

# Cold Pumps



Continuous evaporative condensate management system eliminates drain tubes, buckets & wet slippery floors, under normal conditions

Digital thermostat-preset / 75°F (23°C) - Screwdriver thermostat adjustment

Flashing high temperature alarm (125°F/52°C)

Automatic reset thermal overload protection

Washable aluminum external air filter

Most components accessible by filter removal

Suction and discharge compressor access fittings

Easy-mount flanges simplify installation to a two-step, one-person job

Both 115V and 230V models available

High performance, ball-bearing blowers

UL Listed / CE approved

Maintains NEMA 12 cabinet integrity

If you're looking to solve your overheating electrical enclosures with an air conditioner, we offer a versatile line of closed-loop cabinet cooling systems. Our Cold Pump® models are sized to handle the most common BTUH requirements, with both 115v and 230v models available. These UL listed and CE approved units have rugged construction and quality components to stand up to the harshest industrial environments.



Cold Pump® Cooling Systems are thermostatically controlled, closed-loop air conditioners that use CFC-free R22 or HFC-134A refrigerants. Room air is continuously drawn through an external filter, across condenser coils (where it removes the heat drawn from the enclosure) and flows out the top external vent. The sealed enclosure remains clean and cool because internal air is cooled and dehumidified continuously as it is drawn across the evaporator coils.

MODEL NO.	CAPACITY btuh/kCal/hr.	VOLTAGE	FULL LOAD AMPS 50/60	SHIPPING WEIGHT Lbs/Kgs	OVERALL DIMENSIONS
518T 518TF	2200/554 2200/554	115 230	9.7/9.0 5.5/4.6	90/41 90/41	Height: 10.25" (260mm) Width: 17.0" (432mm) Depth: 21.02" (534mm)
518S 518SF	1800/453 1800/453	110/115 220/230	6.6/6.7 4.2/3.7	56/25 56/25	Height: 17.65" (448mm) Width: 12.0" (305mm) Depth: 8.68" (220mm)
540S 540SF	4000/1007 4000/1007	115 230	14.6/14.0 7.4/6.9	116/53 116/53	Height: 28.50" (724mm) Width: 17.0" (432mm) Depth: 11.33" (288mm)
560S 560SF	6000/1511 6000/1511	115 230	14.0/14.0 7.0/7.0	120/54 120/54	Height: 38.72" (984mm) Width: 15.0" (381mm) Depth: 11.33" (288mm)

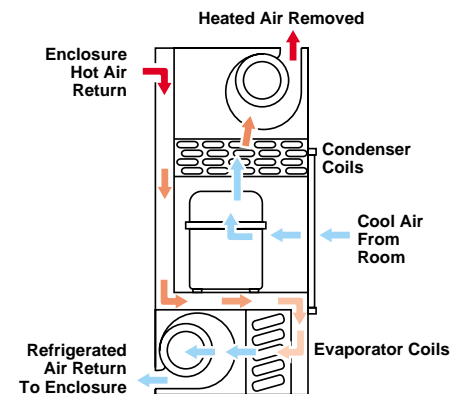
All Models: 50/60 Hz, Single Phase, Maximum Ambient Temperature: 125°F/52°C

## Applications:

ITW Vortec Cold Pumps® are a reliable air conditioning system for electrical control panels and enclosures. These units, which maintain NEMA 12 ratings, are perfect for both new installations as well as retrofitting to cabinets already in place. Top and side mount models are available with cooling capacities ranging from 1800 to 6000 BTUH. Provides effective cooling protection for heat-sensitive electronics in numerous applications.



## TECH notes



Room air is continuously drawn through an external filter, across condenser coils (where it removes heat drawn from the enclosure) and flows out the external vent. The sealed enclosure remains clean and cool because air on the inside is cooled and dehumidified continuously as it is drawn across the evaporator coils.