



# PRODUCT CATALOG EDITION 4

Professional grade products for the building trades

[www.PreferredConstructionProducts.com](http://www.PreferredConstructionProducts.com)



**PreferredConstructionProducts® offers professional grade products for the building trades.**  
**Our family of companies include:**



#### **BigGuyConstructionProducts®**

a variety of blue chip components and parts for building trade wholesalers: floor sinks, expansion tanks, gas products, etc.



#### **BigGuyToiletSeats®**

a selection of residential wood and commercial plastic toilet seats



#### **CraftedMetal®**

metal building products from nail plates to access doors



#### **DirectedAir®**

products for the HVAC market: fittings, condensate accessories, PTACs, support strap and cable ties, etc.



#### **LabSafetySystems®**

utility control systems for school science laboratories, classrooms and research facilities



#### **LittleBuddyTools™**

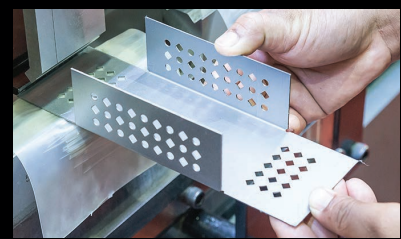
building trade tools



#### **TailWindRepairParts™**

replacement and OEM repair parts for premium brand water heaters, pumps and circulators, and backflow

**All products available for wholesale trade only.**



# Table of Contents

## Plumbing Fixtures & Accessories ..... 5

*Floor Sinks...Trap Standards...Residential & Commercial Toilet Seats...HVAC, Thermal, Hydro-Pneumatic, and Potable Water Expansion Tanks...Press Fittings*

## Water Management ..... 19

*Dilution & Neutralization Tanks...Adjustable Reach Key*

## Construction Accessories ..... 23

*Drywall Access Doors...Fire-Rated Access Doors...Stud Guards...FHA Strap...Boca Plates...Pipe Strap...Plumber's Tape...Duct Tape*

## HVAC Products ..... 33

*Web Duct Strap...Paint Brushes...Cable Ties...Copper Fittings...Press Fittings & Tools...Malleable Fittings...PVC Condensate Traps...Dryer Boxes...Condensate Pumps*

## Safety Controls & Utility Controllers ..... 55

*Main Control Panels and Secondary Control Panels for gas, water, electrical emergency shut-offs*

## Gas Products ..... 61

*Risers...Compression Fittings...Gas Pipe Coil...Gas Pipe Stick...Regulators*

## Repair Parts ..... 67

*For Water Heaters...Pumps & Circulators...Backflow*



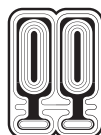
a PreferredConstructionProducts® company

**We have your residential and commercial building trade needs,  
in stock, in our state of the art warehouses!**



**Floor Sinks  
and Grates**

Cast iron, porcelain  
coated, aluminum  
dome strainer



SINCE 1908  
**wessels  
company**

Complete line of tanks  
for all purposes



Floor Sinks .....	6
Trap Standards .....	7
Residential Toilet Seats .....	8
Commercial Toilet Seats .....	10
Thermal Expansion Tanks .....	12
HVAC Expansion Tanks .....	13
Hydro-Pneumatic Expansion Tanks .....	13
Other Expansion Tanks .....	15
Potable Water Expansion Tanks .....	16
MaxiPro Press Fittings and Tools .....	17



# Plumbing Fixtures & Accessories

## Floor Sinks

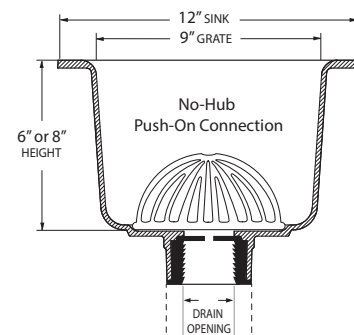
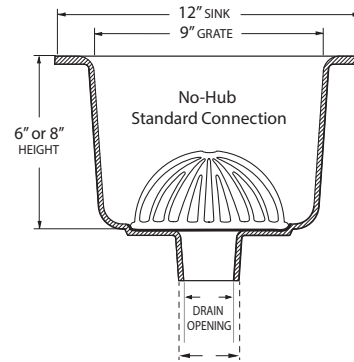
### DESCRIPTION:

BigGuy® offers 12" x 12" cast iron sanitary Floor Sinks with white acid-resistant porcelain coating. Aluminum dome interior bottom strainer included. Grate sold separately.



