

Enjoy Life

Our Pumps Help To Make Life Enjoyable



Industrial • Commercial • Residential

PUMPS



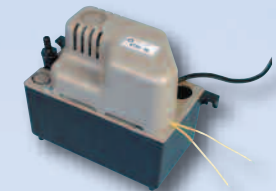
OUR PUMPS MOVE WATER
Effectively • Quietly • Efficiently

For more than 50 years, Hartell has been supplying a full line of innovative, high quality Condensate, Wastewater, Ice Machine and General Purpose pumps and accessories to the HVAC, Plumbing and Refrigeration industries. We design our pumps for fast and easy installation by our Contractor Customers. We make it easy for you to get in, get out, and get on with your next job! Our objective is to provide a product that is easy to install, trouble-free to maintain and that eliminates the annoying callbacks.

Hartell makes life easier for our Wholesale Customers too. With short lead times and fast delivery on the products you need, we keep your inventories low. We support your efforts both from the factory and through our network of independent sales representatives.

Call your Hartell representative today, visit our website (www.hartell.com) or contact us direct. Together we'll set up a winning program for you and your customers!

 **Hartell**
MILTON ROY



Enjoy Life

Our Pumps Help To Make Life Enjoyable

Condensate Pumps2-11

Residential Grade2-5

Commercial Grade6-10

Accessories11

**Waste Water Drain/
Laundry Tray Pumps12-15**

Reservoir Pumps14

Direct Mount Pumps15

Ice Machine Pumps16-21

**Direct OEM
Replacement16-20**

Accessories21



CONDENSATE PUMPS RESIDENTIAL GRADE



Application of Condensate Pumps

Normal operation of central air conditioning units, gas condensing furnaces, humidifiers, and de-humidifiers, will produce condensate at varying rates, which are proportional to the size and the number of units used in any application.

Whenever gravity drainage is not practical, the condensate drain lines are routed into the inlet ports of the condensate pump. These pumps are, typically, equipped to connect with 3/8" ID flexible vinyl tubing. The pump directs the wastewater to the main sewage drain line, floor drain, French drain or in some cases, a laundry or utility sink.

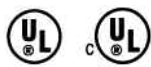
Hartell condensate pumps are perfect for use as wastewater drain pumps for a wide variety of appliances such as humidifiers, icemakers, beverage dispensers, drinking fountains, water coolers and dehumidifiers.

Pump Selection and Sizing

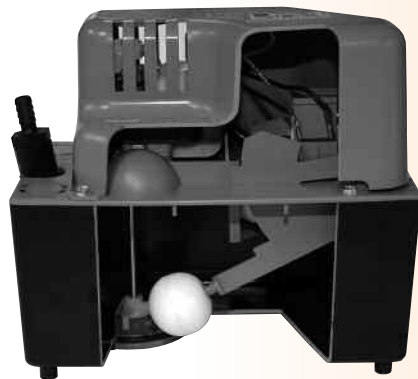
When selecting a pump, you must first consider the source of the condensate. For example, a five-ton air conditioning unit produces approximately one gallon of condensate per hour. To be safe, the output flow of the pump should be at least double the input rate from the appliance. Check your equipment service manual if you're not sure about the amount of condensate produced.

Many condensate pumps are available with a secondary safety switch. These switches are passive and are designed to interrupt power to the appliance that is producing the condensate in the event of a pump failure, clogged drain line, or loss of power to the pump. We strongly recommend that all pumps utilize a secondary safety switch especially when they are installed in an area where water damage to surrounding surfaces is a concern such as attics, utility closets, finished basements, ceiling mounts, etc.

KT3...As Reliable As You Are!



Easy Installation
Easy Maintenance
Trusted Reliability



3 Inlets

**3
YEAR
WARRANTY**

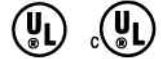
*Designed
for
quality
and
reliability.*

KT3 Series Pumps

The KT3 uses a double splash protected motor with more starting torque than a standard motor. An innovative cam-action switch/float assembly allows a "drink" nearly twice the standard volume without increasing outside dimensions. An integral, full-flow check valve virtually eliminates blocked pump discharge. The KT3 series pumps now have 3 top inlets adding installation flexibility.



