



An Ingersoll Rand Business

RETAIL REFRIGERATED DISPLAY CASE CONDENSATE PUMPS

PROACTIVE AI DIAGNOSTIC ALARM TECHNOLOGY

AI technology built into Hartell's new condensate pumps for retail refrigerated display cases offers proactive advance notice of potential system failure through instant non-intrusive visual and audible alarm notifications. These notifications provide instant fault diagnosis to help prevent water damage and system downtime.

Diagnostic Alerts:

- Discharge Line Partially Restriction Fault
- Discharge Line Fully Restricted Fault
- Discharge Line Open Fault
- Installation Fault
- Pump unable to handle discharge length / condensate production
- Pump Motor Failing or Faulty
- System Maintenance Monitor

No specialist commissioning or training for installation is required as Hartell's AI technology is self-calibrating and the maintenance monitor ensures the pumps are regularly maintained.

Available in two models:

> **Vertical Model: HDP-AI-V1**

(tank size of 2 gal/7.8 l) H: 5.91 in. (150mm),
L: 18 in. (460mm), W: 4.72 in. (120mm)

> **Low Profile Model: HDP-AI-H1**

(low profile of 2.44 in. tank size of 1 gal/4 l)
H: 5.91 in. (150mm), L: 18 in. (460mm),
W: 4.72 in. (120mm)

- 115 ft. (35m) pumping head
- 21 gal/hr (80 l/hr) flow rate
- BMS interface via volt-freeN/C-N/O contacts
- Built-in non-intrusive audible alarm
- Self-calibrating pump monitoring system using Hartell's AI
- Optional multifunctional remote visual indicator
- Input Voltage: 115V or 230V 50/60hz +/- 10%
- Inlet Connection: 2 in. (50mm) ID
- Outlet Connection: 1/2 in. (14mm) OD