### 12" Square Floor Sink

No-Hub Connection	Item No.	Dimension	Drain Opening	Depth	Drain Outside Diameter
	FS1212-6-2NH	2x12x12	2"	6"	2.35"
	FS1212-6-3NH	3x12x12	3"	6"	3.35"
	FS1212-6-4NH	4x12x12	4"	6"	4.38"
	FS1212-8-2NH	2x12x12	2"	8"	2.35"
	FS1212-8-3NH	3x12x12	3"	8"	3.35"
	FS1212-8-4NH	4x12x12	4"	8"	4.38"
Push-On Connection	Item No.	Dimension	Drain Opening	Depth	Drain Outside Diameter
	FS1212-6-2P	2x12x12	2"	6"	3.35"
	FS1212-6-3P	3x12x12	3"	6"	4.45"
	FS1212-6-4P	4x12x12	4"	6"	5.67"
	FS1212-8-2P	2x12x12	2"	8"	3.35"
	FS1212-8-3P	3x12x12	3"	8"	4.45"
	FS1212-8-4P	4x12x12	4"	8"	5.67"



### FEATURES:

- 12" x 12" sanitary floor sink
- Cast iron with white acid-resistant porcelain coating
- Aluminum dome interior bottom strainer included.
- Grate sold separately

### Grates for Floor Sink

Item No.	Description	Fits Dimension	Grate Dimension
FSG12	Full Grate	12x12	9x9
FSG12-1/2	Half Grate	12x12	9x9
FSG12-3/4	3/4 Grate	12x12	9x9

### FEATURES:

- Loose set acid-resistant coated cast iron
- Optional nickel/bronze grate available
- Grates sold separately from Floor Sinks



**DESCRIPTION:**

BigGuy® offers a cast iron epoxy coated "P" Trap Standard for 3" iron pipe. Includes chrome plated bronze strainer, rubber gasket, clean-out plug and cast iron base plate. For use with all wall mounted service sinks.

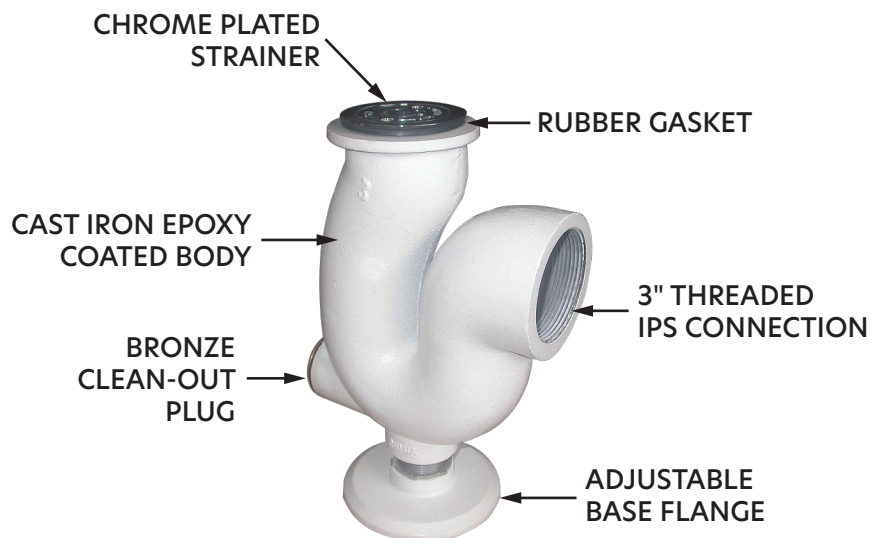


### 3" Trap Standard

Item No.	Size
BG003W	3"

**FEATURES:**

- Cast iron, epoxy coated body
- Includes chrome plated bronze strainer & rubber gasket
- Bronze clean-out plug
- Cast iron base plate with adjustable base flange
- 3" threaded IPS connection (inlet)



# Plumbing Fixtures & Accessories

## Residential Toilet Seats

### DESCRIPTION:

BigGuyToiletSeats® for residential applications have molded wood construction and top-mounted hinges with non-corrosive plastic hardware.