- Three-quart plastic reservoir
- Thermally protected 115 or 230 VAC 3,000 rpm motor with stainless steel shaft
- 18.5 ft maximum lift
- Suitable for gas condensing furnace application
- Inlets: 2 Capped 1-1/8", 1 Open 1-3/8"
- Outlet: Barbed for 3/8" ID tubing
- Factory installed full-flow check valve
- 6 foot power cord and molded plug
- Available with auxiliary safety switch
- Available with 20' of 3/8" vinyl tubing



MODEL	PART NO.	MOTOR		Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gal./Hour@ Lift of				Shut off
		VAC	Amps				W	D	H	6'	12'	18'	20'	
KT3		18.5 Foot Head - 3 Qt. Reservoir - Max. Temperature 110°												
KT3-1UL	801217	115	1.7	N	N	5.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3-1ULT	801131	115	1.7	N	Y	6.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3X-1UL	801218	115	1.7	Y	N	5.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3X-1ULT	801132	115	1.7	Y	Y	6.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3-2UL	801219	230	0.8	N	N	5.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3-2ULT	801215	230	0.8	N	Y	6.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3X-2UL	801220	230	0.8	Y	N	5.0	9.25*	5.50	8.5	155	120	50	-	18.5'
KT3X-2ULT	801216	230	0.8	Y	Y	6.0	9.25*	5.50	8.5	155	120	50	-	18.5'*

Width at mounting is 11.25"

KT-15 Series Pumps

The KT-15 will provide years of trouble free service. A high impact, corrosion resistant ABS plastic reservoir, combined with a stainless steel motor shaft, makes this pump ideal for gas condensing furnace application.



- Three-quart plastic reservoir
- Thermally protected 115 or 230 VAC 3,000 rpm motor with stainless steel shaft
- 15 ft maximum lift
- Suitable for gas condensing furnace application
- Inlets: 1 Capped 1" and 1 open 1-3/8", Outlet: Barbed for 3/8" ID tubing
- Full-flow check valve included
- 6 foot power cord and molded plug
- Available with auxiliary safety switch
- Available with 20' of 3/8" vinyl tubing



MODEL	PART NO.	MOTOR		Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gal./Hour@ Lift of				Shut off
		VAC	Amps				W	D	H	6'	12'	18'	20'	
KT-15		15 Foot Head - 3 Qt. Reservoir - Max. Temperature 110° F												
KT-15-1UL	801035	115	1.3	N	N	5.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15-1ULT	801037	115	1.3	N	Y	6.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15X-1UL	801036	115	1.3	Y	N	5.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15X-1ULT	801038	115	1.3	Y	Y	6.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15-2UL	801031	230	0.9	N	N	5.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15-2ULT	801033	230	0.9	N	Y	6.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15X-2UL	801032	230	0.9	Y	N	5.0	9.25	5.50	8.25	118	68	-	-	15'
KT-15X-2ULT	801034	230	0.9	Y	Y	6.0	9.25	5.50	8.25	118	68	-	-	15'

Width at mounting is 11.25"

CONDENSATE PUMPS RESIDENTIAL GRADE



NANO-Mini-Split Pumps

Hartell's Mini-Split Condensate Pump is designed for installations where space is limited. The ultra slim profile makes it ideal for air conditioning systems rated up to 50,000 BTU.

The reservoir/sensor fits inside of the air conditioning unit, while the pump can be mounted in a variety of locations, unobtrusive to indoor living space.

The Mini-Split is available in 115V (Model NANO-13X-1) or 230V (Model NANO-13X-2) and comes complete with low voltage alarm contacts and is designed for systems up to 24,000 BTU.

Hartell's NANO-20X-1 & NANO-20X-2 are larger capacity pumps with extra lift and pumping capacity, designed for ductless split systems from 24,000 to 50,000 BTU.



- For ductless (wall mounted) air-conditioning systems
- Ultra low profile: 1-1/4"
- Led diagnostics
- Low voltage safety switch
- Thermal overload protection
- 6.5 ft suction lift (NANO-13) 13 ft suction lift (NANO-20)
- 13 ft discharge lift (NANO-13) 27 ft discharge lift (NANO-20)
- 32 ft horizontal run (@ 3' lift)
- Suitable for equipment with cooling capacities up to 50,000 BTU (MS-20*)
- Auxiliary switch contacts rated to 5 amp



MODEL	PART NO.	MOTOR		AUX Switch	20' Tubing	WT (lbs)	Dimensions (in.)		
		hp @ rpm	VAC				W	D	H
NANO-13		13 Foot Head @ 2.2 Gal./Hr – Max. Temperature 140° F							
NANO-13X-1	861009	–	115	Y	N sensor only–	1.0	2.60 2.36	1.00 1.58	1.26 1.38
NANO-13X-2	861010	–	230	Y	N sensor only–	1.0	2.36	1.58	1.38
NANO-20		27 Foot Head @ 4.2 Gal./Hr – Max. Temperature 140° F							
NANO-20X-1	861013	–	115	Y	N sensor only–	1.0	5.16 2.36	1.58 1.58	1.38 1.38
NANO-20X-2	861014	–	230	Y	N sensor only–	1.0	5.16 2.36	1.58 1.58	1.38 1.38

* NANO-20 pumps are suitable for AC equipment up to 50,000 BTU's at lifts to 12 feet, or 30,000 BTU's at lifts to 27 feet.



