

KOOL-CEL® OSEG/CSEG

**Open Stainless Steel Top
with Extruded Gutter**

**Closed Stainless Steel Top
with Extruded Gutter**

**ACME EVAPORATIVE COOLING SYSTEM
FOR 6-INCH PADS**



Acme's OSEG or CSEG provides a rugged stainless steel top and a water tight extruded gutter for evaporative cooling pads. The gutter has UV protection for use in full sunlight.

APPLICATION

- 6" HIGH-EFFICIENCY KOOL-CEL® PADS
- LIVESTOCK AND GREENHOUSE COOLING

BENEFITS

- RUGGED LONG LIFE
- EASY TO INSTALL
- EASY TO MAINTAIN

FEATURES

- UV PROTECTED GUTTER
- ALL METAL PARTS ARE STAINLESS STEEL
- WATER TIGHT GUTTER SERVES AS STORAGE TANK
- PREFORMED GUTTER - READY TO INSTALL
- STRINGER OR FLOOR GUTTER MOUNT
- 10 FEET TO 85 FEET IN 1 FOOT INCREMENTS

- HEAVY DUTY STAINLESS STEEL GUTTER MOUNTING BRACKETS
- OPEN TOP FOR EASY MAINTENANCE OR CLOSED TOP FOR PROTECTION FROM DEBRIS
- PADS ARE CONTINUOUS THROUGH SPLIT SYSTEM
- SEALS TO BUILDING WITHOUT FLASHING OR FURRING STRIPS

DESCRIPTION

The Acme OSEG or CSEG evaporative cooling system offers the optimum in installation ease and upkeep. The gutter's UV protection and the stainless steel top offers many years of trouble free operation. Just glue the sections together and snap in the pad tray. The gutter may be either mounted on the wall stringer or set on the cement pad. Wall mount uses heavy stainless steel brackets.

ACME offers two unique top systems with the extruded gutter. The special open top design allows for easy monitoring of water flow while the closed top offers superior protection from debris.

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



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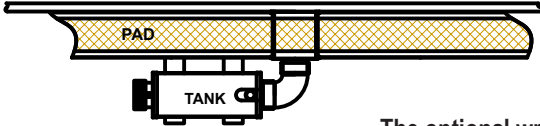
**ACME ENGINEERING &
MANUFACTURING CORP.**

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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:



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.

Rojo float valves are used for flows up to 3 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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