



# HVAC PRODUCTS CATALOG

Products for the professional contractor  
for the maintenance of HVAC systems.

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## Web Duct Support Strap

**DESCRIPTION:**

Flexible woven mesh Web Duct Support Strap is a low cost and easy to install method of hanging flex ducting. Conforms to any size and can be secured with nails or staples. Easy to cut with scissors or knife.

Item No.	Size	Tensile Strength	Color	Yards/ Roll	Rolls/ Case
DA06-1.75-K	1.75"	360 lbs.	Black	100	24
DA06-3-K	3"	638 lbs.	Black	100	8
DA06-3-SV	3"	638 lbs.	Silver	100	8


**FEATURES:**

- Woven polypropylene monofilament material
- 1.75" and 3" sizes
- Conforms to UL standards
- Quick installation using nails or staples
- Easier to install than metal hanging strap

## Bristle Paint Brush

Item No.	Size	Pcs/ Box	Boxes/ Case
DA200	2"	12	30

Paint brushes sold in case quantities only (360 pcs. per case).

**FEATURES:**

- Aspen handle with hole for hanging
- Natural bristles
- 2" Width



## Cable Ties

**DESCRIPTION:**

DirectedAir® cable ties aid the HVAC professional with duct support, secure tie-down of duct, etc. Cable ties lock tightly to avoid slipping, stretching or sliding.

Item No.	Size	Tensile Strength	Color	Max Bundle Diameter	Pcs/ Bag	Bags/ Case	Cases/ Pallet
DA05-36-175-L-N	36"	175 lbs.	Natural	10-3/8"	50	10	40



\*DirectedAir® cable ties are natural color

**FEATURES:**

- UL flame rated 94V-2
- UL 181B-C Listed
- Natural nylon 6/6 material
- -40°F to 185°F



DA-CAT002-040422

Please contact your DirectedAir® account manager for purchasing and pricing information.



## Drywall Access Doors

### DESCRIPTION:

CADoors drywall doors are 16-gauge steel access doors designed to provide secure and easy access to plumbing, electrical wiring or other utility applications behind walls.

Item No.	Description	Box Quantity
PC 6.6 SDL	Prime Coat 6" x 6"	1
PC 8.8 SDL	Prime Coat 8" x 8"	1
PC 10.10 SDL	Prime Coat 10" x 10"	1
PC 12.12 SDL	Prime Coat 12" x 12"	1
PC 14.14 SDL	Prime Coat 14" x 14"	1
PC 16.16 SDL	Prime Coat 16" x 16"	1
PC 18.18 SDL	Prime Coat 18" x 18"	1
PC 24.24 SDL	Prime Coat 24" x 24"	1

### FEATURES:

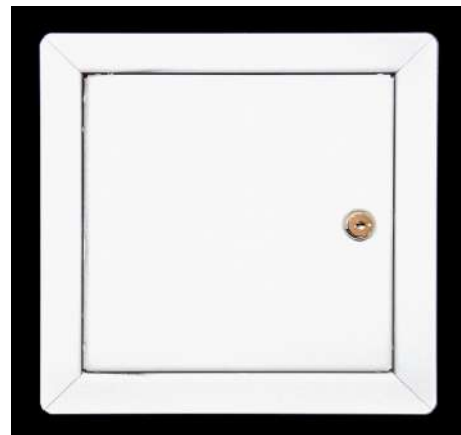
- CADoors are constructed from 16 gauge steel
- CADoors are prime coated with a white, low sheen finish allowing for easier secondary painting
- Anti-flex frame with tabs or bolt holes for easy installation
- Screwdriver operated latch

### ALSO AVAILABLE:

- Optional stainless steel finish
- Cylinder lock
- Other sizes available on request



**Stainless Steel Option**



**Cylinder Lock Option**

## Fire-Rated Access Doors

**DESCRIPTION:**

CADoors fire-rated doors are 16-gauge galvanized steel access doors designed to provide secure easy access to plumbing, electrical wiring or other utility applications behind walls. They stand up to immense heat in emergency situations.