KL-20 Series Pumps

When a low profile pump is required, the KL-20 is the pump of choice. The KL-20 has a high impact, corrosion resistant, ABS plastic, slim line reservoir with built in check valve.



- ABS plastic slim line reservoir; inlet 1-3/4" high
- Thermally protected 115 or 230 VAC 3,000 rpm motor with 300 series stainless steel shaft
- 2 Inlets (1" & 1-3/8"), height 1-3/4" ideal for gas condensing furnaces or appliances with low condensate drains
- Built-in full flow check valve for barbed 3/8" ID plastic tubing
- 6' power cord with molded plug (nema 5-15p or 6-15p)
- 18 ft maximum lift
- Available with auxiliary safety switch
- Available with 20' of 3/8" vinyl tubing

**1
YEAR
WARRANTY**

MODEL	PART NO.	MOTOR		Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gal./Hour@ Lift of				Shut off
		VAC	Amps				W	D	H	6'	12'	18'	20'	
KL-20 18 Foot Head – 1Qt. Low Profile Plastic Reservoir – Max. Temperature 110° F										6'	12'	18'	20'	
KL-20-1UL	801054	115	1.7	N	N	5.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20-1ULT	801062	115	1.7	N	Y	6.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20X-1UL	801055	115	1.7	Y	N	5.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20X-1ULT	801063	115	1.7	Y	Y	6.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20-2UL	801056	230	0.9	N	N	5.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20-2ULT	801064	230	0.9	N	Y	6.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20X-2UL	801057	230	0.9	Y	N	5.0	9.25*	5.50	5.25	55	38	-	-	18'
KL-20X-2ULT	801065	230	0.9	Y	Y	6.0	9.25*	5.50	5.25	55	38	-	-	18'

*Width at mounting 11.25".

PAB3 Series Pumps

The PAB is the ideal pump for applications requiring higher lift and greater capacity. The PAB3 has an integral full-flow check valve and a high torque motor.



- Four-quart plastic reservoir
- Thermally protected 115 or 230 VAC 3,000 rpm motor with stainless steel shaft
- 22 maximum lift
- Suitable for gas condensing furnace applications
- Inlets: 1-1/8" and 1-3/8", 3/4" FNPT at base available;
Outlet: barbed 3/8" ID tubing
- Factory installed full-flow check valve
- 6 foot power cord and molded plug
- Available with auxiliary safety switch
- Available with 20' of 3/8" vinyl tubing

**3
YEAR
WARRANTY**

MODEL	PART NO.	MOTOR		Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gal./Hour@ Lift of				Shut off
		VAC	Amps				W	D	H	6'	12'	18'	20'	
PAB3 22 Foot Head - 4 Qt. Reservoir - Max. Temperature 110°										6'	12'	18'	20'	
PAB3-1	801221	115	2.2	N	N	6	9.25*	6.0	9.75	155	135	90	68	22'
PAB3-1T	801225	115	2.2	N	Y	7	9.25*	6.0	9.75	155	135	90	68	22'
PAB3X-1	801222	115	2.2	Y	N	6	9.25*	6.0	9.75	155	135	90	68	22'
PAB3X-1T	801226	115	2.2	Y	Y	7	9.25*	6.0	9.75	155	135	90	68	22'
PAB3-2	801223	230	1.0	N	N	6	9.25*	6.0	9.75	155	135	90	68	22'
PAB3-2T	801227	230	1.0	N	Y	7	9.25*	6.0	9.75	155	135	90	68	22'
PAB3X-2	801224	230	1.0	Y	N	6	9.25*	6.0	9.75	155	135	90	68	22'
PAB3X-2T	801228	230	1.0	Y	Y	7	9.25*	6.0	9.75	155	135	90	68	22'

*Width at mounting 11.25".

CONDENSATE PUMPS COMMERCIAL GRADE

Hartell's Condensate Pumps are redefining the commercial condensate pump market.

New features including quick connect, serviceable check valve and reversible reservoir with standard provisions for low level inlet, provide more installation options and easier maintenance.

Hartell uses oil and chemical resistant high temperature rated materials with robust design elements to provide a new standard of quality and long service life.

Hartell's new pumps also provide three new levels of motor bearing protection from steam and water splash to ensure maximum motor life.

Hartell's A3 and A5 Series Pumps are equipped with a new check valve design and improved fluid flows to make these pumps quiet and reliable.

Designed for quality and reliability.