### Round Wood Toilet Seat

Item No.	Description	Size	Color	Qty/Case
1710-2	Round	17"	White	5
1710-EC-2	Round Economy	17"	White	6

### FEATURES:

- 17" Round design
- Molded wood construction
- Multiple coats of enamel finish
- Top mounted hinges
- Non-corrosive plastic hardware
- White
- Regular design features sculpted full coverage lid with 4 bumpers and hinges with large mounting surface for greater stability
- Economy design features closed front with cover and 2 bumpers

#### 1710-2



#### 1710-EC-2



# Plumbing Fixtures & Accessories

## Residential Toilet Seats

### DESCRIPTION:

BigGuyToiletSeats® for residential applications have molded wood construction and top-mounted hinges with non-corrosive plastic hardware.



### Elongated Wood Toilet Seat

Item No.	Description	Size	Color	Qty/Case
1910-2	Elongated	19"	White	5
1910-3	Elongated	19"	Biscuit	5
1910-EC-2	Elongated Economy	19"	White	6
1910-EC-3	Elongated Economy	19"	Biscuit	6

### FEATURES:

- 19" Elongated design
- Molded wood construction
- Multiple coats of enamel finish
- Top mounted hinges
- Non-corrosive plastic hardware
- 4 bumpers
- Both regular and economy models come in white or biscuit
- Regular design features sculpted full coverage lid and hinges with large mounting surface for greater stability
- Economy design features closed front with cover

#### 1910-2 (-3)



#### 1910-EC-2 (-3)



# Plumbing Fixtures & Accessories

## Commercial Toilet Seats

### DESCRIPTION:

BigGuyToiletSeats® for commercial applications have plastic construction and, unless specified, top-mounted hinges with non-corrosive plastic hardware.



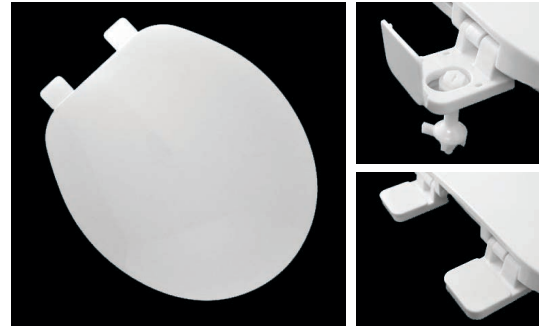
### Round Plastic Toilet Seat

Item No.	Description	Size	Qty/Case
1720-2	Round	17"	5
1720-EZSC-2	Round, Easy Clean, Slow Close	17"	5

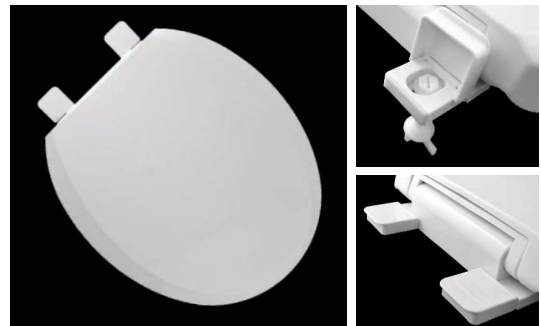
### FEATURES:

- 17" Round design
- Plastic construction
- Closed front with cover
- Top mounted hinges with non-corrosive plastic hardware
- 4 molded bumpers
- White
- EZSC model features easy-to-clean hinges and a slow close seat

#### 1720-2



#### 1720-EZSC-2



# Plumbing Fixtures & Accessories

## Commercial Toilet Seats

### DESCRIPTION:

BigGuyToiletSeats® for commercial applications have plastic construction and, unless specified, top-mounted hinges with non-corrosive plastic hardware.



