

THE NEXT GENERATION OF SMART CONDENSATE PUMPS

- 2.5" Low Profile suitable for under cabinet installation.
- Intelligent fault diagnostics preventing potential constant flooding.
- Built-in Audio-Visual Alarm for instant local fault diagnosis.
- 105ft Pumping Head and up to 300ft Horizontal Run .
- Reduces bacteria growth & blockages associated with standard gravity feed installations.
- Food Grade Robust Stainless Steel Construction with built-in non-removable debris filter.



Model Numbers	Part#.	Description
HDP-AI-H1-115-60	805010	115v 60Hz Horizontal Version
HDP-KIT-1-115-60	805014	Replacement PCB/Pump Kit
HDP-AI-H1-230-60	805011	230v 60Hz Horizontal Version
HDP-KIT-2-230-60	805015	Replacement PCB/Pump Kit



Model Numbers	Part#.	Description
HDP-AI-V1-115-60	805012	115v 60Hz Vertical Version
HDP-KIT-1-115-60	805014	Replacement PCB/Pump Kit
HDP-AI-V1-230-60	805013	230v 60Hz Vertical Version
HDP-KIT-2-230-60	805015	Replacement PCB/Pump Kit

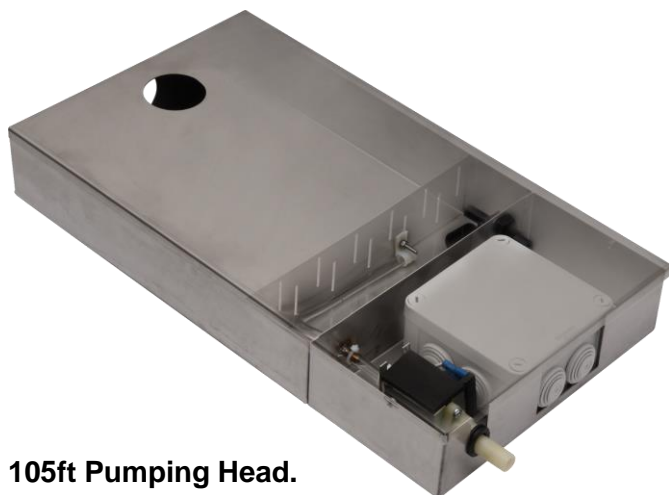


RETAIL REFRIGERATION CONDENSATE PUMPS



HDP-Ai-H1

Height:3", Length:18", Width:10"



HDP-Ai-V1

Height:6", Length:18", Width:5"



- 105ft Pumping Head.
- 21 G/hr Flow rate
- 1-Gal(H1), 2-Gal(V1) Reservoir Capacity
- Welded Metal Debris Filter.
- Intelligent Ai Pro-active Alarm System.
- Multi-Function Non-intrusive Audio/Visual alarm, providing instant fault diagnostics.
- Volt-free BMS Contacts.
- Optional Remote Visual Indicator.

LIFT / FEET	0'	32.8'	65.6'	98.4'	115'
LIFT / METERS	0m	10m	20m	30m	35m
HORIZONTAL RUN 3'/1m	80.0 GPH - 21.1 Gall/Hr	26.0 GPH - 6.9 Gall/Hr	23.0 GPH - 6.0 Gall/Hr	16.0 GPH - 4.2 Gall/Hr	
HORIZONTAL RUN 32.8'/10m	68.0 GPH - 17.9 Gall/Hr	38.0 GPH - 9.9 Gall/Hr	19.0 GPH - 5.0 Gall/Hr	13.0 GPH - 3.5 Gall/Hr	
HORIZONTAL RUN 65.6'/20m	57.0 GPH - 15.2 Gall/Hr	25.0 GPH - 6.7 Gall/Hr	16.0 GPH - 4.2 Gall/Hr	11.0 GPH - 2.9 Gall/Hr	
HORIZONTAL RUN 98.4'/30m	48.0 GPH - 12.6 Gall/Hr	21.0 GPH - 5.5 Gall/Hr	14.0 GPH - 3.7 Gall/Hr	9.0 GPH - 2.4 Gall/Hr	

Hartell Ai Alarm Technology

Hartell's Ai alarm technology built into our retail refrigeration pumps can provide pro-active advance notice of potential failure and instant alarm notification that could prevent water damage and system down time.

