

# OPTI COOL

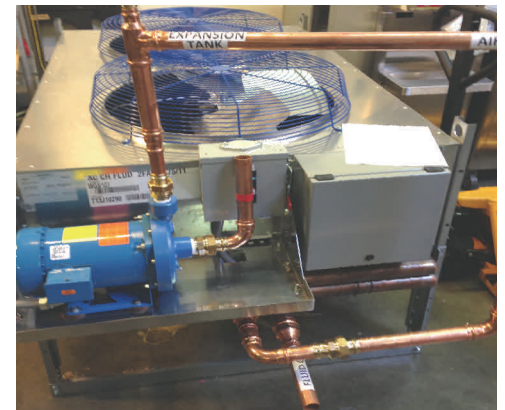
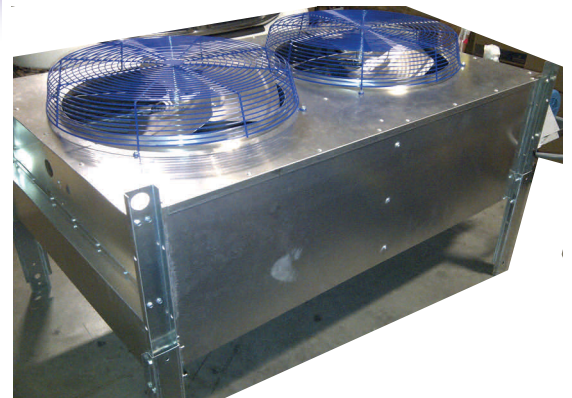
## THE INFORMED CHOICE

### CLOSED LOOP GLYCOL COOLING SYSTEM

WE ARE THE ONE STOP SOURCE THAT CAN COMBINE THE FINEST FROZEN YOGURT EQUIPMENT IN THE INDUSTRY WITH AN ECO-FRIENDLY COOLING SYSTEM FOR MULTIPLE MACHINE APPLICATIONS. OUR 30 YEARS OF EXPERIENCE WITH CLOSED LOOP COOLING EQUIPMENT WILL MAKE IT POSSIBLE FOR YOUR FROZEN YOGURT EQUIPMENT TO RUN AT PEAK EFFICIENCY AND PRODUCTIVITY OVER A WIDER RANGE OF APPLICATIONS, FOR A LONGER LIFE-CYCLE, AT A LOWER OVERALL COST, WITH LESS DOWN TIME.

#### STANDARD FEATURES

- Direct Drive 3/4 hp, 1140 R.P.M. thermal protected fan motors with lifetime bearing lubrication.
- Dual fan cycling controls for energy savings and quiet operation.
- Vertical air discharge standard with horizontal air discharge available upon request.
- Condenser fins are formed corrugated aluminum for optimum heat transfer.
- Seamless 1/2" Copper Coils are mechanically expanded for permanent fin/tube contact.
- Every complete package is leak tested at maximum operating pressure to assure that the system starts up leak free and passes plumbing inspection.
- Housings are constructed from heavy gauge galvanized steel to provide maximum rigidity and corrosion protection for longest life.
- Headers are seamless, heavy walled copper tubing no longer than 45" for maximum durability and long life.
- Each unit is internally wired for synchronized rotation and fast installation.

