

Unit Specifications

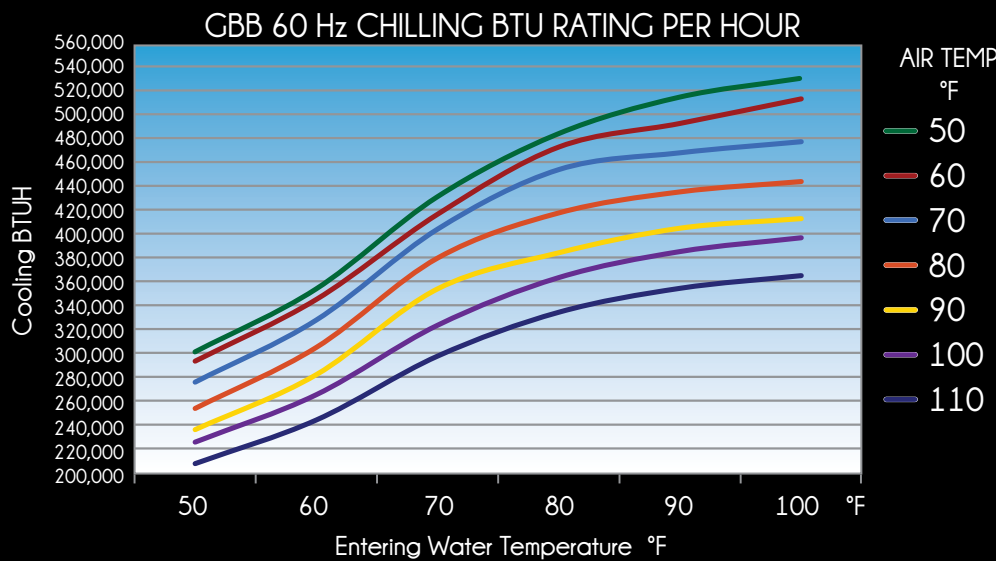
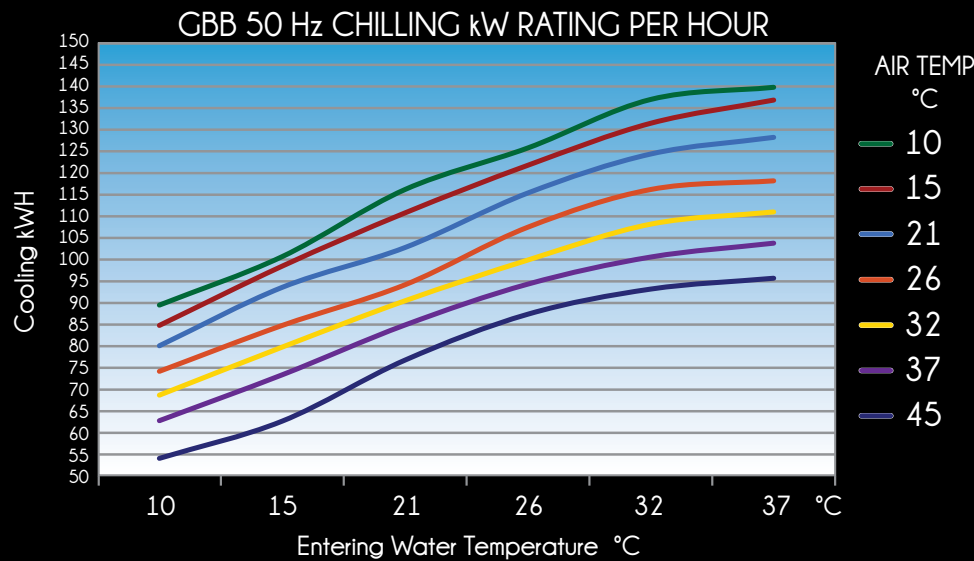
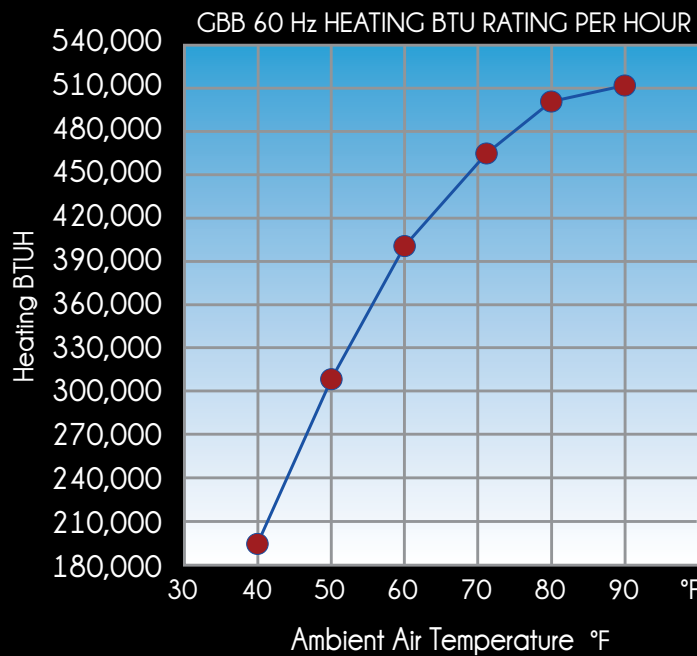
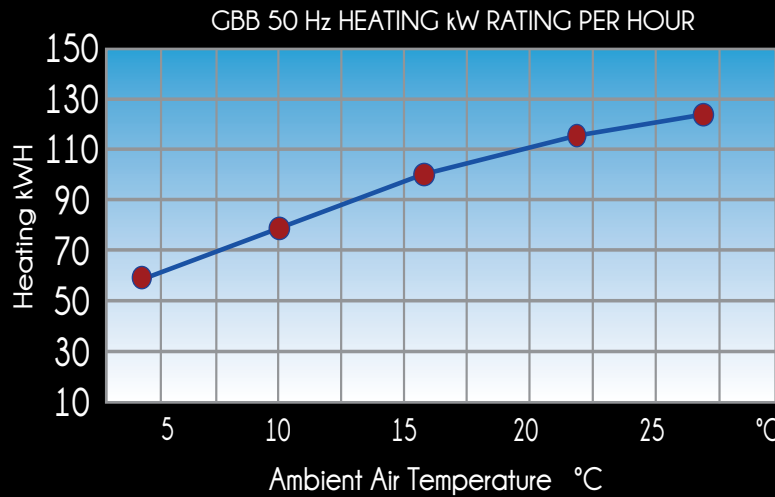
	50 Hz - 380-415V BB500DRDSBNA	60 Hz - 208-230V BB500BRDSBNA	60 Hz - 460V BB500GRDSBNA
Performance/Heating @26.7°C Air/63% RH/26.7°C Water @80°F Air/63% RH/80°F Water*			
kW Output	124.9	145.8	145.8
BTU Output	426,000	497,000	497,000
COP	6.3	6.3	6.3
kW Input	19.8	23.1	23.1
Performance/Heating @10°C Air/63% RH/26.7°C Water @50°F Air/63% RH/80°F Water*			
kW Output	78.3	91.7	91.7
BTU Output	267,000	313,000	313,000
COP	4.1	4.1	4.1
kW Input	19.1	22.4	22.4
Performance/Chilling @40°C Air/26.7°C Water @100°F Air/80°F Water			
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
Minimum Circuit Ampacity	75	150	75
Recommended Fuse Size	100	200	100
Maximum Fuse Size	100	200	100
Pool Water Flow			
Minimum/Maximum l/min	26/62	26/62	26/62
Minimum/Maximum gpm	140/280	140/280	140/280
Pressure Drop/Pool Water at 170 l/min	0.17 bar	0.17 bar	0.17 bar
Pressure Drop/Pool Water at 120 gpm	2.5 PSI	2.5 PSI	2.5 PSI
Pool Water Connections	4" U.S.	4" U.S.	4" U.S.
Refrigerant Type	R410A	R410A	R410A
Physical			
Weight (kg)	700	700	700
Weight (lbs.)	1,540	1,540	1,540
Length x Width x Height (cm)	137 x 228 x 218	137 x 228 x 218	137 x 228 x 218
Length x Width x Height (in.)	54" x 90" x 86"	54" x 90" x 86"	54" x 90" x 86"

