- Superior Energy Efficiency
- Guaranteed AquaCal® Quality

Titanium Heat Exchanger **thermoLINK**

- Patented counter-flow water management system
- Heats water faster and more efficiently
- Impervious to chemical corrosion
- Durability without sacrificing performance
- Lifetime warranty

Microprocessor Controlled with LCD Display

- New SMART control panel with 24 character full-text display provides easy-to-read menu options and unit status
- On-board self diagnostics
- Microprocessor controlled defrost cycle

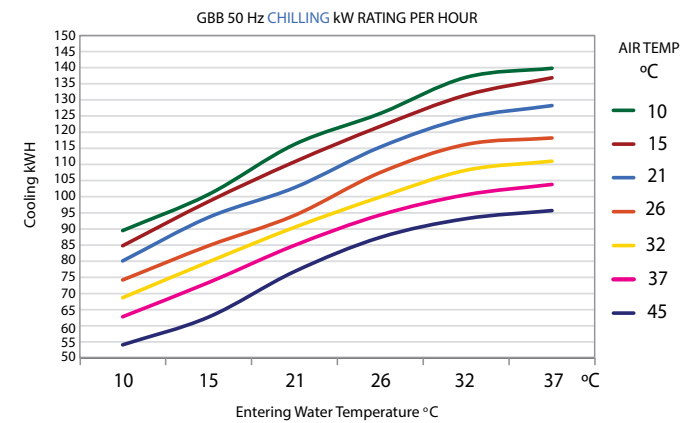
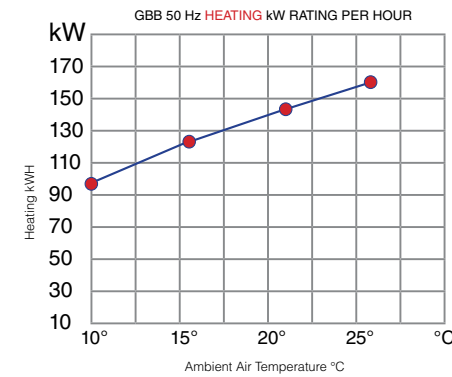
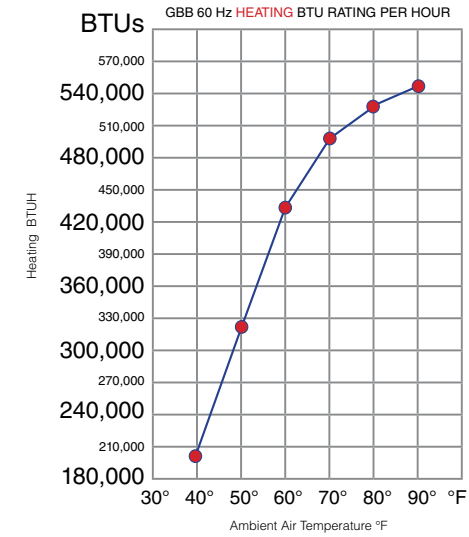
ICEBREAKER® Heat & Cool with Active Defrost

- Extends swimming season longer than any other heat pump on the market
- Continues to heat in freezing temperatures to minimize heat loss
- Cool your pool to a refreshing temperature
- Set to heat, cool or autotemp

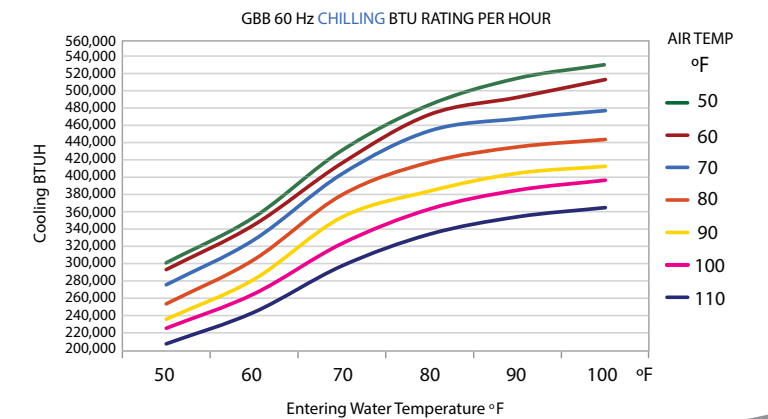
Corrosion Resistant Cabinet

- Rust resistant, heavy gauge G90 Galvanneal steel with 7 step Powder Coat process
- ElectroFin® epoxy polymer coated evaporator coils
- Polymer condensate drain system
- Polymer coated fan guards

A Real Commercial Sized Heat Pump That **Heats & Cools** Large Commercial Pools



Up to a **Half Million BTUs** in One Single Unit



Free sizing program that provides ROI & cost savings analysis for your specific pool

Lease and Rental Programs Available

Dual Plumbing Configuration: easily plumbed from either side of unit, allowing for convenient installation

Maximum Efficiency Scroll Compressors

Titanium Heat Exchangers with Lifetime Warranties

Multi-System Capability: GBB is capable of heating & cooling even the largest swimming pools

Performance driven for demanding climates everywhere, from Los Angeles to Boston to Paris to Abu Dhabi