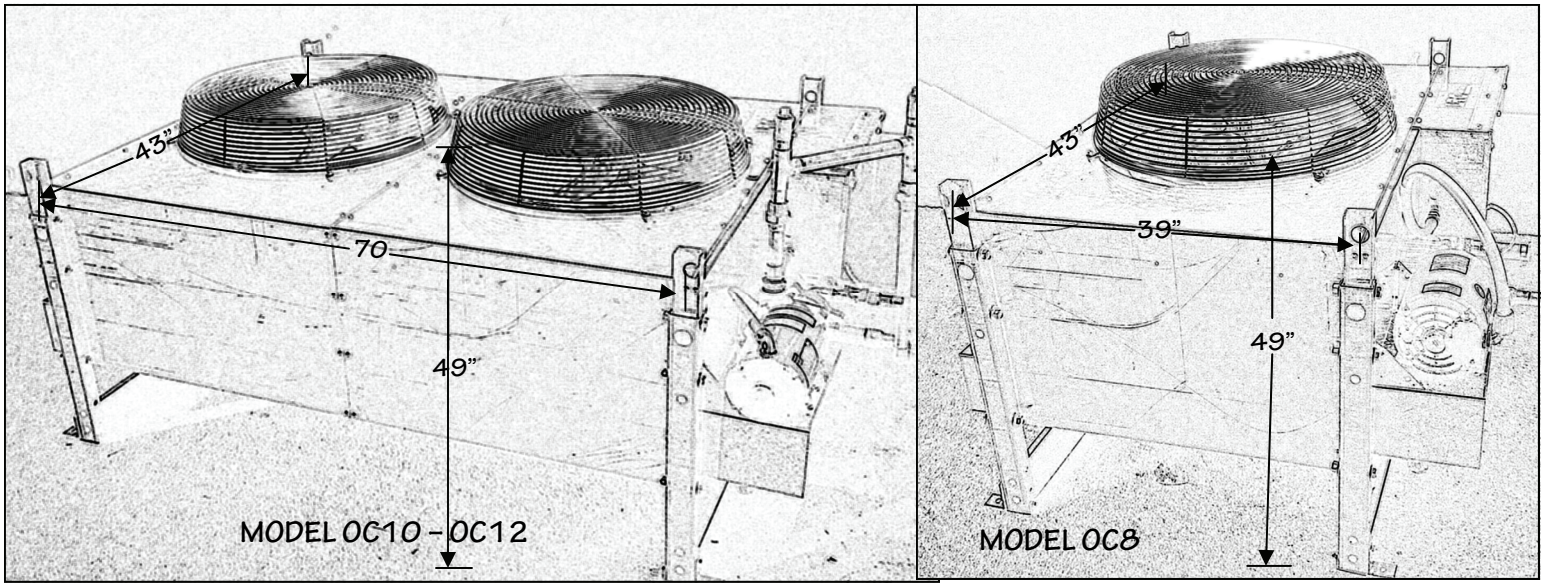


#### ADVANTAGES YOU CAN TAKE TO THE BANK

- Lighter overall weight can cut installation costs by over \$1000 by eliminating the need for additional engineering requirements and additional roof strut supports.
- Sequential fan cycling cuts down on power consumption and noise. All fans are OFF when the fluid temperature is under 72 degrees. This also reduces the possibility of freezing in cold climates.
- Solid copper and zero-lead brass piping. No rubber hoses to break and leak on the roof. No hose clamps to loosen and cause the system to go down.
- Self regulating bypass valve on the manifold allows full system circulation.
- Hydronic expansion tank keeps system under pressure and reduces frequency of having to add fluid.
- "Turbulence-Top" air bleed eliminates the need to pay a technician to have the system "bled" or "topped off." The system can be replenished with water from inside the store by store personnel.
- High efficiency package design enables unit to operate up to, and sometimes over 105° ambient, a clear advantage over other systems.
- Every package is shipped complete with a double anti-backflow device, and complete provisioning for city-water bypass in the event of a system malfunction or extremely high temperatures.

**SUPERIOR  
FREEZERS**  
**LOS ANGELES  
KANSAS CITY  
VANCOUVER  
GREATER TORONTO**  
**800.231.6635**

# OPTI-COOL GLYCOL SYSTEM PACKAGES



## STANDARD PACKAGES

### COMPLETE OC PACKAGE

Heatcraft™ WGS or Larkin PFG fluid coil  
 Independent fan cycling control(s)  
 Pre-charged Expansion tank  
 Automatic Air Bleed  
 3/4 horsepower TEFC pump  
 1-1/4" standard pipe size to stub  
 Automatic bypass valve  
 Fused Disconnect box  
 Water temperature gauge  
 System pressure gauge  
 Watts lead free anti-backflow valve  
 Main line 1-1/4" gate valves  
 All internal wiring and plumbing connections complete  
 Glycol mixture to charge system  
 Electronic system monitoring (requires Stoelting WIFI)  
 Consultation with and instructions for contractor/installer  
 1-1/4" manifold assemblies  
 Ball valves (in place of gate valves) installed on manifold  
 14 or 16 valved hose connectors installed

**OC-8:** Standard application for up to 6 single compressor machines in moderate climates.

**OC-10:** Standard application for up to 12 single compressor machines in moderate climates.

**OC-12** and larger capacity units available for high temperature or customized applications.

TOTAL AMPS	
1 PHASE	3 PHASE
9.2	6.2
MINIMUM CIRCUIT AMPACITY	
1 PHASE	3 PHASE
20	15

All prices are F.O.B. factory, shipping quote upon request

### AVAILABLE EXTRA COST OPTIONS:

8, 9 or 10 machine expansion package  
 Upgrade coil size  
 Upgrade to 1-1/2" pipe size  
 Upgrade to 2" pipe size  
 Stainless steel pump casing  
 Upgrade to 1 or 1-1/2 HP pump  
 Oversize expansion tank  
 In-line check valves for multi-story installations.  
 Automatic electronic valves (early 2015 availability)  
 Automatic electric pipe heaters for extreme cold  
 Evaporative pre-chill package  
 Refrigerated chiller package

MODEL	NOM BTU	NOM TONS	DIM lwh	Max 2HP units*	DRY WGT
OC8	116,200	9.5	39x43x49	6	345
OC10	165,000	13.75	70x43x49	12	405
OC12	196,000	16	70x43x49	16	450
OC18	252,000	21	90x43x49	20	510
OC22	291,000	24.25	90x43x49	24	560
OC27	350,000	29	90x43x49	28	610

\* Normal range of ambient conditions presumed to average 95° F or less with infrequent excursions up to 110°. For higher ambient temperature applications increase coil by at least one size and add optional pre-chill package.

All specifications subject to change without notice

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