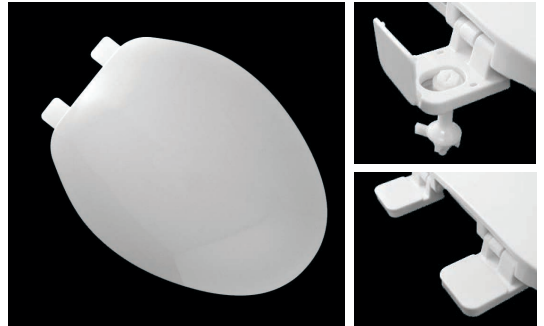
### Elongated Plastic Toilet Seat: Closed Front

Item No.	Description	Size	Color	Qty/Case
1920-2	Closed Front, Cover	19"	White	5
1920-EZSC-2	Closed Front, Cover, Easy Clean, Slow Close	19"	White	5

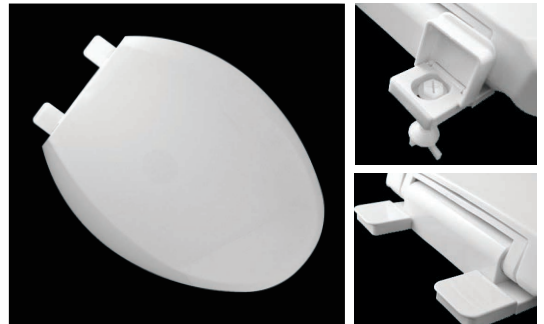
### FEATURES:

- 19" Elongated design
- Plastic construction
- Closed front with cover
- 4 molded bumpers
- Top mounted hinges with non-corrosive plastic hardware
- White
- EZSC model features easy-to-clean hinges and a slow close seat

#### 1920-2



#### 1920-EZSC-2



### Elongated Plastic Toilet Seat: Open Front

Item No.	Description	Size	Color	Qty/Case
19215-2	Open Front, No Cover	19"	White	5
19215-HD-2	Open Front, No Cover, Heavy Duty	19"	White	5

### FEATURES:

- 19" Elongated design
- Plastic construction
- Open front without cover
- 4 molded bumpers
- Top mounted, stainless steel, self-sustaining hinges
- White
- HD model features heavy duty construction

#### 19215-2



#### 19215-HD-2



# Plumbing Fixtures & Accessories

## Thermal Expansion Tanks

BigGuy®/Wessels offers three expansion tank designs: Compression, Bladder and Diaphragm. Each tank style has models that are either ASME or Non-ASME coded. Tanks range in size from 2 to 10,000 gallons. Most of BigGuy®/Wessels pressure vessels are designed using a pre-pressurized vessel with an internal bladder or diaphragm to manage fluids under pressure.



Made by:  **wessels**  
company



Wessels Company has introduced a new smart style tank system standard on all fixed and removable bladder ASME tanks. This new bracket system includes a tamper-resistant guard mount that houses a pressure gauge and the WessView® sight glass monitor.

WessView® features a proprietary patented technology for maintenance and troubleshooting expansion tanks. This integrity monitor “bullseye” turns red when it comes in contact with water. The monitor allows operating engineers and service technicians to quickly and easily determine if water has breached the internal bladder or diaphragm.

Tanks also include a new, integrated pressure gauge. Users are now able to immediately read a positive indication of pressure charge on a gauge that comes standard on every ASME unit.

The new design also includes a coupling on the tank, air side, to allow easy installation of the company's patented WessGuard® smart-tank monitor.



## Thermal Expansion Tanks

Domestic Water Heaters • Hot Potable • Open Systems • Corrosive Resistant Wetted Parts

Used to absorb the additional volume of potable water created by a domestic water heater. These tank designs incorporate a diaphragm or bladder to isolate the expanded water from the pressure controlling air cushion.

Model	Description	ASME	Gallons	Max Pressure
<b>T-Series</b>	Fixed Diaphragm	non-ASME	2.1-132.0	150 PSIG
<b>TX-Series</b>	Removable Bladder	non-ASME	2.1-79.2	150 PSIG
<b>TTA-Series</b>	Fixed Diaphragm	ASME	3.5-90.0	150 PSIG
<b>TXA-Series</b>	Removable Bladder	ASME	10.0-528.0	150/200/250 PSIG
<b>TXA-WG-Series</b>	Smart Tank w/WessGuard®	ASME	10.0-528.0	150/200/250 PSIG
<b>TXA-FF-Series</b>	Full-Flow (Flow-Through)	ASME	23.0-528.0	150 PSIG

### FEATURES:

- Pre-charged (30PSIG/40PSIG TX)
- 240°F Maximum Temp
- Carbon steel shell and heavy duty butyl (FDA approved) bladder or diaphragm

#### TXA series

- One of the industry's most robust bladder style tanks
- Can be installed vertically or horizontally
- Free standing models have system connection at the bottom of tank
- Designed to be installed between a backflow preventer and a hot water heater
- Easily replaced in the field
- Easily draining to assist in establishing proper air charge



# Plumbing Fixtures & Accessories

## HVAC and Hydro-Pneumatic Expansion Tanks

BigGuy®/Wessels offers three expansion tank designs: Compression, Bladder and Diaphragm. Each tank style has models that are either ASME or Non-ASME coded. Tanks range in size from 2 to 10,000 gallons. Most of BigGuy®/Wessels pressure vessels are designed using a pre-pressurized vessel with an internal bladder or diaphragm to manage fluids under pressure.