A3/A5 Series Pumps



- Rated for use with steam condensate
- Fully automatic operation
- Available voltages:
 - A3 - 115, 208/230, 277
 - A5 - 115, 208/230, 380/460
- Discharge connections
 - A3X-115 3/8" inch copper compression connection
 - A3X-230, A3X-277, all A5X 1/2" copper compression connections
- Heavy duty construction for commercial applications
- Reversible reservoir allows installation flexibility
- Built in check valve, easily disassembles for cleaning
- Quick disconnect discharge feature for easy servicing
- Motor bearings have double protection against water splash and steam vapor
- Auxiliary safety switch included on all models
- Stainless steel shaft for corrosion resistance
- Die cast aluminum impeller
- Heavy duty threaded impeller attachment
- 3 lead wires and conduit conversion standard
- Inlet and discharge rotate to reduce strain on tubing and piping
- Standard low level inlet barbed tubing connection (requires site modification)



MODEL	PART NO.	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of						Shut off	
		hp @ rpm	VAC	Amps				W	D	H	6'	12'	18'	24'	36'	48'		
A3	30 Foot Head – 1 Gal. Reservoir – Max. Temperature 212° F											6'	12'	18'	24'	36'	48'	
A3X-115*	806029	1/10 @ 3450	115	3.1	Y	N	11	6.0	12.0	10.5	351	309	245	180	-	-	30'	
A3X-230	806028	1/10 @ 3450	208/230	1.1	Y	N	11	6.0	12.0	10.5	351	309	245	180	-	-	30'	
A3X-277	806030	1/10 @ 3450	277	1.0	Y	N	11	6.0	12.0	10.5	351	309	245	180	-	-	30'	
A5	60 Foot Head – 1 Gal. Reservoir – Max. Temperature 212° F																	
A5X-115*	806025	1/2 @ 3450	115	6.0	Y	N	15	6.0	12.0	10.5	550	528	495	462	390	306	60'	
A5X-230	806026	1/2 @ 3450	208-230	3.3	Y	N	15	6.0	12.0	10.5	550	528	495	462	390	306	60'	
A5X-460	806027	1/2 @ 3450	380-460	1.1	Y	N	15	6.0	12.0	10.5	550	528	495	462	390	306	60'	

* Not UL Component Recognized

CONDENSATE PUMPS COMMERCIAL GRADE

A2 Series Pumps

For applications where cast aluminum construction is required.



- 1 gallon cast aluminum reservoir
- Unitized construction
- Usable lifts to 22 feet
- Commercial application
- Snap action switch
- 6 ft cord and plug
- Stainless steel shaft
- Thermally protected motor
- Inlets: choice of two 1-1/4" or one 1 3/8"



MODEL	PART NO.	hp @ rpm	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of				Shut off
			VAC	Amps					W	D	H	6'	12'	18'	20'	
A2		22 Foot Head – 1 Gal. Reservoir – Max. Temperature 150° F										6'	12'	18'	20'	
A2-X115	851012	1/10 @ 3000	115	3.1	Y	N	12	6	9	10	185	139	79	51	22'	
A2-X230	851017	1/10 @ 3000	230	1.5	Y	N	12	6	9	10	185	139	79	51	22'	

A2-SA Series Pumps

The A2-SA series is designed for heavy duty removal of high temperature condensate.



- 1 gallon heavy duty aluminum reservoir
- Snap action switch, adjusted at factory
- 1/10 hp 3,000 rpm motor with stainless steel shaft
- Inlets: choice of two 1-1/4" or one 1 3/8"
- Outlet; 3/8" INPT
- 6 foot cord and plug on A2-SA
- 3 lead wires on A2-SA-UR
- Heavy duty design for individual applications
- Allows condensate removal without having floor drains



MODEL	PART NO.	hp @ rpm	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of				Shut off
			VAC	Amps					W	D	H	6'	12'	18'	20'	
A2-SA		19.5 Foot Head – 1 Gal. Reservoir – Max. Temperature 212° F										6'	12'	18'	20'	
A2-SA-X115	851124	1/10 @ 3000	115	3.5	Y	N	12	6	9	11	185	139	79	51	22'	
A2-SA-X230	851125	1/10 @ 3000	230	2.0	Y	N	12	6	9	11	185	139	79	51	22'	
A2-SA-UR230	851034	1/10 @ 3000	230	2.0	N	N	12	6	9	11	185	139	79	51	22'	



AL2 Series Pumps

For applications involving high surges of water. Particularly suited for commercial ice machines and the high volumes of water produced during the cleaning flush cycles.