Item No.	Description	Box Quantity
FR 8.8 RTL	Prime Coat 8" x 8"	1
FR 12.12 RTL	Prime Coat 12" x 12"	1
FR 14.14 RTL	Prime Coat 14" x 14"	1
FR 16.16 RTL	Prime Coat 16" x 16"	1
FR 18.18 RTL	Prime Coat 18" x 18"	1
FR 24.24 RTL	Prime Coat 24" x 24"	1

**FEATURES:**

- CADoors are constructed from 16 gauge galvanized steel
- CADoors are prime coated with a white, low sheen finish allowing for easier secondary painting
- Fire rated for 1.5 hours "B" label (wall) and 3 hours Warnock-Hersey (ceiling) and meets ANSI-UL 10B standards
- Heavy duty spring closer with interior latch release slide
- Recessed turn latch

**ALSO AVAILABLE:**

- Optional stainless steel finish
- Optional white prime coat finish
- Cylinder lock
- Other sizes available on request



## UV Light Systems

### DESCRIPTION:

DirectedAir® UV Light Systems are designed to keep the air quality in homes free from harmful microorganisms and pathogens such as fungi, viruses, and bacteria, by using a precise amount of energy to break apart harmful organic molecular bonds. A whole house air purifier disinfects and sterilizes the air that passes through vents and helps the system function more efficiently by ridding it of mold, which can increase the system's workload.

With a unique, long life ballast, DirectedAir® UV Light Systems can withstand the continuous rigors necessary for the most effective elimination of these harmful microorganisms and pathogens.

**ECO-FRIENDLY**  
DirectedAir UV light systems are natural, use no chemicals or ozone and are non-pollutive.

**IMPROVES IAQ**  
Reduces mold, bacteria, viruses and microbial growth that lead to allergies, asthma and infections.

**REDUCES MAINTENANCE Co**  
UV whole house air purifiers maintain clean system coils and help reduce HVAC maintenance.

### Benefits of Ultraviolet Light:

- Reduction of mold, bacteria, viruses, yeast and fungi
- Allergy relief
- Control microbial growth
- Improved IAQ
- Reduced HVAC maintenance
- Odor reduction
- Natural, generates no pollution and does not use potentially harmful chemicals
- Pathogens cannot build up a resistance to UV light
- Maintains clean air conditioning coils

### MAINTAIN CLEAN COILS

Dirty coils are caused by a buildup of mold & bio-film on the coil. The buildup on the coil reduces airflow, decreases efficiency, and spreads potentially harmful contaminants.

FIG. A

A DirectedAir UV system uses germicidal UV-C to eliminate mold and bio-film which creates and maintains a clean evaporator coil free from germs, mold, bacteria and viruses.

FIG. B

## 3 Models Available

ADVANCED	MASTER	PCO
DA-UUV-CBA	DA-UUV-CBM	DA-UUV-CBM-PCO

**LIFETIME BALLAST WARRANTY**  
**1 YEAR LAMP WARRANTY**

**REPLACEMENT BULB FOR ALL MODELS**  
DA-UUV-LP160TS

will also replace other brands



## Copper Fittings

**DESCRIPTION:**


DirectedAir® copper fittings are manufactured to the highest standards of quality and fully certified to industry standards for dimensions and material composition.


**FEATURES:**

- ISO C9001, ISO 14001 certified
- ASME B16.22
- NSF/ANSI 61
- Fittings sold in full bag or case quantities only



## Elbows

45° Copper to Copper (CxC)	Item No.	OD Size	Pcs/ Bag	Pcs/ Case
	DA014-04	3/8"	25	5000
	DA014-05	1/2"	25	2000
	DA014-06	5/8"	25	1300
	DA014-07	3/4"	25	700
	DA014-08	7/8"	25	500
	DA014-11	1-1/8"	10	240
	DA014-14	1-3/8"	10	150
	DA014-16	1-5/8"	10	100
	DA014-21	2-1/8"	5	40

45° Street Fitting to Copper (FxC)	Item No.	OD SIZE	Pcs/ Bag	Pcs/ Case
	DA014S-04	3/8"	25	3000
	DA014S-05	1/2"	25	2000
	DA014S-06	5/8"	25	1300
	DA014S-07	3/4"	25	700
	DA014S-08	7/8"	25	500
	DA014S-11	1-1/8"	10	240
	DA014S-14	1-3/8"	5	150
	DA014S-16	1-5/8"	5	100



Certified to  
NSF/ANSI 61  
Manufactured to ASME B16.22  
ISO 9001, ISO 14001 Certified


## Copper Fittings

### DESCRIPTION:

DirectedAir® copper fittings are manufactured to the highest standards of quality and fully certified to industry standards for dimensions and material composition.