Made by: wessels company

### HVAC Expansion Tanks

Closed Loop • Non-Potable • Hydronic Heating & Cooling • Heat Transfer

Model	Description	ASME	Gallons	Max Pressure
<b>N-Series</b>	Fixed Diaphragm	non-ASME	2.1-79.4	150 PSIG
<b>NL-Series</b>	Removable Bladder	non-ASME	2.1-132.1	150 PSIG
<b>NTA-Series</b>	Fixed Diaphragm	ASME	7.8-211	150 PSIG
<b>NLA-Series</b>	Removable Bladder	ASME	10-3963	125 PSIG
<b>NLAP-Series</b>	Top System Connection Replaceable Bladder	ASME	11-290	125 PSIG
<b>NVA-Series</b>	Bottom System Connection Removable Bladder	ASME	15-525	125 PSIG
<b>NLA-HP-Series</b>	High Pressure Removable Bladder	ASME	10-3963	200/250 PSIG
<b>NA-Series</b>	Plain Carbon Steel Compression	ASME	15-525	varies 125/150 PSIG
<b>NAG-Series</b>	Galvanized Carbon Steel Compression	ASME	15-525	varies 125/150 PSIG



#### FEATURES:

- Pre-charged (12PSIG)
- Carbon steel shell and heavy duty butyl (FDA approved) bladder or diaphragm
- N, NL, NTA, NLA, NLAP, NVA 240°F Max Temp; NA, NAG 450°F Max Temp
- NTA, NLA, and NLAP series can be installed vertically or horizontally



Fixed diaphragm  
non-ASME tanks

### Hydro-Pneumatic Tanks

Cold Potable Applications • Pressure Booster Packages • Water Well Systems • Irrigation Systems

Designed to deliver water under pressure between pump cycles to provide sufficient flow to meet demands. In order to provide efficient water supply, hydro-pneumatic tanks regulate system pressures to quickly meet system demand.

Model	Description	ASME	Gallons	Max Pressure
<b>FX-Series</b>	Removable	non-ASME	2.1-528.0	150 PSIG
<b>FXT-Series</b>	Fixed Diaphragm	ASME	8-210	200 PSIG
<b>FXA-Series</b>	Removable Bladder 125PSI	ASME	10-3963	125/200/250 PSIG
<b>FXA-WG-Series</b>	Removable Bladder w/WessGuard®	ASME	10-3963	125/200/250 PSIG
<b>FXA-HP-Series</b>	High Pressure Removable Bladder	ASME	10-3963	200/250 PSIG

#### FEATURES:

- Pre-charged (30 PSIG)
- Carbon steel shell and heavy duty butyl (FDA approved) bladder or diaphragm
- 240°F Maximum Temperature
- FXA and FXT series can be installed vertically or horizontally



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

PCP-CAT004-052020 © 2020 PCP – All Rights Reserved



# Plumbing Fixtures & Accessories

## Expansion Tank Options

### DESCRIPTION:

BigGuy®/Wessels offers additional monitoring tools for critical mechanical system protection. WessGuard® acts to protect the critical components of the mechanical system by monitoring the effectiveness of the system expansion tank.



Made by:  **wessels**  
company

## Additional Wessels Tank Option:

### WessGuard®



Wessels Company's patented WessGuard® monitor is a smart tank add-on that provides essential protection by alerting you early before you have a maintenance issue with your expansion tank.

WessGuard® acts to protect the critical components of the mechanical system by using a non intrusive capacitive sensor to monitor the effectiveness of the system's bladder tank.

The WessGuard® is a patented alarm and sensor package that monitors the removable butyl bladder inside pre-charged expansion vessels. The new and improved sensor is capacitive, rather than pressure sensitive, so it can detect both the presence of the bladder and water.