- 2 gallon cast aluminum reservoir
- All other features identical to model A pumps
- Snap action switch
- 6 ft cord and plug
- Stainless steel shaft
- Thermally protected motor

**1
YEAR
WARRANTY**

MODEL	PART NO.	hp @ rpm	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of					Shut off
			VAC	Amps					W	D	H	6'	12'	18'	20'		
AL2	22 Foot Head – 2 Gal. Reservoir – Max. Temperature 150° F											6'	12'	18'	20'		
AL2-X115	851030	1/10 @ 3000	115	3.1	Y	N	17	12	9	10	185	139	79	51	22'		
AL2-X230	851032	1/10 @ 3000	230	1.5	Y	N	17	12	9	10	185	139	79	51	22'		

A2-X-1965 *Plenum Rated UL 2043**



- Plenum Rated UL 2043*
- Dual voltage, thermally protected motor
- Four Inlets: (2) 1-1/4" top inlets, (1) 3/4" top inlet and (1) 3/4" FNPT at bottom of reservoir
- Includes auxiliary safety switch
- Junction box wire connections, with 3/4" knock out for conduit

* Hartell's Model A2-X-1965 DV has been tested to, and yielded results that fell within the acceptance criteria of UL standard 2043, Third Edition, "Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces."

**1
YEAR
WARRANTY**

MODEL	PART NO.	hp @ rpm	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of					Shut off
			VAC	Amps					W	D	H	6'	12'	18'	20'		
A2	22 Foot Head – 1 Gal. Reservoir – Max. Temperature 150° F											6'	12'	18'	20'		
A2X-1965	851117	1/10 @ 3000	115/230	3.5/1.7	Y	N	10	6	9	10	185	139	79	51	22'		

CONDENSATE PUMPS COMMERCIAL GRADE

L4 Series Pumps

The L4 series for pumping large quantities of water. Used in commercial and industrial air conditioning systems, large refrigeration units, and multiple unit installations to tie several drains into one disposal pump.



- 2 gallon cast aluminum reservoir
- 1/2 hp motor, 3,450 rpm
- Inlet: 1-1/2" FNPT; Outlet: 1" FNPT
- Integral junction box
- Maximum lift 45 feet, Maximum flow: 4,200 GPH
- Dual voltage motor
- Unitized construction
- Heavy duty design for industrial applications
- Fits under utility sinks

**1
YEAR
WARRANTY**

MODEL	PART NO.	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of					Shut off
		hp @ rpm	VAC	Amps				W	D	H	6'	12'	18'	24'	36'	
L4	45 Foot Head – 2 Gal. Reservoir – Max. Temperature 150° F										6'	12'	18'	24'	36'	
L4-115/230	851047	1/2 @ 3450	115/230	7.46/3.7	N	N	34	10	8	17	4200	3780	3420	2820	1800	45'
L4X-115/230	851119	1/2 @ 3450	115/230	7.46/3.7	Y	N	34	10	8	17	4200	3780	3420	2820	1800	45'

Note: Flow will vary with line losses, cast aluminum reservoirs * N.S.P.C. 11.7.9, Check local codes

SC-1A Series Pumps

Designed expressly for automatically returning condensate to a collection point where radiation has been added to existing systems below the returns.



Rated for 2,000 EDR; 480,000 BTU

- Vapor sealed, 4 gallon cast aluminum reservoir
- 1/2 hp, 3,400 rpm motor
- Inlet: 1-1/2" FNPT, Outlet: 3/4" FNPT
- Integral junction box
- Steam rated for 2,000 EDR, 480,000 BTU
- Usable lifts over 40 ft
- Dual voltage motor
- Heavy duty design for industrial applications

**1
YEAR
WARRANTY**

MODEL	PART NO.	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of					Shut off
		hp @ rpm	VAC	Amps				W	D	H	6'	12'	18'	24'	36'	
1A	45 Foot Head – 4 Gal. Reservoir – Steam Condensate to 212° F										6'	12'	18'	24'	36'	
SC-1A 115/230	851068	1/2 @ 3450	115/230	7.46/3.7	N	N	45	12	12	19	4200	3780	3420	2820	1800	45'
SC-1AX-115/230	851123	1/2 @ 3450	115/230	7.46/3.7	Y	N	45	12	12	19	4200	3780	3420	2820	1800	45'



Pan Pumps

The Pan Pump is designed for installation in air conditioning coil drip pans.



- 12 foot maximum lift
- ABS construction
- Thermally protected motor with stainless steel shaft
- Positive snap action switch
- 6 foot cord and molded plug
- Available with 20' of 1/4" vinyl tubing
- Outlet: barbed for 1/4" ID tubing



MODEL	Part No.	Volts AC	Amps	Safety Switch	Check Valve	Dimensions (in.)			Gallons/Hour@Lift of				Shut Off
						W	D	H	2'	6'	12'	20'	
PAN 12 Foot Head – Automatic “In Pan” Condensate Pump - Max. Temperature 110°F													
PAN-12-1	801021	115	1.1	N	Integral	3.5	6	4.5	60	40	-	-	12'
PAN-12-2	801029	230	0.8	N	Integral	3.5	6	4.5	60	40	-	-	12'



Rated to 250 volts

Safety Switch

The J-100 safety switch is a water-level sensing device that is designed to shut down the air conditioning or refrigeration unit in the event of a high water level in the pan or reservoir.