### Elbows (cont.)

**90°**  
Copper to Copper (CxC)




Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA019-03	1/4"	100	5000
DA019-04	3/8"	25	4000
DA019-05	1/2"	25	2000
DA019-06	5/8"	50	1200
DA019-07	3/4"	25	600
DA019-08	7/8"	25	400
DA019-11	1-1/8"	10	200
DA019-14	1-3/8"	10	120

**90° Street**  
Fitting to Copper (FxC)




Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA019S-04	3/8"	25	3000
DA019S-05	1/2"	25	2000
DA019S-06	5/8"	25	1200
DA019S-07	3/4"	25	600
DA019S-08	7/8"	10	400
DA019S-11	1-1/8"	10	200

**90° Long Radius**  
Copper to Copper (CxC)



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA019LT-03	1/4"	100	4000
DA019LT-04	3/8"	25	3000
DA019LT-05	1/2"	25	1500
DA019LT-06	5/8"	25	800
DA019LT-07	3/4"	25	450
DA019LT-08	7/8"	20	240
DA019LT-11	1-1/8"	10	120
DA019LT-14	1-3/8"	5	80
DA019LT-16	1-5/8"	2	40
DA019LT-21	2-1/8"	2	20


**90° Street Long Radius**  
Fitting to Copper (FxC)



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA019SLT-03	1/4"	25	3000
DA019SLT-04	3/8"	25	2000
DA019SLT-05	1/2"	25	1500
DA019SLT-06	5/8"	25	800
DA019SLT-07	3/4"	25	450
DA019SLT-08	7/8"	10	250
DA019SLT-11	1-1/8"	10	120
DA019SLT-14	1-3/8"	5	80
DA019SLT-16	1-5/8"	5	40

### Adapters


**Male**



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA10M-07x07	3/4" x 3/4"	10	500
DA10M-08x07	7/8" x 3/4"	25	500
DA10M-11x10	1-1/8" x 1"	10	300

### Adapters

**Female**



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA10F-06x05	5/8" x 1/2"	50	400
DA10F-07x07	3/4" x 3/4"	10	300
DA10F-08x07	7/8" x 3/4"	10	250
DA10F-11x10	1-1/8" x 1"	5	250



Certified to NSF/ANSI 61  
Manufactured to ASME B14.22  
ISO 9001, ISO 14001 Certified

## Copper Fittings

### DESCRIPTION:

DirectedAir® copper fittings are manufactured to the highest standards of quality and fully certified to industry standards for dimensions and material composition.

### Couplings

w/ Roll Stop	Item No.	OD Size	Pcs/ Bag	Pcs/ Case
Copper to Copper (CxC)	DA03RS-03	1/4"	100	10000
	DA03RS-04	3/8"	100	5000
	DA03RS-05	1/2"	25	3000
	DA03RS-06	5/8"	25	1600
	DA03RS-07	3/4"	25	1000
	DA03RS-08	7/8"	25	600
	DA03RS-11	1-1/8"	10	300
	DA03RS-14	1-3/8"	10	200
	DA03RS-16	1-5/8"	10	120
	DA03RS-21	2-1/8"	5	60



### Couplings

Reducing	Item No.	OD Size	Pcs/ Bag	Pcs/ Case
Copper to Copper (CxC)	DA03R-04x03	3/8" x 1/4"	25	5000
	DA03R-05x03	1/2" x 1/4"	100	3000
	DA03R-05x04	1/2" x 3/8"	100	3000
	DA03R-06x04	5/8" x 3/8"	25	2000
	DA03R-06x05	5/8" x 1/2"	25	2000
	DA03R-07x05	3/4" x 1/2"	25	1100
	DA03R-07x06	3/4" x 5/8"	25	1000
	DA03R-08x04	7/8" x 3/8"	50	800
	DA03R-08x06	7/8" x 5/8"	25	600
	DA03R-08x07	7/8" x 3/4"	25	600
	DA03R-11x05	1-1/8" x 1/2"	25	500
	DA03R-11x06	1-1/8" x 5/8"	25	400
	DA03R-11x07	1-1/8" x 3/4"	25	400
	DA03R-11x08	1-1/8" x 7/8"	10	400
	DA03R-14x08	1-3/8" x 7/8"	10	250



### Fitting Reducers (Bushings)

Fitting to Copper (FxC)	Item No.	OD Size	Pcs/ Bag	Pcs/ Case
Fitting to Copper (FxC)	DA05R-04x03	3/8" x 1/4"	25	5000
	DA05R-05x04	1/2" x 3/8"	25	3000
	DA05R-06x05	5/8" x 1/2"	25	1800
	DA05R-07x05	3/4" x 1/2"	25	1200
	DA05R-07x06	3/4" x 5/8"	25	1100
	DA05R-08x07	7/8" x 3/4"	25	800
	DA05R-11x07	1-1/8" x 3/4"	10	400
	DA05R-11x08	1-1/8" x 7/8"	10	400
	DA05R-14x08	1-3/8" x 7/8"	10	250
	DA05R-14x11	1-3/8" x 1-1/8"	10	250



## Copper Fittings

### DESCRIPTION:

DirectedAir® copper fittings are manufactured to the highest standards of quality and fully certified to industry standards for dimensions and material composition.

