



# TrilliumSeries<sup>®</sup>

Dry Cooler



*Energy savings  
for water stressed  
regions*

**HIGHEST CAPACITY DRY COOLER**

# TrilliumSeries<sup>®</sup> Dry Cooler

The TrilliumSeries<sup>®</sup> dry cooler provides energy savings for water stressed regions. It delivers the highest thermal capacity in the smallest footprint, making it the industry's most efficient dry cooler for critical cooling applications.



## HIGHEST CAPACITY\*

- **Fewer Units** for smallest footprint
- **Optimized Airflow** using CFD analysis
- **Vertical Coil Design** for superior cooling
- **Huge Copper Coil** for most efficient heat rejection



## MAXIMIZED UPTIME

- **Independent Fans, VFDs and Coils** provide redundancy for continuous operation and reduced downtime risk
- **Proven Belt-driven Baltidrive<sup>®</sup> Power Train** used in thousands of installations worldwide
- **Instant Troubleshooting** directly from the control panel



## LOW SOUND OPTIONS\*

- **Quiet Unit Operation** to meet sound ordinances for high population areas
- **Night Quiet Operation** automatically optimizes performance and sound during overnight hours
- **Whisper Quiet Fans** reduce sound by up to 13dB (optional)



## LOWEST COST INSTALLATION AND OPERATION\*

- **Higher Unit Capacity** means fewer units requiring less space, steel support, field piping and wiring
- **Factory-wired Components and Controls** with BMS communication
- **Single Point Wiring and Coil Connections on a Single End** speed installation
- **Optimized Dry Coils**, multiple coil-circuiting to minimize energy cost
- **Self-cleaning Mode** to minimize routine maintenance



# TrilliumSeries® Dry Cooler

## TECHNOLOGIES

### MULTIPLE FANS, MOTORS & DRIVES

Built-in redundancy for reliable cooling

### WHISPER QUIET FANS (OPTIONAL)

Meets local sound ordinances

### INTUITIVE & INTELLIGENT CONTROLS

Pre-programmed for fast startup and automated operation; UL certified; instant troubleshooting from the control panel

### EXTERNAL CONTROL PLATFORM

Pre-assembled, provides access to control panel HMI components

### SINGLE END COIL CONNECTIONS

Reduces installation time

### MULTIPLE COIL OPTIONS

- Optimized dry coils, multiple coil-circuiting to minimize system energy cost
- Designed for water, propylene glycol and ethylene glycol

### MOTOR REMOVAL DAVIT

To facilitate motor removal

### LARGE 6' X 2'5" ACCESS DOOR

Provides easy access for serviceability

### UPPER AND LOWER INTERNAL SERVICE PLATFORMS

Easy access to all drive components for maintenance

AVAILABLE OPTIONS  
TO MEET YOUR  
APPLICATION NEEDS:

- Whisper Quiet Fans
- Steel support installation
- Access door platform
- Coated fins for enhanced corrosion protection
- Variable horsepower options for site-specific applications

CAPACITY: UP TO 10,000 MBH\*

## AVAILABLE SIZES

Model	Fan Qty	Total HP	Installed Unit Dimensions**			
			Length	Width	Height	Operating Weight (lbs)
TDFS1238N-C60ET20B	4	80	38'-1"	11'-7"	19'-7"	49,483
TDFS1238N-C60ET25B		100				
TDFS1238N-C60ET30B		120				
TDFS1238N-C60ET35B		140				
TDFS1238N-C60ET40B		160				

\*Nominal capacity based on a 115° F EWT and 105° F LWT at a 95° F dry bulb temperature.

\*\*Unit dimensions do not include platforms or other optional accessories.

## WHY BAC?

*BAC is proud to be the world's cooling partner. Since 1938, we have been creating sustainable comfort cooling, process cooling, and refrigeration solutions for the most essential and demanding environments on earth. From pioneering cooling products to leading the industry toward a better tomorrow, BAC innovates for the future, so we can all advance together.*



*Learn more  
and contact your  
Sales Representative*

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**12** **900+**  
**MANUFACTURING** **GLOBAL**  
**FACILITIES** **PATENTS**

