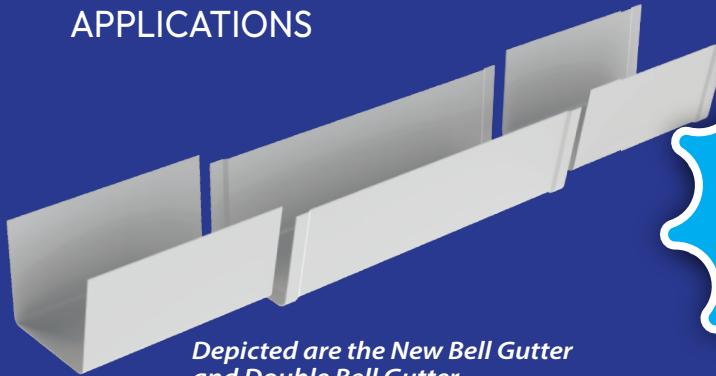


KOOL-CEL® OSBG/CSBG

ACME EVAPORATIVE COOLING SYSTEM
FOR LIVESTOCK AND GREENHOUSE
APPLICATIONS



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



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.

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

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.



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

Made in the U.S.A



ACME ENGINEERING & MANUFACTURING CORPORATION
P.O. Box 978 • Muskogee, OK 74402 • (918) 682-7791
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 INLET VALVES



Water Inlet Float Valves are used for the automatic replacement of the water evaporated off from the KOOL-CEL® 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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