### Tees

Copper to  
Copper to  
Copper  
(CxCxC)



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA02R-03	1/4"	100	5000
DA02R-04	3/8"	100	4000
DA02R-05	1/2"	100	1000
DA02R-06	5/8"	25	700
DA02R-07	3/4"	20	400
DA02R-08	7/8"	10	250
DA02R-11	1-1/8"	10	120
DA02R-14	1-3/8"	5	70
DA02R-16	1-5/8"	2	50

### Tube Caps



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA04-04	3/8"	100	5000
DA04-06	5/8"	100	2000
DA04-07	3/4"	50	1500
DA04-08	7/8"	50	1000
DA04-11	1-1/8"	50	500
DA04-14	1-3/8"	25	300
DA04-16	1-5/8"	10	240

### P-Traps



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
DA12-06	5/8"	1	80
DA12-07	3/4"	1	40
DA12-08	7/8"	1	30
DA12-11	1-1/8"	1	20



Certified to  
NSF/ANSI 61  
Manufactured to ASME B16.22  
ISO 9001, ISO 14001 Certified

## Black Iron Pipe Fittings

### DESCRIPTION:

DirectedAir® black iron pipe fittings are manufactured to the highest standards of quality and fully certified to industry standards for dimensions and material composition. Offered in a variety of sizes to allow for application in a number of settings.

Item No.	Size	Description	Pcs/ Box	Pcs/ Case
DAB014-05	1/2"	45 Elbow	50	200
DAB014-07	3/4"	45 Elbow	40	120
DAB019-05	1/2"	90 Elbow	50	200
DAB019-07	3/4"	90 Elbow	35	105
DAB019S-05	1/2"	90 Street Elbow	60	180
DAB019S-07	3/4"	90 Street Elbow	35	105
DAB02-05	1/2"	Tee	40	120
DAB02-07	3/4"	Tee	35	70
DAB02R-07x05x05	3/4" x 1/2" x 1/2"	Reducing Tee	30	120
DAB02R-07x05x07	3/4" x 1/2" x 3/4"	Reducing Tee	40	80
DAB03-05	1/2"	Coupling	60	240
DAB03-07	3/4"	Coupling	50	150
DAB03R-07x05	3/4" x 1/2"	Reducer Coupling	60	180
DAB04-05	1/2"	Cap	75	300
DAB04-07	3/4"	Cap	40	160
DAB07-07x05	3/4" x 1/2"	Hex Bushing	50	200
DAB08-05	1/2"	Union-Brass Seat	50	100
DAB08-07	3/4"	Union-Brass Seat	35	70
DAB09-01	1/8"	Pipe Plug	400	4800
DAB09-05	1/2"	Pipe Plug	50	600
DAB09-07	3/4"	Pipe Plug	30	360

### FITTING FEATURES:

- Class 150
- Material conforms to ASTM A-197
- Pressure Rating:  
Fittings: ANSI/ASME B16.3  
Bushings/Plugs: ANSI/ASME B16.14
- All fittings 100% pressure tested at factory
- ISO 9000: 2001
- Other sizes and types available
- Fittings sold in full box or case quantities only



DA-CAT002-040422

Please contact your DirectedAir® account manager for purchasing and pricing information.

## Black Steel Nipples

### DESCRIPTION:

DirectedAir® black steel nipples are manufactured to the highest standards of quality and fully certified to industry standards for dimensions and material composition. Offered in a variety of sizes to allow for application in a number of settings.

