



PT100 air-assisted & guarded rotary atomizer, hydraulic drive

The **original** Proptec™ Rotary Atomizer-with over a decade of performance in the toughest mobile environments. sprays anything that flows, reliably, predictably, & without clogging. Choice of droplet spectra allows near- fog like mists to ultra coarse spray.



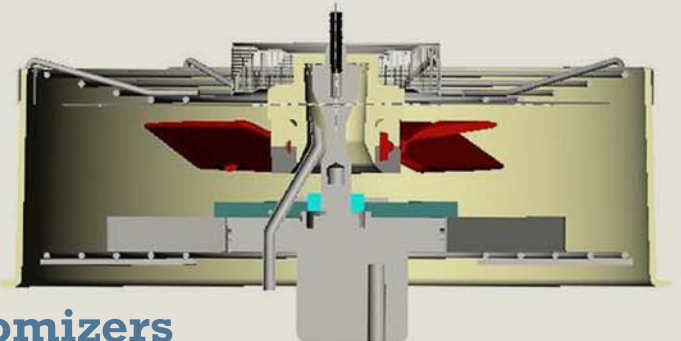
Features:

- *compact- 20" dia. by 12" deep.**
- *adjustable air volume- to 10,000 CFM (300 cmm).**
- *low/no water pressure requirements.**
- *if it can be pumped, The PT100 can spray it.**
- *atomizes ounces to 3.5 GPM (114 LPM).**
- *incredibly rugged & corrosion proof.**
- *choice of droplet spectra**
- *non-clogging, low maintenance.**
- *long service life.**

Perfect for:

- *odor control**
- *pesticide application**
- *fumigation**
- *assembly line cooling**
- *wastewater evaporation**
- *innoculation/bin piling**
- *evaporative cooling**

Cutaway shows open fluid path free of obstructions. Seal free, simple design. Your PT100 wont need much service, but when it does, it's fast and easy.



Ledebuhr Industries, Inc.

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PT100 Air-Assisted Rotary Atomizer: Specifications

- ✓ Size: 20" Diameter by 12" deep, various mounting brackets(see below).
- ✓ Hydraulic motor, 2.8cc, Ultra-high efficiency, Viton seals. 4 gallons (16 liters) per minute max flow, 2500 PSI (165 bar) max pressure. Pressure requirements will vary with blade pitch. Max input power: 6 HP. Requires case drain line. May not be plumbed in series.
- ✓ Standard operating speed: 5000 RPM. Slower speeds can be used to achieve larger droplets and less airflow.
- ✓ Fiber-composite, adjustable-pitch, replaceable blades.
- ✓ All stainless steel frame and hardware, all parts UV stabilized and chemical resistant.
- ✓ Wide range of droplet spectra possible. Atomizer performance virtually unaffected by wear. Atomizers last thousands of hours, even in severe environments.
- ✓ Ease of use: 1 to 4 bolts removes any part.
- ✓ Guaranteed parts availability, Lifetime guarantee on workmanship.
- ✓ 3/8" (10 mm) chemical infeed line.

All Proptec Atomizers are supplied with a mounting bail, complete with a 1/2" mounting hole. Boom mount brackets are optional. Choose from the following Mounting Options:

PT100-A. Straight Bail (Left). Best for downward facing applications on 2" tubes. PT100-1100 boom bracket sold separately.



PT100-B. 'L' Bail (right). Best for horizontal mounting, mobile applications, and mounting on 3 or 4" square tubing. PT100-1101 boom bracket sold separately.

Choose an atomizer basket: The 6" basket is the working part of the PT100 atomizer. A similar design is available with the 12" basket, please request literature on the PT101 Series. For specific drop size information, please ask for droplet size charts.

Choose from 3 basket styles:

Coarse mesh: (Standard) 12 mesh x .023" wire gives droplet spectra approximately 70-80 microns VMD at 5000 RPM. Highly clog resistant; durable. Soldered joints for maximum strength. Can handle up to 6 Gallons per minute flow.

Fine mesh: 30 mesh .015" wire atomizer. Best for misting/cooling/humidifying applications. Finer droplet spectra- 50-70 microns at 5000 RPMs with fewer coarse droplets. Fluid should be pre-filtered though a 50-mesh filter to avoid clogging with long-term use. Max flow 1 gallon per minute.

Severe duty: 12 mesh x .035" thick wires welded to the endplates, For situations where high heat, strong acid, or frequent impacts in-process would make a Standard basket unsuitable. Slightly larger droplet spectra, 90-110 micron at 5000 RPM. Can handle up to 6 Gallons per minute flow.

