



Blue-Stream Services

866.939 BLUE

"THINK BLUE"

The BSS 3000... The world's largest Portable Cooling Tower

Specially designed for the rental industry, the BSS-3000 is the world's largest portable cooling tower - a "best-in-class" solution for virtually any cooling water limitation.

*The BSS 3000 is rated at 3,000 nominal tons and can be used as a single unit solution, or in multiple unit configurations to meet most any cooling water need. Each BSS 3000 portable cooling tower can process up to 10,000gpm of cooling water and provides up to **three times** the typical cooling capacity available with competing units... all in a single 'over-the-road' permitted load.*

All BSS portable cooling tower units are suitable for use in Class I, Div. II areas.

- ◇ *Planned Outages*
- ◇ *Emergency Cooling*
- ◇ *Contingency Planning*
- ◇ *Supplemental Cooling*
- ◇ *Environmental Compliance*



Benefits

- **Direct Drive Fans** – 20 direct drive fans that have unmatched reliability by eliminating the need for gear boxes, pulleys, and belts.
- **Automatic Temperature Control** – enables the ability to maintain close temperature tolerances.
- **Enclosed Fan Motors** – Prevent water penetration, extend motor life and performance.
- **Superior Components** – Stainless steel, fiberglass and PVC provide unmatched corrosion control.
- **Expandable Inlet Air Technology** allows for easy over-the-road transportation using a single tractor trailer rig.
- **Self-Leveling Capability** makes it easy to position and set up with minimal site preparation required and, in most cases, there is no need for a crane to offload the unit.
- **Continuous welds** along all basin seams prevent basin leakage, increase performance, and extend the life of the unit.

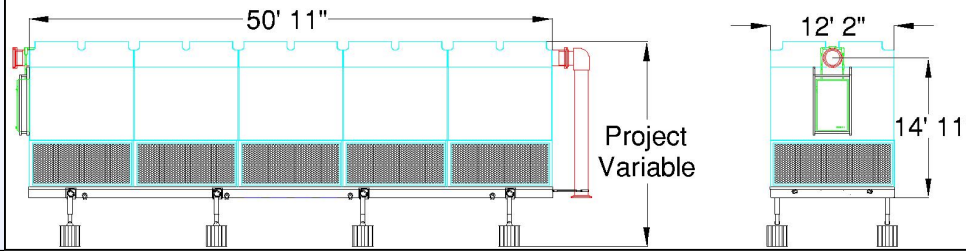
Blue-Stream Services

www.bluestreamservices.com

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New Iberia, LA ◇ Baton Rouge, LA ◇ Houston, TX ◇ Dallas, TX

BSS 3000 Portable Cooling Tower Unit Specifications



Equipment Description

Our portable cooling towers are designed and manufactured to provide the most cooling possible while maintaining easy portability. These units are completely self-contained and can be up and running within hours of arriving on the job site. If needed, portable pumping units and reservoir tanks can also be provided.

Pipe Connections

Inlet (Hot Water)	Up to 2 – 16” Diameter Flange	Make-up Water	2 – 2” Diameter Flange
Outlet (Cold Water)	Up to 7 – 12” Diameter Flange	Overflow	2 – 4” Diameter FPT/Man.
Chemical (Optional)	1 – 2” Diameter FPT/Man.		

Dimensions & Weight

Model	BSS 3000	Shipping Weight	63,000 lbs.
Length	50’ 11”	Operating Weight	87,000 lbs.
Width	12’ - 2”	Design Flow Range	5,000-10,000 GPM
Max. Height	14’ - 11”		

Electrical Information

Motors	20 – 15 HP	Total HP/F.L. Amps	300 / 390
Phase/Hz/Volts	3/60/480	Speed	1200 RPM
Enclosure	TEAO		

Materials of Construction

Basin	Steel w/ continuously welded seams, marine epoxy and urethane lining.
Structure	FRP with ultraviolet inhibitors and fire retardant additives.
Mounting Brackets	Stainless steel/FRP
Fans	Four fans per cell. Fixed blade aluminum or variable pitch FRP.
Electrical Classification	NEMA 4X-Class I, Div II capable starter panel, fittings and TEAO motors.
Water Distribution	Enclosed PVC/FRP header system with clog-resistant nozzles.
Heat Transfer Media	High efficiency/low fouling combination PVC cellular sheet.
Fill Supports	FRP structure with stainless steel support clips.

*For process applications, Btu’s/hour vary, depending on operating conditions such as wet bulb temperature, approach temperature and range. For more information, please contact Blue-Stream Services 24/7/365 at **866.939.2583**.*