Item No.	Size	Length	Pcs/Box	Pcs/Case
DABN-05xC	1/2"	Close	25	400
DABN-05x15	1/2"	1-1/2"	25	400
DABN-05x20	1/2"	2"	25	400
DABN-05x25	1/2"	2-1/2"	25	300
DABN-05x30	1/2"	3"	25	300
DABN-05x35	1/2"	3-1/2"	25	300
DABN-05x40	1/2"	4"	25	200
DABN-05x45	1/2"	4-1/2"	25	200
DABN-05x50	1/2"	5"	25	200
DABN-05x55	1/2"	5-1/2"	25	200
DABN-05x60	1/2"	6"	25	200
DABN-05x70	1/2"	7"	25	100
DABN-05x80	1/2"	8"	25	100
DABN-05x90	1/2"	9"	25	100
DABN-05x100	1/2"	10"	25	50
DABN-05x110	1/2"	11"	25	100
DABN-05x120	1/2"	12"	25	50
DABN-05x180	1/2"	18"	0	25
DABN-05x240	1/2"	24"	0	5
DABN-05x300	1/2"	30"	0	5
DABN-05x360	1/2"	36"	0	5
DABN-05x480	1/2"	48"	0	5
DABN-05x600	1/2"	60"	0	5
DABN-05x720	1/2"	72"	0	5

Item No.	Size	Length	Pcs/Box	Pcs/Case
DABN-07xC	3/4"	Close	25	400
DABN-07x15	3/4"	1-1/2"	25	400
DABN-07x20	3/4"	2"	25	300
DABN-07x25	3/4"	2-1/2"	25	300
DABN-07x30	3/4"	3"	25	200
DABN-07x35	3/4"	3-1/2"	25	200
DABN-07x40	3/4"	4"	25	150
DABN-07x45	3/4"	4-1/2"	25	150
DABN-07x50	3/4"	5"	25	100
DABN-07x55	3/4"	5-1/2"	25	100
DABN-07x60	3/4"	6"	25	100
DABN-07x70	3/4"	7"	25	75
DABN-07x80	3/4"	8"	25	75
DABN-07x90	3/4"	9"	25	50
DABN-07x100	3/4"	10"	25	50
DABN-07x110	3/4"	11"	25	50
DABN-07x120	3/4"	12"	25	50
DABN-07x180	3/4"	18"	0	25
DABN-07x240	3/4"	24"	0	5
DABN-07x300	3/4"	30"	0	5
DABN-07x360	3/4"	36"	0	5
DABN-07x480	3/4"	48"	0	5
DABN-07x600	3/4"	60"	0	5
DABN-07x720	3/4"	72"	0	5

### NIPPLE FEATURES:

- Schedule 40
- Meets or exceeds all applicable ASTM and ANSI standards
- Threaded both ends
- Other sizes and types available
- Fittings sold in full box or case quantities only





## PVC Condensate Traps

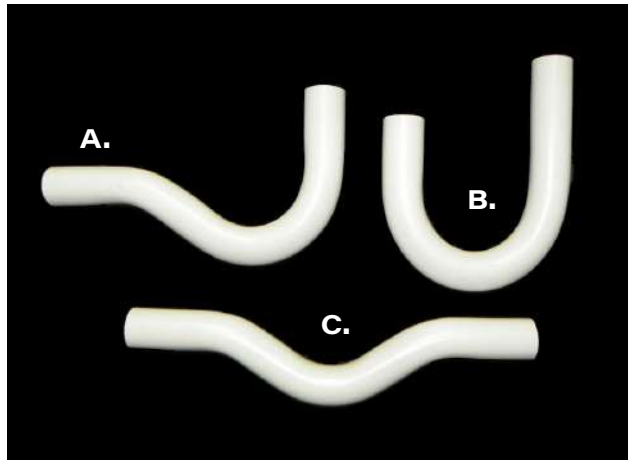
**DESCRIPTION:**

Condensate traps are the standard for draining condensate water from HVAC systems and keep units from drawing in outside air. Directed Air PVC Traps prevent air leaks, allowing condensation to drain, and result in a properly working system.

	Item No.	Size	Description	Pcs/ Bag	Pcs/ Case
A.	DA3075P	3/4"	P-type trap	10	120
B.	DA3075J	3/4"	J-type trap	10	100
C.	DA3075R	3/4"	R-type (running) trap	10	180

**FEATURES:**

- PVC schedule 40 pipe
- 3/4" NPT
- Slip connection
- Full flow capacity



# Condensate/Line Management

**Little GIANT**



Sold only in Texas, New Mexico and Oklahoma

## Condensate Pumps

### DESCRIPTION:

Designed for automatic collection/removal of condensate from air conditioning, refrigeration and dehumidification equipment when gravity drainage is not possible. Also suitable for high efficiency oil and gas-fired condensing furnace and condensing boiler equipment.

