

HDP-AI-X

The non-intrusive audible alarm highlights any alarm status, without causing major disruption, while the multi-function visual indicator provides instant diagnostics for the maintenance engineer with a quick and easy diagnostic of the status of the system. Potential alerts include:

- ▶ Pumping head too high for capacity of the pump
- ▶ Pump motor mechanical failure
- ▶ Discharge hose restriction or failure
- ▶ Pump inlet restriction
- ▶ Maintenance monitoring system
- ▶ System installation/environment changes
- ▶ 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 Requires Maintenance

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.



Key Features:

- ▶ Two available models:
 - » Vertical Model: HDP-AI-V1 (tank size of 2 gal/7.8 l)
 - » Low Profile Model: HDP-AI-H1 (low profile of 2.44 in. height/62 mm, tank size of 1 gal/4 l)
- ▶ 115 ft. (35m) pumping head
- ▶ 21 gal/hr (80 l/hr) flow rate
- ▶ BMS interface via volt-free N/C-N/O contacts
- ▶ Built-in non-intrusive audible alarm
- ▶ Self-calibrating pump monitoring system using Hartell's AI
- ▶ Optional multifunction remote visual indicator
- ▶ Input Voltage: 115V or 230V 50/60hz +/- 10%
- ▶ Inlet Connection: 2 in. (50mm) ID
- ▶ Outlet Connection: 1/2 in. (14mm) OD

Lift/Feet	0'	32.8'	65.6'	98.4'	115'
Lift/Meters	0	10	20	30	35
Horizontal Run 3'/1m	21.1 gal/hr (80 l/hr)	9.5 gal/hr (36 l/hr)	6.0 gal/hr (23 l/hr)	4.2 gal/hr (16 l/hr)	
Horizontal Run 32.8'/10m	17.9 gal/hr (68 l/hr)	7.9 gal/hr (30 l/hr)	5.16 gal/hr (19.5 l/hr)	3.59 gal/hr (13.6 l/hr)	
Horizontal Run 65.6'/20m	15.2 gal/hr (57.8 l/hr)	6.7 gal/hr (25.5 l/hr)	4.38 gal/hr (16.6 l/hr)	3.0 gal/hr (11.5 l/hr)	
Horizontal Run 98.4'/30m	13 gal/hr (49.1 l/hr)	5.7 gal/hr (21.7 l/hr)	3.72 gal/hr (14.1 l/hr)	2.6 gal/hr (9.8 l/hr)	