

**PITBULL®**  
CAN SOLVE YOUR TOUGHEST  
CONDENSATE RETURN PROBLEMS

**Problem:** Impellers, diaphragms & seals fail due to abrasives, corrosives, running dry, high temperatures or cavitation!

**Solution:** Use a PITBULL® which:

- ◆ has a low internal velocity to dramatically reduce wear from abrasives
- ◆ is immune from cavitation
- ◆ has a temperature limit of up to 400°F

**Problem:** Sumps act as clarifiers! Conventional pumps sit idle while the sump fills to a high level “on” point which allows solids to settle in the “quiet” water, resulting in blinded pumps & filled sumps.

**Solution:** Use a PITBULL® which:

- ◆ will automatically match the incoming flow, won't wait for a high sump level
- ◆ will automatically pump at low flows
- ◆ will pass large chunks even at low flows or high heads
- ◆ has full pipe sized passages and full port check valves to pass debris from long and stringy to large and hard, debris that would plug other pumps
- ◆ uses a cyclic pumping action to reduce solids settling

To learn more about the unique design of the **PITBULL®** visit us at

[www.pitbullpumps.com](http://www.pitbullpumps.com)

where you can:

- See a video of the PITBULL® in action
  - View or download manuals
- View or download specification sheets
  - Submit applications for review



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Innovation Through Simplicity  
since 1990



**CHICAGO INDUSTRIAL PUMP COMPANY**

**DO HOT CONDENSATE PUMP REPAIRS HAVE YOU IN THE DOGHOUSE?**

**THE PITBULL®**  
eliminates the parts that cause failures:

**NO FLOATS**

**NO SPRINGS**

**NO OVER-CENTER DEVICES**

**NO VALVE MECHANISMS**

**NONE OF THE PROBLEM PARTS OF OTHER CONDENSATE RETURN PUMPS**

**NO ELECTRICITY**  
**SAFE FOR HAZARDOUS & EXPLOSIVE ENVIRONMENTS**



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**1-888-4PITBULL**

## THE PUMP OF CHOICE

FOR HOT CONDENSATE RETURNS AT  
FACILITY UTILITIES - UNIVERSITIES  
GOVERNMENT BUILDINGS - HOSPITALS

### POWER PLANTS

Anywhere that handles hot condensate or  
high temperature sump conditions.

THE C-SERIES PITBULL® IS CONFIGURED  
WITH HOT CONDENSATE IN MIND:

- ◆ Hi-temp EPDM check valve seats in the pump
- ◆ Hi-temp Teflon seals, seats & more in the control panel components.
- ◆ EPDM Hoses
- ◆ Temperature limit of up to 400°F



## **CAN YOUR PUMP, PUMP THIS? FOR HOW LONG?**

CORROSIVES	STICKY SOLIDS
HOT CONDENSATE	STRINGY SOLIDS
SOLIDS & TRASH	ABRASIVES

THE **PITBULL®** PUMPS THIS AND  
KEEPS PUMPING LONG AFTER OTHER  
PUMPS HAVE FAILED!

## COMPARE THE **PITBULL®** TO SEE WHY IT BEATS OTHER PRESSURE-POWERED & CENTRIFUGAL CONDENSATE PUMPS FOR PERFORMANCE AND RELIABILITY

### **PITBULL® CONDENSATE PUMPS**



#### NO FLOATS TO FAIL

#### NO OVER-CENTER DEVICES & NO SPRINGS

Controls are completely separate from  
the pump and can be serviced or  
swapped without handling the hot pump

#### NO VALVING & WIDE OPEN FULL PIPE SIZE PASSAGES & FULL PORT CHECK VALVES

in the pump to pass debris.  
(A 2" pump passes 2" solids, a 3" pump passes 3"  
solids, a 4" pump passes 3.75" solids.)

#### IMMUNE TO CAVITATION

#### NO LEVEL CONTROLS TO FAIL

#### NO SEALS TO FAIL

#### NO MOTOR TO FAIL

### PRESSURE-POWERED CONDENSATE PUMPS



*Such as: Sarco, Armstrong, Johnson and Gestra*

#### FLOATS HANG UP

#### SPRING- LOADED OVER-CENTER DEVICES

are prone to significant maintenance. Service of valving  
or over-center device requires the extraction of the  
float/over-center assembly. Often difficult & dangerous  
due to the hot pump & condensate.

#### VALVING

inside pressure powered pumps is  
relatively small compared to the **PITBULL®**, their  
small passageways limit flow capacity and require  
greater fill heads to achieve comparable flows.

### CENTRIFUGAL PUMPS

#### PRONE TO CAVITATION

which causes premature failure of centrifugal pumps.

#### LEVEL CONTROLS FAIL

due to the hot steamy environment

#### SEALS FAIL

#### SUBMERSED MOTORS FAIL FROM HEAT

**PITBULL®** Condensate Return  
Pumps are designed for direct  
connection to a flash tank or receiver  
and may also be used for submersed  
high temperature sump applications

Note: Flash tanks  
and isolation valves  
are not supplied,  
drawing for reference only