## VCMA 15/20 Series

### FEATURES:

- ABS tank, motor cover, and volute
- 1/2 gallon tank
- Stainless steel motor shaft
- Removable 3/8" barbed check valve
- 3 inlet drain holes
- Thermal overload protection
- Auto start/stop
- Tubing and Safety Switch options
- cCSAus listed



Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI	20' 3/8" Tubing	Safety Switch
554401	VCMA-15UL	1/50	115	60	1	60	15	6.5	No	No
554421	VCMA-20UL	1/30	115	60	1.5	93	20	8.7	No	No
554451	VCMA-20UL	1/30	230	50/60	0.5	75	17	7.4	No	No
<b>Safety Switch Model</b>										
554405	VCMA-15ULS	1/50	115	60	1	60	15	6.5	No	Yes
554425	VCMA-20ULS	1/30	115	60	1.5	93	20	8.7	No	Yes
554455	VCMA-20ULS	1/30	230	50/60	.05	75	17	7.4	No	Yes
<b>Tubing Model</b>										
554411	VCMA-15ULT	1/50	115	60	1	60	15	6.5	Yes	No
554431	VCMA-20ULT	1/30	115	60	1.5	93	20	8.7	Yes	No
<b>Safety Switch and Tubing Model</b>										
554415	VCMA-15ULST	1/50	115	60	1	60	15	6.5	Yes	Yes
554435	VCMA-20ULST	1/30	115	60	1.5	93	20	8.7	Yes	Yes
554461	VCMA-20ULST	1/30	230	60	0.5	75	17	7.4	Yes	Yes

## VCC 20 Series

### FEATURES:

- Low profile
- ABS tank, motor cover, and volute
- 3/10 gallon tank
- Stainless steel motor shaft
- Removable 3/8" barbed check valve
- Thermal overload protection
- Auto start/stop
- Overflow detection float activated switch
- Two 1-1/8 inlet openings
- cCSAus listed



Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI	20' 3/8" Tubing	Safety Switch
5554200	VCC-20ULS	1/30	115	60	1.5	93	20	8.6	No	Yes
554210	VCC-20ULS	1/30	230	50/60	0.6/0.5	75	17	7.4	No	Yes



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## Condensate Pumps - Large/High Capacity

**DESCRIPTION:**

Designed for automatic collection/removal of condensate from air conditioning, refrigeration and dehumidification equipment when gravity drainage is not possible. Also suitable for high efficiency oil and gas-fired condensing furnace and condensing boiler equipment.

### VCMX 14/24/45 Series - High Capacity Model

**FEATURES:**

- Three year warranty
- 1/30 hp high performance motor
- 3/8" check valve outlet
- Fully automatic start/stop/safety switch
- Tubing/Sweat Sleeve/Safety Switch options
- cCSAus listed

Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	20' 3/8" Tubing	Anti-Sweat Sleeve	Safety Switch
554520	VCMX-20UL	1/30	115	60	1.5	93	21	No	No	No
554521	VCMX-20UL	1/30	230	50/60	0.6/0.5	75	20	No	No	No
<b>Safety Switch Model</b>										
554530	VCMX-20ULS	1/30	115	60	1.5	93	21	No	No	Yes
554531	VCMX-20ULS	1/30	230	50/60	0.6/0.5	75	20	No	No	Yes
<b>Safety Switch and Tubing Model</b>										
554550	VCMX-20ULST	1/30	115	60	1.5	93	21	Yes	No	Yes
554551	VCMX-20ULST	1/30	230	50/60	0.6/0.5	75	20	Yes	No	Yes
<b>Sweat Sleeve and Safety Switch Model</b>										
554542	VCMX-20ULS-C	1/30	115	60	1.5	93	20	No	Yes	Yes



VCMX-20UL



VCMX-20ULS



VCMX-20ULST



VCMX-20ULS-C

### VCL 14/24/45 Series - Large Tank Applications

**FEATURES:**

- 1 gallon tank
- Stainless steel motor shaft
- Auto start/stop
- Fan cooled concentric (14/24), PSC (45) motor
- Overflow dual-function detection switch
- 3/8" barbed discharge adapter
- Two 1-1/8" inlet openings
- Thermal overload protection
- 10.4 psi
- cCSAus listed

Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI	20' 3/8" Tubing	Safety Switch
553206	VCL-24UL	1/18	115	60	2.5	148	24	10.4	No	No
<b>Safety Switch Model</b>										
553101	VCL-14ULS	1/50	115	60	1	78	14	6.1	No	Yes
553201	VCL-24ULS	1/18	115	60	2.5	148	24	10.4	No	Yes
553211	VCL-24ULS	1/18	230	50/60	1.2	148	24	10.4	No	Yes
553240	VCL-45ULS	1/5	115	60	3.5	185	45	19.5	No	Yes
553245	VCL-45ULS	1/5	230	50/60	1	250	45	19.5	No	Yes
<b>Safety Switch and Tubing Model</b>										
14940371	VCL-24ULS*	1/18	115	60	2.5	148	24	10.4	Yes	Yes
14940372	VCL-24ULS*	1/18	230	50/60	1.2	148	24	10.4	Yes	Yes



