



HVAC PRODUCTS CATALOG

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

2020

www.preferredconstructionproducts.com

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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



Dryer Vent Boxes

DESCRIPTION:

DirectedAir®/Construction Solutions recessed dryer vent receptacles allow for improved air flow and dryer efficiency, energy cost savings, and fire hazard minimization.

Product	Item No.	Size (for 2x4 or 2x6 wall)	Material	Description
DBX1000	DBX10.01	4"	Plastic	Combo Box/ Trim Ring
DBX1000	DBX9.001	4"	Plastic	Box only
DBX1000	DBX5.01	6"	Plastic	Combo Box/ Trim Ring
DBX1000	DBX4.001	6"	Plastic	Box only
DBX1000	DBX2.001	4"or 6"	Plastic	Trim Ring only
DBX1000M	DBXMBT4	4"	Metal	Combo Box/ Trim Ring
DBX1000M	DBXMB4	4"	Metal	Box only
DBX1000M	DBXMBT6	6"	Metal	Combo Box/ Trim Ring
DBX1000M	DBXMB6	6"	Metal	Box only
DBX1000M	DBXMT	4"or 6"	Metal	Trim Ring only
DBX1017	DBX1017FR	6"	Metal	Fire-Rated
DBX1424	DBX1424MBT	6"	Metal	Combo Box/ Trim Ring
DBX1424	DBXMB1424	6"	Metal	Box only
DBX1424	DBXMB1424MT	6"	Metal	Trim Ring only

FEATURES:

- Molded cavity provides storage space for dryer flex hose, allowing dryer installation right against the wall
- Allows for elimination of exhaust hose bends and kinks for improved air flow and efficiency and minimized lint buildup.
- Provides clean, professional look with a snap on trim ring
- Can be rotated for up or down venting
- Trim ring eliminates the need to frame around metal boxes w/baseboard
- Coated white to match washer boxes
- No caulking required prior to paint
- Reduces construction costs and back end delays on drywall/paint repair
- Tested by UL and QAI Laboratories

DBX1000



DBX1000M



DBX1017



DBX1424



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.

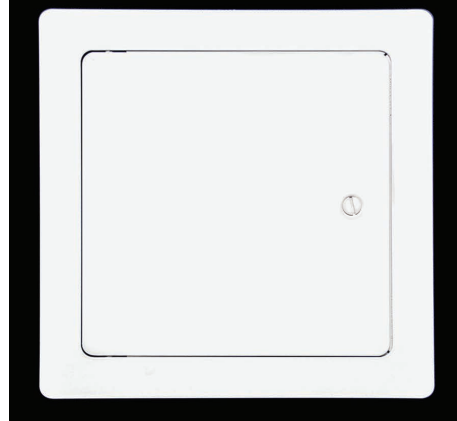
Item No.	Description	Box Quantity
PC 6.6 SDL	Prime Coat 6" x 6"	1
PC 8.8 SDL	Prime Coat 8" x 8"	1
PC 10.10 SDL	Prime Coat 10" x 10"	1
PC 12.12 SDL	Prime Coat 12" x 12"	1
PC 14.14 SDL	Prime Coat 14" x 14"	1
PC 16.16 SDL	Prime Coat 16" x 16"	1
PC 18.18 SDL	Prime Coat 18" x 18"	1
PC 24.24 SDL	Prime Coat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



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
(Cx C)



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




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

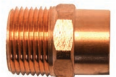
90° Street Long Radius
Fitting to Copper (FxC)



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 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.

Couplings

w/ Roll Stop

Copper to Copper (CxC)



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
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

Copper to Copper (CxC)



Item No.	OD Size	Pcs/ Bag	Pcs/ Case
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
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



Certified to NSF/ANSI 61
Manufactured to ASME E16.22
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.

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

MaxiPro Press Fittings

DESCRIPTION:

MaxiPro is an innovative press system that provides a secure and permanent joint and is quick and simple to install. Designed for air conditioning and refrigeration applications.