If the bladder extends beyond the normal movement, the WessGuard® monitor will activate an audible and LED alarm to notify maintenance staff of a potential system issue. In the case of compromised bladder integrity, water level will rise and activate the alarm. WessGuard® is the industry's first and only sentry for critical mechanical system protection.

The WessGuard® also features a dry set of contacts, making it fully Energy Management System (EMS) compatible.

WessGuard® can be installed on new or retrofit to many of the vessels installed today

# Plumbing Fixtures & Accessories

## Additional Products

### DESCRIPTION:

BigGuy®/Wessels offers a full line of Specialty Tanks and Accessories covering a wide range of applications.

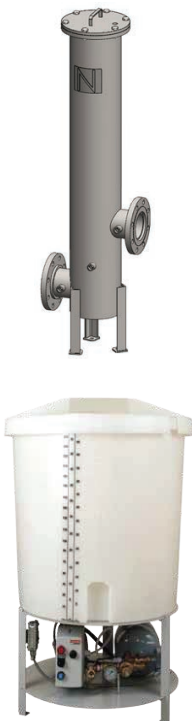


Made by:  **wessels**  
company



### Additional Wessels Products Available:

- Bladder Replacements
- Air and Dirt Elimination Equipment
- Chilled Water Buffer Tanks
- Hot Water Buffer Tanks
- Filtration
- Glycol Make-Up Packages
- Heat Exchangers
- Chemical Pot Feeder Tanks
- Condensate Neutralizers
- Primary/Secondary Headers
- Severe Service Products  
(Stainless Steel Tanks/Epoxy-Lined Tanks)
- Shock and Surge Tanks
- Steam Accessories  
(Flash Tanks/Blowdown Tanks)
- Storage Tanks  
(Glass/Epoxy-Lined)
- Fire Shock Protection Tanks
- Insulation Jackets
- Replacement Parts



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

PCP-CAT004-052020 © 2020 PCP – All Rights Reserved



# Plumbing Fixtures & Accessories

## Potable Water Expansion Tanks

### DESCRIPTION:

BigGuyXpansionTanks™ absorb any increased volume of water created by thermal expansion and maintain balanced pressure throughout a potable water supply system, such as water heaters and hot water storage tanks.



## Potable Water Expansion Tanks

Item No.	Tank Volume	Connection	Diameter	Length	Pallet Quantity
BG-PXT-5	2.1 Gallons	3/4" male	8"	12"	80
BG-PXT-12	4.5 Gallons	3/4" male	11"	155"	36

### FEATURES:

- Absorbs water caused by thermal expansion
- Returns water to the system when hot water is used
- Prevents dangerous pressure buildup
- Stops wasted energy, dripping faucets, toilet valve running, intermittent and pressure relief valve discharge
- Protects water heater, appliances, and fixtures
- Drawn steel construction
- Flexible butyl diaphragm separating the air chamber from the water chamber
- Stainless steel connector
- Certified for maximum temperature of 200°F and maximum pressure of 150 psi



# Plumbing Fixtures & Accessories

## MaxiPro Press Fittings and 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.

Conex | Bänninger  
>B< MaxiPro

Offered by:  
**DirectedAir**

Conex | Bänninger  
>B< MaxiPro

### 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



See page 40 for details

**ROTHENBERGER**  
pipetool technologies at work

Press Fitting Tools for AC /Refrigeration  
Solutions

**Flame Free, No Flare**

Use with applications up to 700 PSI

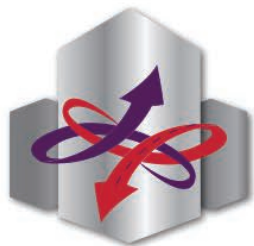


See page 42 for details

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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved





# DISTRIBUTION GROUP

the premier construction products warehousing partner



Currently Three Locations in South Central USA



## First and Foremost is Service

*Dependable, courteous, and responsive. Our goal is 100% customer satisfaction.*

## Warehouse Operations

*System engineered for maximum productivity, cost reduction, short order fulfillment times, and increased customer satisfaction.*

## Services

*We can tailor a program to meet a customer's specific requirements, needs, and goals. Our policies and procedures are structured around those of our manufacturers and customers.*