VCL-14ULS



VCL-24ULS



VCL-45ULS

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# Condensate/Line Management



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## Condensate Pumps - Shallow Pan

### DESCRIPTION:

The ABS series utilizes a sealed, submersible pump and is ideal for in-pan placement for condensate removal. An integrated unique float switch design assures reliability and security while providing easy access to the float for servicing.

### FEATURES:

- Permanently lubricated motor bearings
- Epoxy-coated cast aluminum housing
- Automatic on/off operation
- Easy to remove float housing
- Includes removable inlet filter screen
- cCSAus listed

### 1 ABS - Shallow Pan Applications

#### ADDITIONAL FEATURES:

- Submersible pump with sump-type pick-up
- Includes 90° 1/4" MNPT adapter
- Low on/off levels - will operate in most standard condensate drain pans

Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI
550521	1-ABS	1/150	115	60	1.1	70	10	4.3
550532	1-ABS	1/150	230	50/60	0.6/0.5	70	10	4.3
550522	1-ABS w/Tank	1/150	115	60	1.1	70	10	4.3



### 2 ABS - Shallow Pan Applications

#### ADDITIONAL FEATURES:

- 1/4" MNPT discharge suitable for 1/2" tubing

Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI
551020	2-ABS	1/40	115	60	1.7	100	11.8	5.1
551030	2-ABS	1/40	230	50/60	0.9/0.7	100	11.8	5.1



### 3 ABS - Shallow Pan Applications

#### ADDITIONAL FEATURES:

- Submersible pump with collection tank
- Ideal for self contained, high volume, high head condensate removal
- 1 gallon tank
- Galvanized steel tank cover - 1-1/8" openings
- 1/2" MNPT pump discharge with brass check valve and compression fitting for 1/2" OD copper or rigid plastic tubing
- Powerful 1/12 hp pump motor

Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI
551320	3-ABS	1/12	115	60	3.5	210	26	11.2
551330	3-ABS	1/12	230	50/60	1.8/1.6	210	26	11.2



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## Condensate Pumps - Peristaltic/Evaporative

### Peristaltic Series

#### DESCRIPTION

Self priming pump that removes condensate from ductless mini-split wall mount, cassette air conditioners and fan coils. Not affected by dust, bacteria, mold or other airborne particles that can be found in condensate water.

**TPS:** pump is connected directly to air conditioner and operates when AC on

**TPT:** pump is controlled by changes in temperature of the air moving through the AC coil

**TPR:** pump is controlled by float-operated switches-activates when water enters float reservoir

Item No.	Model	Volts	Hz	Amps	Watts	Shut-Off (ft)	Suction Lift (ft)	Max Flow (lbs)
553674	TPS	230	50/60	0.6	13	46	6.5	2.5
553675	TPT	230	50/60	0.6	13	46	6.5	2.5
553676	TPR	230	50/60	0.6	13	46	6.5	2.5



### CP Series - Evaporative Applications

#### DESCRIPTION

For use in evaporative coolers, sales displays, laboratories, water bath circulation and many other uses. Ideal as a universal OEM replacement pump

#### FEATURES:

- Concentric fan-cooled double coil motor
- Thermal overload protection
- Corrosion resistant steel shaft
- Flame retardant housing
- Snap off volute plate for easy cleaning

Item No.	Model	HP	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI
540005	CP-1-115	1/70	115/127	60	0.8	70	9.5	4.1
540015	CP-1-230	1/70	230	50/60	0.4	70	9.5	4.1
541005	CP2-115	1/50	115	60	1.0	80	11	4.8
541015	CP-2-230	1/50	115/230	50/60	0.5	80	11	4.8
542005	CP-3-115	1/30	115	60	1.1	90	12	5.2
542015	CP3-230	1/30	230	50/60	0.56	90	12	5.2



## Condensate Pumps - Mini-Split/Ductless

### FEATURES:

#### Pump/Controller:

- Noise reducing design
- Easy to install brackets
- Reliable solid state switching technology
- Quick connect for pump to reservoir communications cable
- Quick connect for power cable
- 1/4" pump discharge outlet

