

Air Cooled Condensers



Technical Systems Series 10 air cooled condensers can be rated for all refrigerants, including R22, 407c, 134a, and 410a. Fan type and performance can be configured to meet your unique sound requirements for the ultimate acoustical solution. Unlike typical products with microchannel or “enhanced” fins coils, Series 10 plate-fin coils remain fully cleanable with simple corrugated fins. This means reliability over time and reduced maintenance costs.

The 10 Series condensers offer a range of capacities far beyond typical commercial offerings, allowing fewer skids, reduced rigging costs, and smaller footprint. Multiple profile shapes give you flexibility to fit your space and budget without compromising on performance.

Product Features

- Catalogued Sizes from 1 to 18 fans
- Special sizes up to 36 fans in a single shipped piece
- Ships fully assembled without loose legs or parts to field install
- Factory installed controls for completely independent operation
- Corrosion packages with coatings and special materials
- True low ambient packages for a full -20°F rating
- Save time and costs with factory mounted receivers, liquid driers, and trim
- Integral dedicated sub-cooling circuit
- Variable speed fan options with VFD or EC control for optimal part load efficiency.
- Microprocessor options with BAS communication
- Factory testing, evacuation, and dry nitrogen charging

Fluid Coolers



Technical Systems Series FC dry fluid coolers provide unparalleled capacity range and packaging options that will reduce your total project costs. Large capacity model FC Series coolers offer industry leading acoustical solutions to meet your jobsite needs. Technical Systems offers the only dry cooler on the market with a complete and fully integrated pumping package. TSI packages do not need field labor to connect loose parts and assemble system trim.

The FC Series can provide a pre-manufactured and ready to install water side economizer system. Factory mounted valves and pre-programmed onboard controls means free cooling can be quickly and economically added to an existing system for instant energy savings, without expensive changes to the BAS or installation time.

Product Features

- Catalogued Sizes up to 330 tons with 40% glycol
- Special sizes up to 36 fans in a single shipped piece
- Multiple profile configurations for flexibility
- Ships fully assembled without loose legs or parts to field install
- Factory installed controls for completely independent operation
- Factory mounted waterside economizer valves and controls.
- Coil turbulators for greater performance with glycol
- Multiple circuiting options to reduce pressure losses
- Fully integrated pumping and hydronic packages
- Single, Dual, and Multiple pump options with integral N+1
- Variable speed fan options with VFD or EC control for optimal part load efficiency.
- Microprocessor options with BAS communication
- Factory operational testing, and hydrostatic leak test