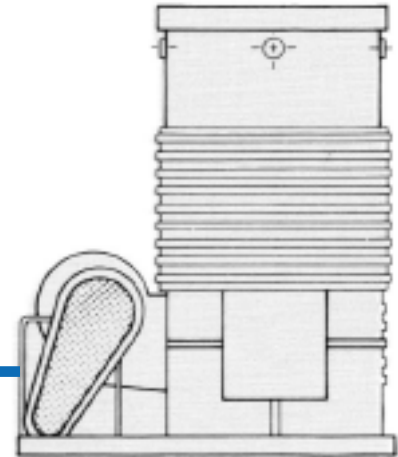




## P SERIES POLYETHYLENE COOLING TOWERS

Our 50 ton polyethylene cooling towers are lightweight, with corrosion and crack-resistant polyethylene construction. AEC cooling tower systems are used wherever a reduction of water costs and/or control of mineral precipitation associated with cooling applications is desired.



P Series Cooling Tower

### STANDARD FEATURES

- *Lightweight corrosion and crack-resistant polyethylene construction*
- *PVC header*
- *PVC honeycomb heat transfer section*
- *Steel base support structure*
- *Anti-clog ABS nozzle*
- *PVC fill and drift eliminator section with ultraviolet protection*
- *5 hp centrifugal fan with TEFC motor*
- *Balancing valve; includes butterfly valve and pressure gauge*
- *Flex connection*
- *1 year warranty on parts and labor*

### OPTIONAL FEATURES

- *460/3/60 or 230/3/60 starter package, including starter, on/off switch, thermostat, and well (consult factory for 208V or 575V)*
- *Basin reservoir, to be used where the basin of the tower serves as a reservoir. It is not necessary to purchase this package where an inside reservoir is used. The parts consist of a 0.75" automatic float valve, water outlet basket strainer, and overflow connection.*
- *Heater, used with basin reservoir option to guard against freeze-up when system is shut down. Includes heater and low water heater shut off.*
- *Factory startup, including checking motors, flow, and adjusting nozzles. Towers must be installed and connected, including all piping and electrical hookups before AEC arrives on site.*

# P SERIES POLYETHYLENE COOLING TOWERS

# HEAT AND COOL

## SPECIFICATIONS

Model	Capacity, <sup>1</sup> tons (Kcal/hr)	Fan motor, hp (kW)	Water inlet dia., in. (mm)	Water outlet dia., in. (mm)	Length, in. (cm)	Width, in. (cm)	Height, in. (cm)	Ship. weight, lbs. (kg)	Operating weight, lbs. (kg)
PS50	50 (151,200)	5 (3.73)	3 (76)	4 (102)	85 (216)	52 (132)	101 (257)	850 (386)	1250 (568)

<sup>1</sup> Capacity based upon 15,000 BTU/hr (3,024 Kcal/hr) heat rejection per ton (3,024 Kcal/hr chilled water, 3,780 Kcal/hr tower water). Flow equals 3 gpm per ton (1,563 lpm per 1,000 Kcal/hr). Entering water temperature 95°F (35°C), leaving water temperature 85°F (29°C), 78°F (26°C) ambient wet bulb. Consult factory for other requirements.