#### Reservoir

- Hall effect on/off level sensors with high water safety sensor feature
- Extra large filter screen
- Hinged cover with quick release latch
- Clear tank for inspection and monitoring
- Top/Front/Back options for reservoir to pump connections
- Multi-step drain hose adapter

## EC1 Series - Mini-Split/Ductless Applications

### EC-1-DV ADDITIONAL FEATURES:

- Pump is capable of operating from a wide range of supply voltage to maintain consistent pump performance

### EC-1K/1K-DV ADDITIONAL FEATURES:

- Includes Line Set Kit for mounting the pump on the interior wall, next to the indoor ductless mini-split unit. Provides space to install the EC-1-DV, line-set pipes, electrical wiring and drain hoses providing a clean finished look.

#### LINE SET KIT FEATURES:

- Right or left installation
- Cover provides dedicated positions for mounting pump and reservoir in secure and easy service locations
- Room inside duct for Line Set and wiring
- Generous room in lower elbow to easily bend Line Set pipes
- 2.1"x3" inside dimensions
- 9.7" drain hose tubing
- Detachable power cord
- Wall fasteners included
- 42" max length from reservoir enclosure to ceiling

### LINE SET KIT



EC-1-DV/EC-1K-DV with cover



EC-1-DV/EC-1K-DV inside view

Item No.	Model	Volts	Hz	Discharge Size	Shut-Off (ft)	Suction Lift (ft)
553500	EC-1	115	60	1/4"	33	3
553501	EC-1	208-230	50/60	1/4"	33	3
553507	EC-1-DV	110-240	50/60	1/4"	33	3
553510	EC-1K	115	60	Yes	33	3
553511	EC-1-K	208-230	50/60	Yes	33	3
553517	EC-1K-DV	110-240	50/60	1/4"	33	3

### RESERVOIR AND PUMP





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## Condensate Pumps - Other/Accessories

### DESCRIPTION:

The EC-OP-K series and the EC-400 series removes condensate from ductless mini split wall and ceiling mounted air conditioners and fan coiled air conditioning equipment.

### EC-OP-K Series

#### FEATURES:

- Works with units up to 34,000 BTU
- Clear reservoir for inspection
- 176°F thermal protection
- Alarm ready
- Easy to install mounting bracket
- Pump float retainer for easy service
- Quiet operation
- Service without removing from wall
- Requires no space inside the wall mount AC
- cCSAus listed

Item No.	Model	Volts	Hz	Amps	Watts	Shut-Off (ft)	PSI
553712	EC-OP-K	230	50/60	0.1	20	34.77	15



### EC-400

#### FEATURES:

- Compact two piece design
- Reliable on/off and safety overflow detection
- Wall, suspended ceiling, floor mount
- For intermittent operation-50% duty cycle
- Self-priming
- Use with units up to 25,000 BTU/hr
- cCSAus listed

Item No.	Model	Volts	Hz	Amps	Watts	Discharge Size	Suction Lift	Max Flow (GPH)	Shut-Off (ft)	PSI
553455	EC-400	115	60	0.24	19	5/32"	3'	2 @ 2'	35	1.17
553458	EC-400	230	50/60	0.1	20	5/32"	3'	2 @ 2'	35	1.17



### ACS 2 and ACS 3 - In Pan Condensate Overflow Detection Switches

Switches install in AC drain pan to shut off unit if condensate level approaches overflow.

Item No.	Model	HP	Volts	Amps	Lead Length
599122	ACS-2	--	48V AC/DC	5 max.	18"
599123	ACS-2	--	48V AC/DC	5 max.	72"
599124	ACS-3	1/3 max	125-250 VAC	11 max.	82"



### TUBING

Item No.	Model	Description
599107	T-3/8	100' of 3/8" ID x 1/2" OD clear tubing



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**(04) Shipping Errors:** HMC will not be responsible for shipping errors reported ten (10) business days after receipt of product. If a customer receives the wrong merchandise due to an error in order processing or shipping, HMC will issue a RGA before the merchandise can be returned, unless other arrangements are made. HMC will be responsible for return freight.

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**(07) Returned Goods Authorization (RGA):** In order to return products, customers must obtain a Return Goods Authorization (RGA) number. A RGA can be obtained by contacting HMC.

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**(09) Obsolete, Old Design, Unstable and Damaged Exception:** All returns must be returned prepaid and subject to inspection for damage or misuse prior to issuance of credit. No credit will be allowed for material determined to be over one (1) year old, of obsolete or old design, in unsaleable condition or not in standard quantities.

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