FEATURES:

- Benefits from 3-point press - one press point each side of the bead, and one press point compressing the O-ring, providing a permanent and secure joint
- Lead-in edge design aids installation and helps protect the O-ring from damage or displacement
- Quick, simple, and easy to use, with reliable, repeatable, permanent, tamper-proof connections every time
- Backed by experienced technical support, customer service teams and training
- Reduced installation time, lower overall cost
- Intrinsically safe - no fire hazard, dangerous materials or fumes
- UL Certified Recognized Component



Elbows

90°

Copper
to Copper
(CxC)



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5002 0020001	1/4"	5	200
MPA5002 0030001	3/8"	5	200
MPA5002 0040001	1/2"	3	120
MPA5002 0050001	5/8"	3	90
MPA5002 0060001	3/4"	3	120
MPA5002 0070001	7/8"	3	120
MPA5002 0080001	1"	2	80
MPA5002 0090001	1-1/8"	2	60

90°
Street

Fitting to
Copper
(FxC)



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5001 0030001	3/8"	3	210
MPA5001 0040001	1/2"	3	120
MPA5001 0050001	5/8"	3	120
MPA5001 0060001	3/4"	3	120
MPA5001 0070001	7/8"	3	120
MPA5001 0080001	1"	2	80
MPA5001 0090001	1-1/8"	2	60

45°

Copper to
Copper
(CxC)



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5041 0020001	1/4"	3	180
MPA5041 0030001	3/8"	3	180
MPA5041 0040001	1/2"	3	120
MPA5041 0050001	5/8"	3	120
MPA5041 0060001	3/4"	3	120
MPA5041 0070001	7/8"	3	120
MPA5041 0080001	1"	2	80
MPA5041 0090001	1-1/8"	2	80

MaxiPro Press Fittings

DESCRIPTION:

MaxiPro is an innovative press system that provides a secure and permanent joint and is quick and simple to install. Designed for air conditioning and refrigeration applications.

Couplings

Straight

Copper to
Copper
(Cx C)



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5270 0020001	1/4"	5	200
MPA5270 0030001	3/8"	5	200
MPA5270 0040001	1/2"	5	150
MPA5270 0050001	5/8"	5	150
MPA5270 0060001	3/4"	2	80
MPA5270 0070001	7/8"	2	110
MPA5270 0080001	1"	2	100
MPA5270 0090001	1-1/8"	2	80

Couplings

Reducing

Copper to
Copper
(Cx C)



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5240 0040301	1/2" x 3/8"	2	150
MPA5240 0050301	5/8" x 3/8"	2	150
MPA5240 0050401	5/8" x 1/2"	2	120
MPA5240 0060301	3/4" x 3/8"	2	120
MPA5240 0060401	3/4" x 1/2"	2	120
MPA5240 0060501	3/4" x 5/8"	2	120
MPA5240 0070401	7/8" x 1/2"	2	100
MPA5240 0070501	7/8" x 5/8"	2	100
MPA5240 0070601	7/8" x 3/4"	2	100
MPA5240 0090501	1-1/8" x 5/8"	1	80
MPA5240 0090601	1-1/8" x 3/4"	1	80
MPA5240 0090701	1-1/8" x 7/8"	1	60

Fitting Reducers

Fitting to
Copper
(Fx C)



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5243 0030201	3/8" x 1/4"	2	150
MPA5243 0040301	1/2" x 3/8"	2	150
MPA5243 0050301	5/8" x 3/8"	2	150
MPA5243 0050401	5/8" x 1/2"	2	150
MPA5243 0060401	3/4" x 1/2"	2	120
MPA5243 0060501	3/4" x 5/8"	2	100
MPA5243 0070401	7/8" x 1/2"	2	80
MPA5243 0070501	7/8" x 5/8"	2	80
MPA5243 0070601	7/8" x 3/4"	2	80
MPA5243 0090401	1-1/8" x 1/2"	1	100
MPA5243 0090501	1-1/8" x 5/8"	1	100
MPA5243 0090601	1-1/8" x 3/4"	1	100
MPA5243 0090701	1-1/8" x 7/8"	1	100

Caps



Item No.	Size	Pcs/ Bag	Pcs/ Box
MPA5301 0020001	1/4"	3	180
MPA5301 0030001	3/8"	3	180
MPA5301 0040001	1/2"	3	150
MPA5301 0050001	5/8"	2	150
MPA5301 0060001	3/4"	2	150
MPA5301 0070001	7/8"	2	150
MPA5301 0080001	1"	1	100
MPA5301 0090001	1-1/8"	1	100

*Tees and other fittings and additional sizes are available on request.
Contact representative for product availability.*

Installation Fittings

MaxiPro Press Tools

DESCRIPTION:

MaxiPro is an innovative press system that provides a secure and permanent joint and is quick and simple to install. Designed for air conditioning and refrigeration applications.