The switch may be wired in normally open or normally closed position. The kit comes complete with 72" leads and installation instructions.

Model	Body Material	Seat Material	Inlet	Outlet	Usage
VCV-1	Brass	Brass	3/8" compression	3/8" Compression	3/8" discharge copper connection
VCV-3	Nylon	Stainless	1/4" MNPT	3/8" ID Tube/Barbed	KT (old), KL & SRP
VCV-4	Nylon	Stainless	1/4" MNPT	1/4" ID Tube/Barbed	PAN-12
VCV-12	Polypropylene	Polypropylene	3/8" -18 NPSM	3/8" ID Tube/Barbed	KT-3, PAB-3, KT-15, KT-20
VCV-16	Brass	Brass	3/4" Barbed	1/2" Compression	A3X-230, A3X-277 All AS Models
VCV-17	Brass	Brass	3/4" Barbed	3/8" Compression	A3X-115

Check Valves



Direct Mount

The LTA drain pump provides a time saving solution for wet bars, kitchenettes and laundry trays when gravity drainage is not practical. Installing an LTA Pump is quicker and easier because it requires no venting or inlet piping. A pressure switch turns the pump on automatically as water drains from the sink and turns the pump off when all water has been completely removed. The combination of quiet operation and compact size makes the LTA a perfect choice for any application.

Reservoir Style

Hartell Reservoir type drain pumps provide time saving solutions for laundry trays, utility sinks, wet bars, and kitchenettes when gravity drainage is not practical. Hartell reservoir pumps install in less time because they require no venting. They are particularly useful when multiple drain sources are encountered, as in double laundry sinks. Hartell unitized design and rugged construction make them a natural choice for any drain application.



DESIGNED FOR QUALITY AND RELIABILITY



LTP/LTS Series Pumps



- Suds proof reservoir
- Structural foam polypropylene reservoir
- No main stack vent connection required*
- 8' cord and plug
- Fits inside 24" base cabinets
- Allows sink installation without breaking concrete
- Unitized construction
- Fits under utility sinks
- Simple installation saves time
- Sealed switch assembly

* NSPC section 11.7.9, check local codes



LTP medium capacity reservoir pump

Designed for laundry and wet bar applications. Primarily used where the sink or appliance is installed below the plumbing drain.



MODEL	PART NO.	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of				Shut off
		hp @ rpm	VAC	Amps				W	D	H	6'	11'	18'	20'	
LTP	13 Foot Head – 2 Gal. Reservoir – Max. Temperature 130° F														
LTP-1	801284	1/4 @ 1725	115	5.0	N	N	22	10	12	17	2370	400	-	-	12'

LTS medium temp, high capacity reservoir pump

Heavy duty pump designed for moving large quantities of water.

Used in commercial and industrial air-conditioning systems, large refrigeration units, and multiple unit installations to tie several drains into one disposal pump.

MODEL	PART NO.	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of				Shut off
		hp @ rpm	VAC	Amps				W	D	H	12'	18'	20'		
LTS	16.5 Foot Head – 2 Gal. Reservoir – Max. Temperature 130° F														
LTS-1	801285	1/3 @ 1725	115	5.6	N	N	24	10	12	17	2628	1602	-	-	16.5'



LTA Series Pumps

Completely self-contained units that are easy to connect directly to laundry tray tubs. Lightweight and compact, these models eliminate reservoirs, traps, extra fittings and costly labor. The LTA-1 includes a pressure-activated switch that turns the pump on when water enters the tub.



- Direct mount pump
- Mounts directly to sink tailpiece
- Fits inside 24" base cabinets
- 8' cord and plug
- Lightweight and compact, these models eliminate reservoirs, traps, extra fittings, and costly labor
- Includes a pressure activated switch that turns on the pump when water enters the tub
- ABS high impact, corrosion resistant, plastic construction
- Pressure switch
- No traps required
- Takes up zero floor space
- UL approved



MODEL	PART NO.	MOTOR			Aux Switch	20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of				Shut off	
		hp @ rpm	VAC	Amps				W	D	H	6'	10'	18'	20'		
LTA	14 Foot Head – Non-Reservoir – Max. Temperature 140° F											6'	10'	18'	20'	
LTA-1	802210	1/8 @ 1670	115	2.2	N	N	15	7"	8"	14"	1560	600	-	-	11'	



- Fits under wet bars, utility sinks, kitchenettes and vanities
- Simple installation
- No main stack vent connection required (N.S.P.C. Section 11.7.9) Check local codes
- Allows sink installation without breaking concrete



ICE MACHINE PUMPS



Hartell has been supplying pumps to the ice machine industry for over 40 years! Our high quality replacement ice machine pumps meet or exceed the specifications of the original equipment manufacturer.

