



## Unit Specifications

	50 Hz - 380-415V	60 Hz - 208-230V	60 Hz - 460V	
<b>Performance/Heating</b> <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
<b>Performance/Heating</b> <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
<b>Performance/Chilling</b> <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
<b>Electrical</b>	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
<b>Pool Water Flow</b>	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.
<b>Refrigerant</b>	R410A	R410A	R410A	
<b>Physical</b>	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

Specifications subject to change without notice



World's **LARGEST**  
air source commercial  
**HEAT PUMP**

**AquaCal®**  
Producing quality heat pumps since 1981



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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

- 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 Digital Display

- Accurate and easy-to-read bright blue display
- On-board self diagnostics
- Microprocessor controlled defrost cycle

## ICEBREAKER® Heat & Cool

- 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

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

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

Maximum Efficiency Scroll Compressors

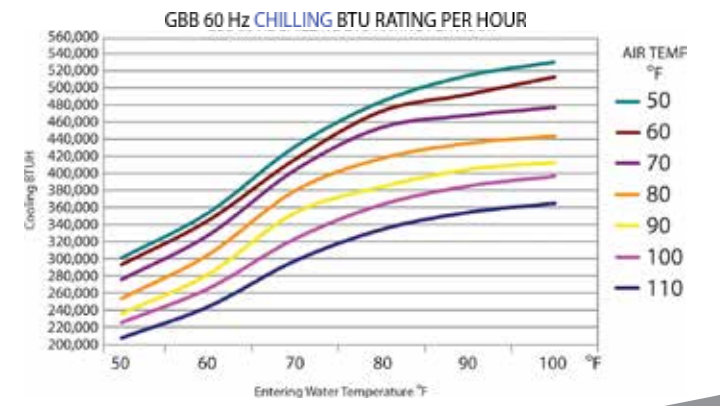
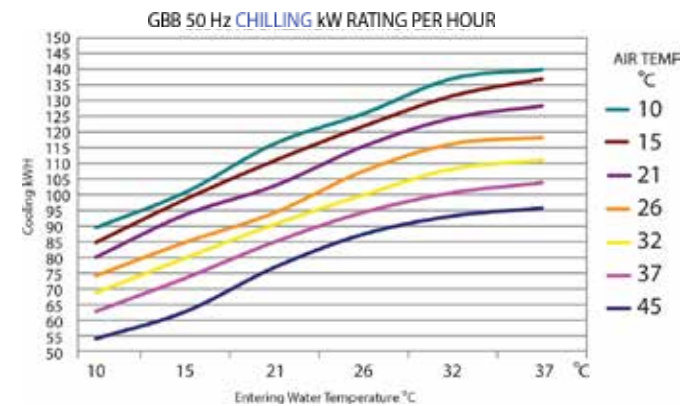
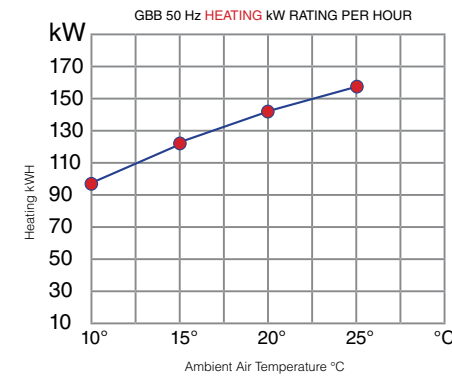
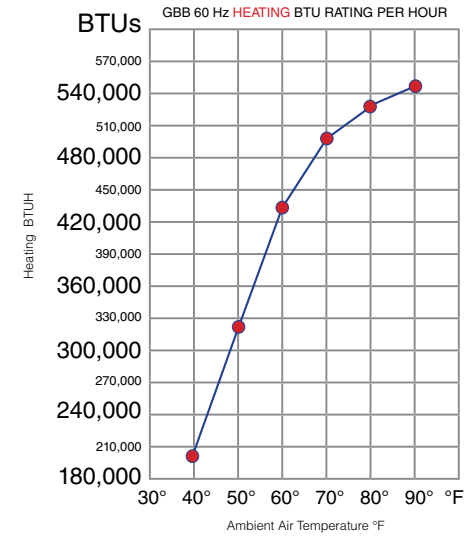
Titanium Heat Exchangers with Lifetime Warranties

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



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



Up to a Half Million BTUs in One Single Unit