



# Pulse~Pure™

## Water Treatment System

EVAPCO's *Pulse~Pure*™ Water Treatment System offers an environmentally responsible alternative for treating cooling water. EVAPCO's patent pending *Pulse~Pure*™ innovation utilizes pulsed-power technology to provide **chemical-free water treatment** with **no harmful by-products**. This cutting edge technology enables you to rely on one trusted supplier for your evaporative cooling equipment and associated water treatment – EVAPCO! Furthermore, your *Pulse~Pure*™ purchase includes a one year cooling water treatment monitoring program from EVAPCO's factory trained Mr. GoodTower® Service Center.



### *Pulse~Pure*™

- Controls bacteria in recirculating water to levels well below traditional chemical water treatment programs.
- Controls the formation of mineral scale—even at high cycles of concentration.
- Yields corrosion rates equivalent to typical chemical water treatment programs.
- Eliminates hazardous and toxic water treatment chemicals—not only from your blowdown and drift, but completely from your facility.
- Is backed by one of the most prestigious companies in the cooling industry—EVAPCO!

Using environmentally-responsible technology, EVAPCO and Mr. GoodTower® are revolutionizing the evaporative cooling industry by bringing water treatment, evaporative cooling equipment and quality service under a single umbrella.



Bulletin 900B

*Technology for the Future – Available Today!*

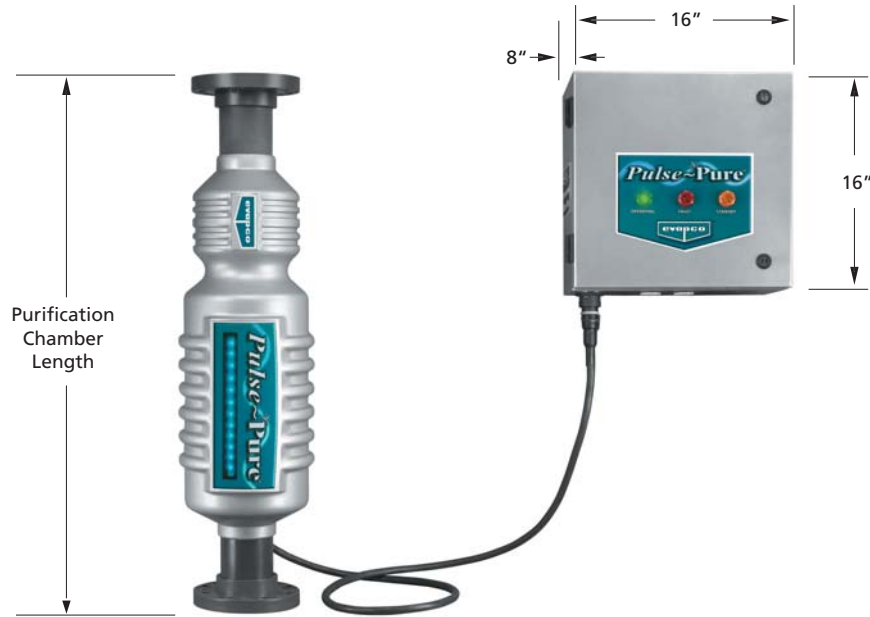


Mr. GoodTower®



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### Pulse~Pure™ Water Treatment System Engineering Data and Power Requirements

Pulse~Pure™ Model No.	Single Phase Primary Voltage	Amps@120V Amps@460V	Maximum Flow (gpm)	Field Installed Purification Chamber				Pulse Panel	
				OD (in.)	Length (in.)	Weight (lb.)	Cable Length (ft.)	120 V Weight (lb.)	460 V Weight (lb.)
P-3	120/60 Hz 460/60 Hz (opt.)	1.3 0.3	275	11-1/2	43-1/4	56	15 25 (opt.)	45	55
P-4	120/60 Hz 460/60 Hz (opt.)	1.5 0.4	475	11-1/2	43-1/4	66	15 25 (opt.)	45	55
P-6	120/60 Hz 460/60 Hz (opt.)	2.5 0.7	1,100	15	48-3/8	94	15 25 (opt.)	45	55
P-8	120/60 Hz 460/60 Hz (opt.)	4.0 1.0	1,900	15	48-3/8	120	15 25 (opt.)	50	60
P-10	120/60 Hz 460/60 Hz (opt.)	6.3 1.6	3,000	20-1/4	55-1/4	163	15 25 (opt.)	50	60
P-12	120/60 Hz 460/60 Hz (opt.)	7.5 2.0	4,200	20-1/4	55-1/4	204	15 25 (opt.)	50	60
P-14	120/60 Hz 460/60 Hz (opt.)	9.6 2.5	5,000	23	66	274	25	50	60
P-16	120/60 Hz 460/60 Hz (opt.)	11.3 2.9	6,700	23	66	340	25	50	60

**NOTES:**

- 1) Units are designed for a maximum water temperature of 130°F. Units are not designed for boiler applications.
- 2) Units are standard with 120V NEMA 4 electrical pulse panel. Optional NEMA 4X and 460V available.
- 3) Flanges ship mounted for field installation.
- 4) Pipe assembly is Schedule 80 PVC with a water-resistant purification chamber housing.
- 5) The Pulse~Pure™ Water Treatment System can be remotely started through the building management system using MODBUS protocol or control relay wired from the pump.
- 6) **Factory installed option for Pulse~Pure™ is available for most EVAPCO closed circuit coolers and evaporative condensers, except remote sump applications.**