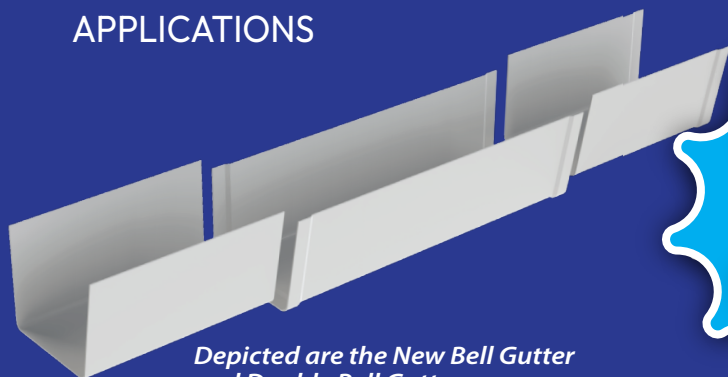


# KOOL-CEL® OSBG/CSBG

ACME EVAPORATIVE COOLING SYSTEM  
FOR LIVESTOCK AND GREENHOUSE  
APPLICATIONS



*Depicted are the New Bell Gutter  
and Double Bell Gutter*

**LOW  
COST  
DESIGN!**

Acme's Open Top Bell Gutter System (OSBG) and the Closed Top Bell Gutter System (CSBG) are constructed with stainless steel components and a water-tight PVC extruded gutter.



**NEW Bell Joint Gutter  
makes installation  
33% faster and saves  
on system cost.**

## FEATURES

- UV PROTECTED PVC GUTTER
- WATER TIGHT GUTTER SERVES AS STORAGE TANK
- PREFORMED GUTTER AND PAD TRAY - READY TO INSTALL
- USES STANDARD PVC CEMENT
- STRINGER OR GROUND MOUNT GUTTER
- THE OSBG HAS 10 FEET TO 120 FEET AVAILABLE IN 5 FEET INCREMENTS
- THE CSBG HAS 10 FEET TO 120 FEET AVAILABLE IN 1 FOOT INCREMENTS
- EXTENDED TANK, IN-LINE TANK, CORNER TANK OR CUSTOMER SUPPLIED
- NO IN-GROUND TANK REQUIRED
- ALL METAL COMPONENTS AND BRACKETS ARE STAINLESS STEEL
- OPEN TOP FOR EASY MAINTENANCE OR CLOSED TOP FOR PROTECTION FROM DEBRIS
- PADS ARE CONTINUOUS THROUGH SPLIT SYSTEM
- SEALS TO BUILDING WITHOUT ADDITIONAL FLASHING OR FURRING STRIPS

**Made in the U.S.A**



## DESCRIPTION

Acme's Evaporative Cooling System offers the optimum in installation ease and upkeep. The system's UV protected extrusions and stainless steel components offer years of trouble free operation. Since no gutter connectors are needed, simply glue the sections together and snap in the pad tray. The gutter may be mounted on the wall stringer with stainless steel brackets or set on the cement pad.

ACME offers two unique top systems with the extruded gutter: The special Open Top (OSBG) design allows for easy monitoring of water flow while the Closed Top (CSBG) offers superior protection from debris.

The sump pump (70S and smaller) is located in an extension of the gutter at one end or in the center mounted front tank. Recirculated water is supplied through an in-line filter and water flow control. A sediment trap is included to reduce trash. In addition, a bleed-off tube allows for continual refreshment of the recirculated water. Fresh water is supplied by way of a Topaz water valve. A plumbing completer kit is included in the In-Line Tank.



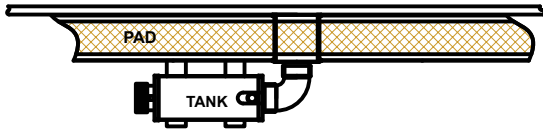
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AcmeFanGroup.com

**Est. 1938**

# IN-LINE TANK

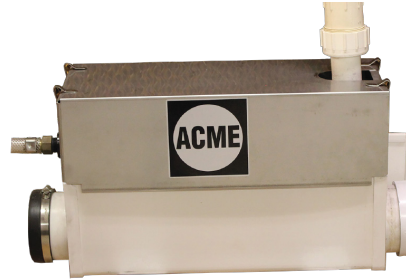
The tank offers space for the pump and float valve and has a stainless steel top designed for easy access to both. Approximately 30" length space is needed for the pump tank kit. It can be mounted at either end or in the center of the system. The kit includes all plumbing parts necessary to complete the system.

To mount the tank in the center of the system you need the optional wrap around kit shown below:



Many other tank mounting options are available.

The optional wrap around kit allows the tank to be mounted in front of the system rather than inline and does not include the tank.



# WATER IN LET VALVES



Water Inlet Float Valves are used for the automatic replacement of the water evaporated off from the KOOL-CEL<sup>®</sup> system.

Topaz float valves are commonly used for flows up to 50 gal/min at 50 PSI and are designed with a small pilot valve, which in turn operates the main float valve.

# PUMPS

## Pump Features:

- Corrosion-resistant construction
- Stainless steel motor casing, motor shaft, and fasteners
- Upper and lower heavy duty ball bearing construction
- Motor is permanently lubricated for extended service life and is powered for continuous duty
- Built-in thermal overload protection with automatic reset
- Maximum liquid temperature: 104°F (40°C)

## 20S Pump:

- 1/3 HP, 115 V (2.9 amps)
- Maximum capacity: 36 GPM
- Maximum head: 20 ft
- Power cord length: 10 feet

## 70S Specifications:

- 3/4 HP, 115 V (7.1 amps) or 230 V (3.5 amps)
- Maximum capacity: 57 GPM
- Maximum head: 34 feet TDH
- Power cord length: 20 feet



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