ROMAX® 4000

270° Rotating Jaw Fixture

Easily work in tight spaces

Balanced Weight Distribution

Ergonomic for prolonged use

Expanded Service Interval

40,000 cycles

Improved Cordless Technology

One battery fits all Rothenberger cordless tools

ROMAX® 4000 Jaws Compatible with Other Press Systems

Many 32kN including Ridgid 300 family of tools and Milwaukee M18 Force Logic



Press Fittings for AC /Refrigeration Solutions

Flame Free, No Flare

Use with applications up to 700 PSI



The ROMAX® 4000 operates in just 5 seconds, weighs only 3.6kg/7.9lbs and uses a force of 32kN. It can press from 12mm to 110 mm² and is therefore the perfect all-rounder amongst the ROTHENBERGER press machines.

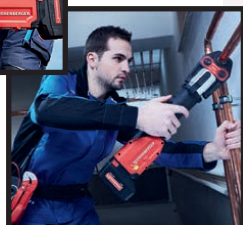
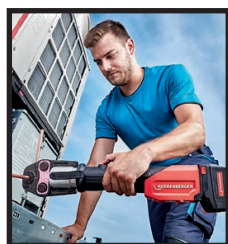
PRESS TOOL

Item No.	Description
1000001929	MaxiPro Romax® 4000 Press Tool: <ul style="list-style-type: none"> • 270° Rotating Jaw Fixture • Balanced Weight Distribution • Service Interval at 40,000 cycles/2 yrs. • 3 year warranty & two 4.0Ah batteries • Charger & Case

* Certification Required for Warranty.
Please inquire to Service Managers for scheduling.

JAW SETS

Item No.	Description
1000002206	MaxiPro Romax® 4000 - 7 Jaw Set: <ul style="list-style-type: none"> • Jaw Set sizes include: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, & 1-1/8 • Fits 32kN Standard Press Tools • Comes with Case and Installation aides
1000001889	MaxiPro Romax® 4000 Jaw 1/4"
1000001890	MaxiPro Romax® 4000 Jaw 3/8"
1000001891	MaxiPro Romax® 4000 Jaw 1/2"
1000001892	MaxiPro Romax® 4000 Jaw 5/8"
1000001893	MaxiPro Romax® 4000 Jaw 3/4"
1000001894	MaxiPro Romax® 4000 Jaw 7/8"
1000001895	MaxiPro Romax® 4000 Jaw 1"
1000001896	MaxiPro Romax® 4000 Jaw 1 1/8"



MaxiPro Press Tools

DESCRIPTION:

MaxiPro is an innovative press system that provides a secure and permanent joint and is quick and simple to install. Designed for air conditioning and refrigeration applications.

ROMAX® TT

BALANCE

The perfectly balanced weight distribution enables users to work comfortably - even over long periods of time.

SIZE

The 13" ROMAX® Compact TT only weighs 5.5 lbs

POWER

Newly developed hydraulic system enabling pressing of metal fitting up to 1 1/4 inches

COMPATIBILITY

ROMAX® TT Jaws compatible with Ridgid 200 family and Milwaukee M12 Force Logic



Press Fittings for AC /Refrigeration Solutions

Flame Free, No Flare

Use with applications up to 700 PSI



The ROMAX® Compact TT is 3 seconds fast, 2.5kg/5.5lbs light and 19kN strong. Through the perfect handling, the machine is particularly suitable for domestic installations, high volume pressings or service installations

PRESS TOOL		JAW SETS	
Item No.	Description	Item No.	Description
1000002128	MaxiPro Romax® TT Compact Press Tool: <ul style="list-style-type: none"> • 270° Rotating Jaw Fixture • Only 34cm in length for small spaces • Service Interval at 40,000 cycles/2 yrs. • 3 year warranty & two 2.0Ah battery • Charger & Case 	1000002602	MaxiPro Romax® TT -- 6 Jaw Set: Jaw Set sizes include: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8 Fits: Rothenberger Twin Turbo Compact Ridgid 200 family of tools Milwaukee M12 Press Comes with Case and Installation aides
		1000002484	MaxiPro Romax® TT Jaw 1/4"
		1000002485	MaxiPro Romax® TT Jaw 3/8"
		1000002486	MaxiPro Romax® TT Jaw 1/2"
		1000002487	MaxiPro Romax® TT Jaw 5/8"
		1000002488	MaxiPro Romax® TT Jaw 3/4"
		1000002489	MaxiPro Romax® TT Jaw 7/8"
		1000002490	MaxiPro Romax® TT Jaw 1"
		1000002491	MaxiPro Romax® TT Jaw 1 1/8"

* Certification Required for Warranty.
Please inquire to Service Managers for scheduling.