Hartell replacement ice machine pumps conform to NSF and UL standards, assuring clean, safe, simple and sanitary replacement.

We carry the largest variety of pumps in the industry, making Hartell the obvious choice for replacement ice machine pumps.

- Dual ball bearing, thermally protected motors with stainless steel shaft
- OEM style bracket, cord and plug
- Models to fit the most popular brands of ice making equipment:

Scotsman
Cornelius
Ross Temp
Whirlpool
Carrier
Ice Craft

Manitowoc
Uniflow
McQuay
Frigidaire
York

Ice-O-Matic
Crystal Tips
Servend
Kold-Draft
Howe

Hartell manufactures four distinct styles of ice machine pumps. Each style is available with a wide variety of discharge, impeller and motor options for optimal flow/ice cube production.



**Designed for Quality
and Reliability**



Cornelius/Ross Temp

Replacement pumps for Cornelius ice machines (also used in Ross Temp ice machines)



MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
DI-3RC-1A	804041	115	60	3/4"	40976, 37112
DI-3RC-4	804035	230	50/60	3/4"	37972
DI-4RC-4A	804040	230	50/60	3/4"	39900
GPP-3RC-1	803332	115	60	5/8"	36526
GPP-3RC-4	803333	230	50/60	5/8"	36527
GPP-4RC-1A	803236	115	60	5/8"	29797
GPP-4RC-2A	803397	230	50/60	5/8"	28175
GPP-8RC-1*	803328	115	60	3/4" Double dis.	23032

* Pumps include 3/4" "Y" Discharge and Blast-cooled motor

McQuay/Crystal Tips

Replacement pumps for Crystal Tips ice machines (also used in McQuay ice machines)



MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
GPP-3M-1S	803500	115	60	3/4"	80306601
GPP-3M-4S	803501	230	50/60	3/4"	80306602
GPP-3S-1B	803415	115	60	3/4"	80382705
GPP-6M-1	803324	115	60	1"	80598002, 877-460952
GPP-6M-4	803325	230	50/60	1"	80598001, 877-460989-00, 877-460989-01
GPP-8M-1*	803020	115	60	3/4"	19283500, 877-192835B00, 877-195536X
GPP-8M-2*	803021	230	50/60	3/4"	19189600, 877-191896, 877-195538
GPP-9M-4	803323	230	50/60	1"	4321700, 43217001

*Pump supplied with mounting cup

ICE MACHINE PUMPS

Ice-O-Matic/Mile High

Replacement pumps for Ice-O-Matic ice machines

1
YEAR
WARRANTY

MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
GPP-1MH-1P	803338	115	50/60	5/8"	9161076-01
GPP-1MH-2P	803339	230	50/60	5/8"	9161076-02
GPP-3MH-1P	803340	115	60	5/8"	9161079-01
GPP-3MH-2P	803341	230	50/60	5/8"	9161079-02
GPP-4MH-2P	803504	230	50/60	5/8"	9161079-03

Kold-Draft

Replacement pumps for Kold-Draft ice machines

1
YEAR
WARRANTY

MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
GRRP-1K-1	802044	115	60	7/8"	GTT-204-B, 516-1013-02
GRRP-1K-2	802046	230	60	7/8"	516-1012-02
GRRP-2K-1	802045	115	60	7/8"	GBB-00208-B, 516-1013-01
GRRP-2K-2	802047	230	60	7/8"	516-1012-01

Manitowoc

Replacement pumps for Manitowoc ice machines

1
YEAR
WARRANTY

MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
GPP-3MA-1	803350	115	60	1"	8480523/76-2306-3
GPP-3MA-2	803351	230	50/60	1"	8480483/76-2268-3
GPP-4MA-1	803119	115	60	1/2"	8480443
GPP-5MA-1	803029	115	60	1/2"	1480301
GPP-5MA-2A	803303	230	50/60	1/2"	8480403, 1480311
GPP-8MA-2A	803302	230	50/60	1"	1480271, 1480391
GPP-10MA-2A*	803297	230	50/60	3/4" Double dis.	8480453, 8480463
GPP-18MA-1	803030	115	60	1"	1480061
GPP-18MA-2	803031	230	50/60	1"	1480071