No special setup or commissioning is required, the units self calibrate over a number of cycles and set the ideal alarm parameters depending on the installation and the equipment they are being used with.

The HDP-Ai pro-active alarm system comes with a multi-function audio-visual indicator and optional remote visual indicator, that can provide instant fault diagnosis.

- 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.

Volt-free alarm contacts are available as standard, to enable connection to a building management system for central monitoring.

Unique OEM versions can be produced upon request, subject to minimum order quantity.



MODEL No	Rated	Evap Rate	Daily	Annual		Annual Cost
SUPPLIER 1	Wattage	Gal/Day	Cost	Running Cost		Per Gal/Day
Model 1	160	1.5	\$0.28	\$103.37		\$68.91
Model 2	320	2.62	\$0.49	\$180.55		\$68.91

MODEL No	Rated	Evap Rate	Daily	Annual	30%	Annual Cost	Annual Cost
SUPPLIER 2	Wattage	Gal/Day	Cost	Running Cost	Warm Up	Per Gal/Day	Per Gal/Day +30%
Model 1	400	3.5	\$0.66	\$241.19	\$313.55	\$68.91	\$89.59
Model 2	800	6.6	\$1.25	\$454.82	\$591.26	\$68.91	\$89.59
Model 3	1000	8.34	\$1.57	\$574.73	\$747.14	\$68.91	\$89.59
Model 4	1440	12	\$2.27	\$826.94	\$1,075.03	\$68.91	\$89.59
Model 5	1500	12.5	\$2.36	\$861.40	\$1,119.82	\$68.91	\$89.59

MODEL No	Rated	Evap Rate	Daily	Annual	30%	Annual Cost	Annual Cost
Supplier 3	Wattage	Gal/Day	Cost	Running Cost	Warm Up	Per Gal/Day	Per Gal/Day +30%
Model 1	200	1.5	\$0.28	\$103.37	\$134.38	\$68.91	\$89.59
Model 2	400	3.5	\$0.66	\$241.19	\$313.55	\$68.91	\$89.59
Model 3	800	6	\$1.13	\$413.47	\$537.51	\$68.91	\$89.59
Model 4	1000	8	\$1.51	\$551.30	\$716.68	\$68.91	\$89.59
Model 5	1500	12	\$2.27	\$826.94	\$1,075.03	\$68.91	\$89.59
Model 6	3000	24	\$4.53	\$1,653.89	\$2,150.05	\$68.91	\$89.59

MODEL No	Rated	Evap Rate	Daily	Annual	30%	Annual Cost	Annual Cost
Supplier 4	Wattage	Gal/Day	Cost	Running Cost	Warm Up	Per Gal/Day	Per Gal/Day +30%
Model 1	400	3.5	\$0.66	\$241.19	\$313.55	\$68.91	\$89.59
Model 2	500	4.25	\$0.80	\$292.88	\$380.74	\$68.91	\$89.59
Model 3	800	6.75	\$1.27	\$465.16	\$604.70	\$68.91	\$89.59
Model 4	1000	8.5	\$1.60	\$585.75	\$761.48	\$68.91	\$89.59
Model 5	1500	12.5	\$2.36	\$861.40	\$1,119.82	\$68.91	\$89.59
Model 6	2000	16.75	\$3.16	\$1,154.28	\$1,500.56	\$68.91	\$89.59
Model 7	2400	20	\$3.78	\$1,378.24	\$1,791.71	\$68.91	\$89.59
Model 8	3000	25	\$4.72	\$1,722.80	\$2,239.64	\$68.91	\$89.59

	Max	Duty	Daily	Annual
HARTELL	Wattage	@ 10 Gal/Day	Cost	Running Cost
HDP-Ai-XX ON	30	1.2	\$0.03	\$10.60
HDP-Ai-XX STANDBY	5	5.21		
		Total		