DA-CAT002-052020

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

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



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



DA-CAT002-052020

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

PVC Condensate Traps

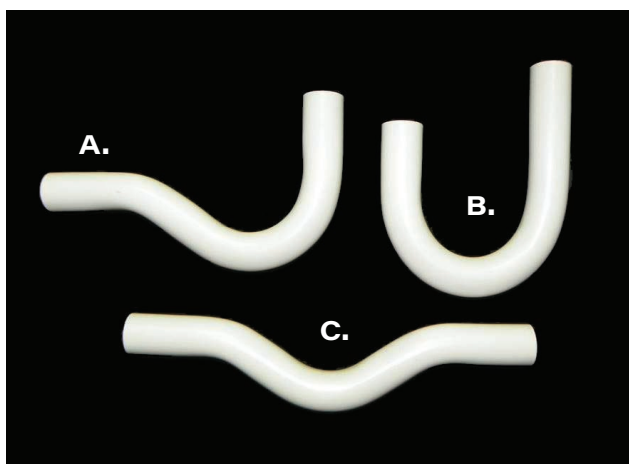
DESCRIPTION:

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 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
Safety Switch Model										
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
Tubing Model										
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
Safety Switch and Tubing Model										
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

Condensate/Line Management



Sold only in Texas, New Mexico and Oklahoma

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
Safety Switch Model										
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
Safety Switch and Tubing Model										
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
Sweat Sleeve and Safety Switch Model										
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
Safety Switch Model										
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
Safety Switch and Tubing Model										
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



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

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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



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



TPS



TPT



TPR

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



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

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



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

Condensate/Line Management



Sold only in Texas, New Mexico and Oklahoma

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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(01) Credit Terms:

Cash: 2% ten (10) days, net thirty (30) days

Past Due: Accounts past due over sixty (60) days will be subjected to a late charge of 1-1/2% per month. Accounts that regularly pay beyond policy terms will be denied open account status.

(02) Prices: All prices are subject to change without notice.

(03) Full Freight Allowance Policy: HMC will pay full freight on our selected carrier to a single destination within 48 hours to contiguous states on orders totaling \$1200.00 net or 1000 lbs.

(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.

(05) Shipping Shortages: HMC will not be responsible for shipping shortages that are signed as cleared.

(06) Order(s) Additions and Changes: While we make every effort to ship our product according to your specific instructions, additions or changes to your order may reach us too late to be implemented. We ship most orders within one (1) working day.

(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.

Mail: HMC
Customer Service Dept
2029 Westgate Drive, Suite 120
Carrollton, TX 75006-6474

Phone: (972) 888-3808

Email: Team8@hughcunningham.com

HMC will not receive product(s) without an issued HMC RGA number. In order to be processed, all RGA requests must reference our order number, our invoice number, and the customers purchase order number, which must be less than twelve (12) months old. In order to be accepted, all returned material must be in multiples of the stated catalog, minimum order quantity and in original condition. Specials or custom made product(s) are not considered normal stock and therefore cannot be returned, except in case of manufacturer's defect. Customers will be charged 10% of invoice price for product(s) restocking. An RGA is invalid if referenced product(s) is not received within forty-five (45) days of an RGA issue date. Issuance of the RGA does authorize the customer to deduct the value of the return once product is returned to HMC and found to be in acceptable condition. HMC will issue a credit memo for returned product(s) and related expenses (i.e. shipping) when applicable. HMC reserves the right to deny, nullify or cancel an RGA at its discretion.

(08) Rust, Corrosion Exception: HMC will not accept for return, nor issue RGA for any product(s) that exhibit the presence of rust, corrosion, or tarnishing due to inadequate, careless, or improper care, storage, sheltering or protection from the weather or environment.

(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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Team8@hughcunningham.com

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