## Transportation Operations

*Most orders ship same day and arrive within one day to our customers. Primary local same day courier services are available.*

**Exclusive warehousing source and distribution center for PreferredConstructionProducts®**



Dilution and Neutralization Tanks .....	20
Adjustable Reach Key .....	21



# Water Management

## Dilution & Neutralization Tanks

### DESCRIPTION:

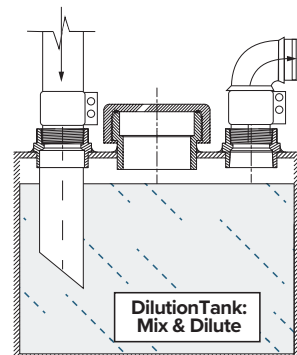
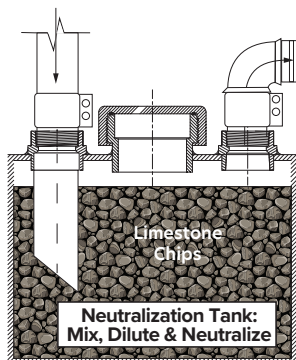
BigGuy®/ORION® tanks are designed to facilitate the dilution and neutralization of corrosive liquid waste so it is suitable for discharge into the sanitary sewer system, protecting the environment from contamination and downstream piping systems from chemical corrosion.



Made by: **ORION**  
A WATTS Brand

### FEATURES:

- Lightweight and easy to install
- Wide standard size range
- Custom configurations with respect to inlet, outlet, vent size, location and style
- Custom lid type with respect to plastic or plastic/metal combination; load bearing or non-load bearing; bolted, welded, or combination
- Custom access port type, size and location, including manholes and easy access gamma ports for inspection and limestone filling
- Fiberglass reinforced (FRP) models available
- Minimum maintenance
- High impact and high stress cracking resistance
- Where dilution alone is not sufficient for neutralization, limestone chips may be added to some models



# Water Management

## Adjustable Reach Key

### DESCRIPTION:

The LittleBuddyTools™ T-handle valve key allows for an easy and safe way to turn off water valves in hard to reach places. Designed to be fully adjustable, durable, convenient, and compact.



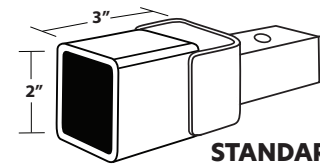
Item No.	Description	Adjustable Length
A100	Standard Key	3.5' - 6.5'
A100-CS	Standard Key/Curbstop Adapter	3.5' - 6.5'
A100-CS,WH	Standard Key/Curbstop Adapter/Wheel Handle	3.5' - 6.5'
A100-WH	Standard Key/Wheel Handle	3.5' - 6.5'
A100-HD	Heavy Duty with Standard Key	3.5' - 6.5'
A200	Standard Key	5.5' - 9.5'
A200-CS	Standard Key/Curbstop Adapter	5.5' - 9.5'
A200-CS,WH	Standard Key/Curbstop Adapter/Wheel Handle	5.5' - 9.5'
A200-WH	Standard Key/Wheel Handle	5.5' - 9.5'
A200-HD	Heavy Duty with Standard Key	5.5' - 9.5'
A500	Standard Key	5.5' - 14'
A1000	Standard Key	Custom



### FEATURES:

- Fully adjustable
- Includes breakdown handle
- Positive action Snap-Lock Rings securely hold the Adjustable-Reach KEY in any fixed position
- Folds down to a compact size to fit in trunk, under the seat, or behind pickup bench seats so you don't have to worry about the key hanging out of truck beds or the possibility of theft

Inside Dimensions



**STANDARD KEY**

**Standard Key With Curb Stop Adapter And Wheel Handle**

**Standard Key With Curb Stop Adapter**

## Accessories

Item No.	Description
ADJR CS	Curb Stop Adapter
ADJR CS2	Curb Stop Adapter for 2" Curb Stops
ADJR WH	Wheel Handle Adapter
ADJR VBC	Valve Box Cleaner Adapter
ADJR PINS	Snap Lock Pins for A100 & A200
ADJR PINS A500	Snap Lock Pins for A500
ADJR HANDLE	Handle



**ADJR CS**



**ADJR CS2**



**ADJR WH**



**ADJR VBC**



**ADJR PINS**



**ADJR PINS A500**



**ADJR HANDLE**

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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved





**CommercialAccessDoors™**,  
a division of CraftedMetal®,  
offers drywall and fire-rated  
access doors for all your  
construction needs.