* Pump includes 3/4" "Y" discharge



Scotsman

Replacement pumps for Scotsman ice machines

MODEL No.	PART No.	MOTOR		Discharge OD	OEM Part No.
		VAC	Hz		
DI-1S-1	804022	115	60	3/4"	12-1849-01, 12-1930-01, 12-2263-01, 12-2263-21
DI-5S-4	804033	230	50/60	3/4"	12-2145-02, A29829-001, A30751-022
DI-7S-4A	804031	230	50/60	1"	12-2256-02, 12-2256-22
GPP-3S-1	803319	115	60	1/2"	12-2260-01, 12-2260-21
GPP-3S-2	803320	230	50/60	1/2"	12-2260-02, 12-2260-22
GPP-4S-1	803321	115	60	3/4"	12-2265-01, 12-2265-21
GPP-4S-2	803322	230	50/60	3/4"	12-2265-02, 12-2265-22
GPP-11S-1A	803003	115	60	3/4"	12-0418, 12-418A-1

Scotsman

Replacement pumps for Scotsman ice machines

Ice Machine	OEM Part No.	Hartell Model	Use New Hartell Model	VAC	Discharge
CM250	12-2260-01, 12-2260-21	GPP-3S-1	-	115	1/2"
CM450	12-2260-02, 12-2260-22	GPP-3S-2	-	208-230	1/2"
CM500	12-2265-01, 12-2265-21	GPP-4S-1	-	115	3/4"
CM650	12-2265-02, 12-2265-22	GPP-4S-2	-	208-230	3/4"
MM205, MM210, SC300, SC200, SC100, WT100, MM110, SC500, SM505	12-0418, 12-418A	GPP-11S-1	GPP-11S-1A	115	3/4"
HC400	12-1849-01	GPPE-1S-1	DI-1S-1	115	3/4"
HC400R, HC700, HC800	12-1930-01	GPPE-1S-1A	DI-1S-1	115	3/4"
HC1200, AC30, CM-850	12-2263-01	GPPE-1S-1B	DI-1S-1	115	3/4"



ICE MACHINE PUMPS



Servend

Replacement pumps for Servend ice machines

1
YEAR
WARRANTY

MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
SL2-52P-1F	802404	115	60	1/2"	5/8" 5002681
SL2-52P-4F	802405	230	50/60	1/2"	5/8" 5002682

Whirlpool/Frigidaire

Replacement pumps for Whirlpool/Frigidaire ice machines

1
YEAR
WARRANTY

MODEL	PART No.	VAC	Hz	Discharge OD	OEM Part No.
GPP-3W-1	803277	115	60	1"	593700, 598400, 593333, 9949034, 8002040
GPP-5W-1	803417	115	60	1"	593900, 598500, 593335, 9948258, 8002163, 8003576

Miscellaneous Ice Machines

Replacement pumps for other ice machines

1
YEAR
WARRANTY

MODEL	PART No.	VAC	Hz	Discharge	Ice Machine/OEM Part No.
GPP-6A1-2D	803522	230	50/60	1"	A1 REFRIGERATION
GPP-6L-1B	803395	115	60	5/8"	CUBEMASTER
GPP-6L-2B	803396	230	50/60	5/8"	CUBEMASTER
GPP-15Y-2	803109	230	50/60	1"	YORK



Commercial Ice Machine Drain Pumps



Hartell's AL-2 series pumps are designed to handle the high volume of water produced during the flushing cycle. The AL-2 comes with a 2 gallon cast aluminum reservoir, 6 foot cord and plug, 1 3/8" inlet and 3/8" NPT Female outlet. Maximum water temperature 150° F.



MODEL	PART NO.	hp @ rpm	MOTOR			20' Tubing	Wt. (lbs)	Dimensions (in.)			Pump Performance Gals/Hour @ lift of				Shut off	
			VAC	Amps	Aux Switch			W	D	H	6'	12'	16'	20'		
AL2		22 Foot Head – 2 Gal. Reservoir – Max. Temperature 150° F														
AL2-115	851029	1/10 @ 3000	115	3.1	N	N	17	12	9	10	185	139	79	51	22'	
AL2-230	851031	1/10 @ 3000	230	1.5	N	N	17	12	9	10	185	139	79	51	22'	
AL2-X115	851030	1/10 @ 3000	115	3.1	Y	N	17	12	9	10	185	139	79	51	22'	
AL2-X230	851032	1/10 @ 3000	230	1.5	Y	N	17	12	9	10	185	139	79	51	22'	





Hartell
MILTON ROY

Enjoy Life



201 Ivyland Road • Ivyland, PA 18974

215.322.0730 • Fax: 800.322.5519

info@hartell.com

www.hartell.com

www.miltonroy.com

**APPLIANCE
PLUMBING
HVAC**

