

# APPLICATIONS PUMPS



## WATER EXTRACTION FOR LAUNDRY AND TEXTILE APPLICATIONS

File No. 204

### Section 2

**PROBLEM:**

To extract as much water as possible from fabric items such as linen, blankets, uniforms, shop towels, etc., in as short a time as possible.

**SOLUTION:**

A Ludell-Hydraxtor Extractor equipped with a CAT PUMP supplies hydrostatic pressure which squeezes excess water from fabric items.

**SPECIFICATIONS:**

CAT PUMPS Model.....	*1010
Pressure.....	400 PSI
Flow.....	12 GPM
Temperature.....	Ambient
Fluid.....	Water
Duty Cycle.....	Continuous
Drive.....	5 H.P. Electric

\*Alternate CAT PUMP model 1050 plunger pump.

**BENEFITS:**

- Reduces dry time up to 47% and significantly cut energy costs.
- Shortened dry cycle and drastically reduced shrinkage.
- Extracts more water than previous system.
- Continuous-duty, low maintenance CAT PUMP eliminates costly downtime.

**OPERATION:**

Industrial and institutional launderers and textile manufacturers have a need to remove excess water from washed fabric to reduce the dry time and energy costs.

At this blanket manufacturer, the washed blankets are placed into a sling which is lowered into a heavy-duty rubber diaphragm in the extractor tub.

The cover securely locks and the CAT PUMP unit automatically pumps 400 PSI of water into the tub to compress the diaphragm and extract the excess water from the blankets. It takes two minutes to bring the system to full pressure and up to 30 minutes to do a complete water extraction.



*“Customer confidence is our greatest asset”*

Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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*The Pump with "Nine Lives"*

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