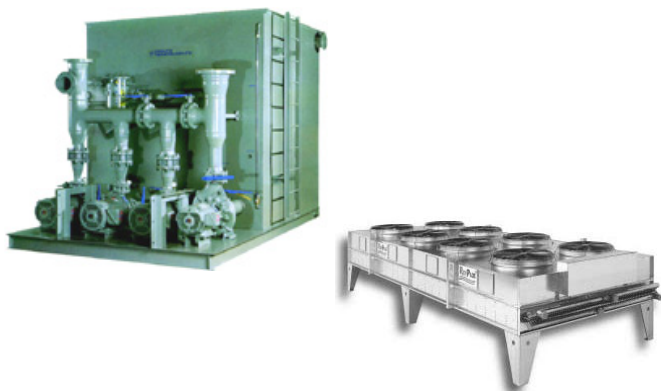




AFCS SERIES DRY TYPE FLUID COOLING SYSTEM



A COMPLETELY SEALED SYSTEM

Custom-engineered for each application, Cooling Technology's AFCS Series Dry Type Fluid Cooling System consists of our AFCS Series Dry Type Fluid Cooler along with our WT Series Pump/Tank Station and all the necessary piping and controls.

From as small as 10,000 BTUs per hour to over 6 million BTUs per hour, this system can be designed to meet virtually any heat load.

FEATURES

- **Coils** are manufactured using seamless, deoxidized, heavy wall, smooth copper tubes. They are mechanically expanded in self-spaced, full-collared aluminum corrugated plate fins for permanent bond and brazed with high-temperature brazing alloy. The coil is factory leak-tested at 400 psig. All tube sheets are provided with oversized holes and tubes are supported in sliding tracks for friction-free assembly and maximum reliability.
- **Headers** are made with seamless copper tubes and connections are made with pipe-threaded seamless red brass pipe. Headers include ½" NPT drain and vent.
- **Casings** are heavy-gauge galvanized steel G90 with plated hardware for corrosion-free assembly. The cabinet is sectionalized with individual fan chambers. The unit is a bolted construction. Coil is independent of fan section. All models include side access panels for easy coil inspection and cleaning.
- **Fan guards** and **motor mounts** are welded wire construction for full protection from moving parts. Baked on power epoxy coating provides corrosion protection.
- **Fans** are aluminum blades riveted to a steel hub. They are statically and dynamically balanced for smooth and vibration-free operation.
- **Fan Motors** feature permanently lubricated, sealed ball bearings and inherent thermal protection for long life and dependable service.
- All motors are wired to a **weather resistant box**. The unit is provided with terminal blocks for easy field installation. Terminals are clearly identified to match wiring diagram supplied with the unit. Motors are wired using flexible cord type SOW 90°C (194°F) #16 AWG and they are terminated with liquid tight straight-through fittings.

OPTIONS

- **Control panel** complete with motor contactors and fuses (per motor or per pair of motors), two to four stage aquastat, terminal block and control transformer. Primary voltage is (208-240V, 480V, 600V) and secondary voltage is (24V, 120V and 240V)
- **Hydronically sealed system**, including air separator, expansion tank and pump