



FLUID COOLING  
SYSTEMS, LLC.

## SOLUTIONS

### MODULAR CLOSED-LOOP COOLING for ROOFTOP HEAT PUMP



**Dual 50HP Pumps with 100' TDH  
Cools from 102°F to 92°F  
Enclosure and Evaporative Tower  
Air-Separator, Expansion Tank & Trim  
Chemical Shot-Feeder with Vents  
8" Welded Steel or Grooved Pipe  
Suction and Discharge Valves  
VFD Controls and UL Control Panel  
Fabricated Double-wall construction  
Module dimensions 12' x 18' x 12'  
Steel base. 3/16" diamond plate floor  
Designed for 90MPH wind-load**

The perimeter of the floor is designed to form a water dam and the corner seams are 100% welded to form a watertight floor. All supports are 100% welded for waterproofing.

Wall and roof panels are fabricated from 2" thick 26ga. steel. Seams are turned inward to provide flush exterior finish. Exterior roof panels are 2" thick. Wall and roof exterior panels wrap around wall and roof structural framework to ensure thermal break.

The perimeter members are hollow structural steel tube (HSS) and enable the installing contractor to shim the unit at 12 foot spans on site. The framework members are 3"x3"x0.188" HSS at 10-foot centers. The roof design supports all pipe. The framework is primed and finish painted.

Floor drain pans are 12"x18"x2" deep stainless steel seal welded and covered with 1"x3/16" floor grating. Drain pans are sloped to promote gravity flow to the nearest floor drain