* - rated in accordance with ARI standard 1160 water temp/ambient air/relative humidity

10893 v2



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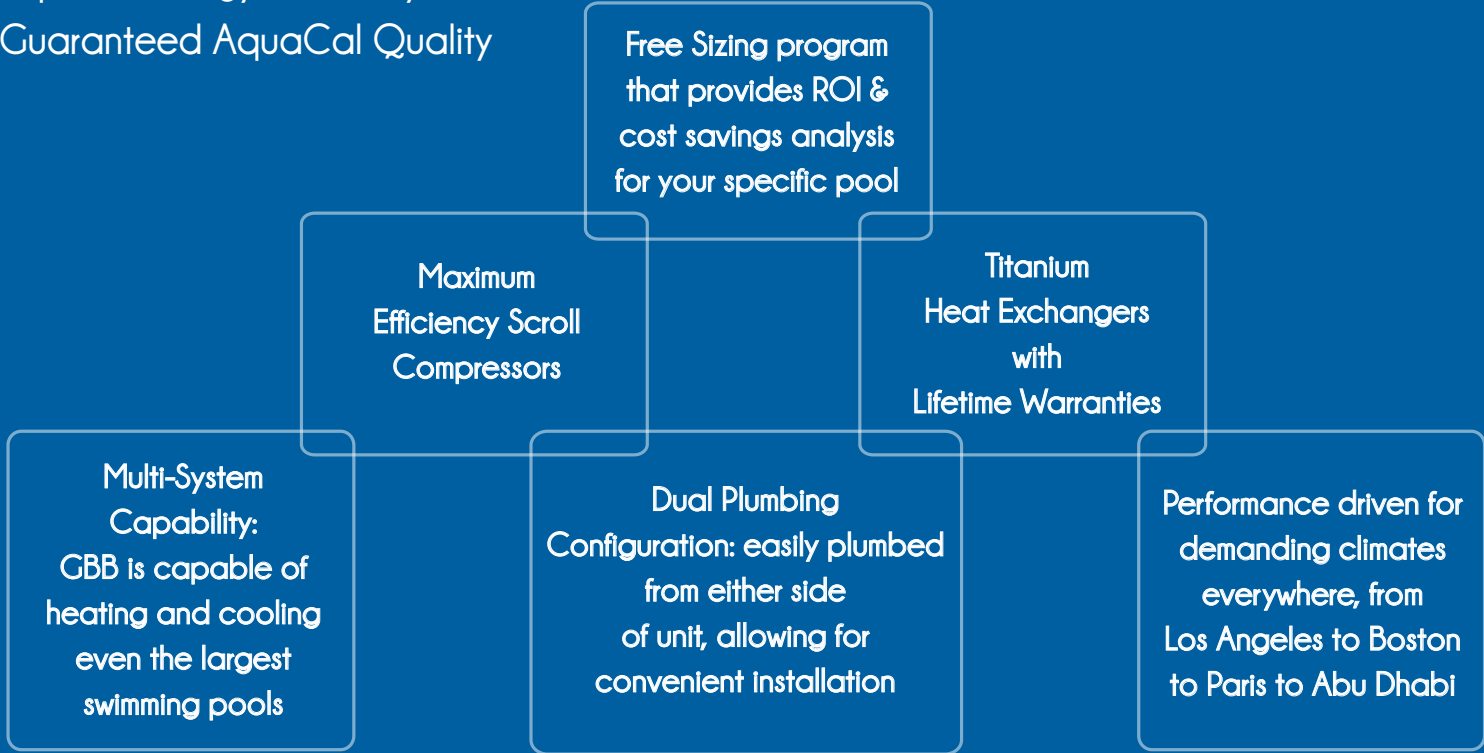
THE
COMMERCIAL
SWIMMING POOL
HEAT PUMP/CHILLER

GREAT BIG BOPPER



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Heavy Duty Design and Construction
SuperQuiet Operation
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- AquaCal has been producing quality heat pumps since 1981
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A Real Commercial Sized Heat Pump That **Heats** And **Cools** Large Commercial Pools

Up To a Half Million BTUs
in One Single Unit



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 Galvaneal steel with 7 step Powder Coat process
- Polymer condensate drain system
- Polymer coated fan and coil guards