See pages 24-25

Commercial  a division of  
**Access Doors**  
**CADoors**

**GAUGE METAL STAMPINGS™**  
 **CRAFTEDMETAL®**

**GaugeMetalStampings™**,  
a division of CraftedMetal®,  
offers various metal straps  
and plates, most completely  
customizable to your needs.

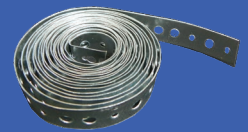
See pages 26-31

Use CraftedMetal® products  
for all of your construction needs,  
including:

**Plumbing**  
pages 6-17

**HVAC**  
pages 34-53

Drywall Access Doors .....	24
Fire Rated Access Doors .....	25
Stud Guards.....	26
FHA Straps.....	27
BOCA Plates .....	28
Galvanized Pipe Strap .....	30
Galvanized Plumber's Tape.....	31
Galvanized Duct Tape .....	31



# Construction Accessories

## 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.

Commercial a division of  
**Access Doors**  
**CADoors**

## Drywall Access Doors

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:

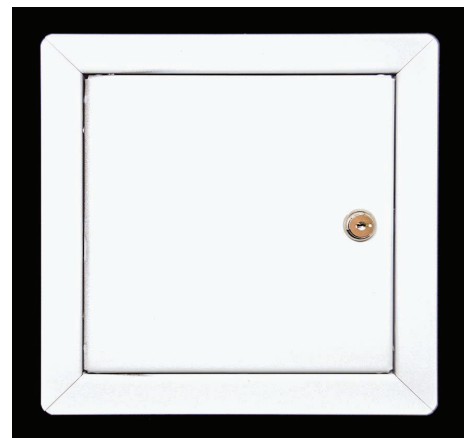
- CADoors are constructed from 16 gauge steel
- CADoors are prime coated with a white, low sheen finish allowing for easier secondary painting
- Anti - flex frame with tabs or bolt holes for easy installation
- Screwdriver operated latch

### ALSO AVAILABLE:

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



**Stainless Steel Option**



**Cylinder Lock Option**

**DESCRIPTION:**

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

Commercial  
Access Doors  
CADoors

### Fire-Rated Access Doors

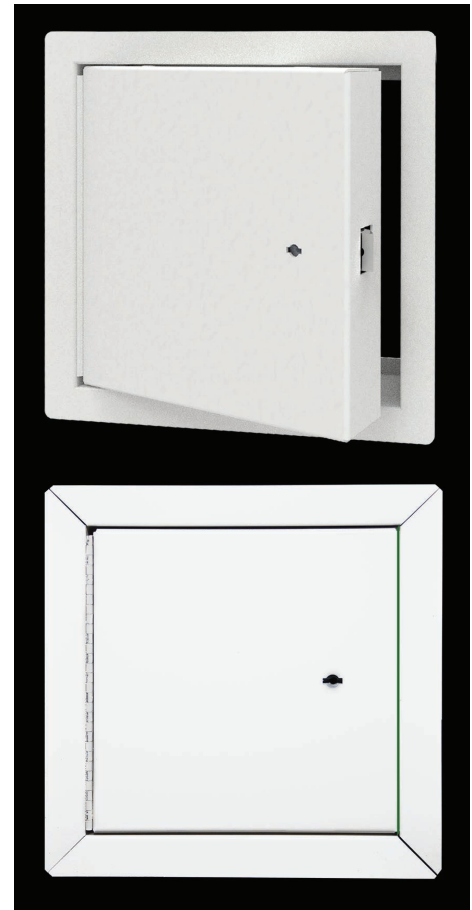
Item No.	Description	Box Quantity
FR 8.8 RTL	Prime Coat 8" x 8"	1
FR 12.12 RTL	Prime Coat 12" x 12"	1
FR 14.14 RTL	Prime Coat 14" x 14"	1
FR 16.16 RTL	Prime Coat 16" x 16"	1
FR 18.18 RTL	Prime Coat 18" x 18"	1
FR 24.24 RTL	Prime Coat 24" x 24"	1

**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



# Construction Accessories

## Stud Guards

### DESCRIPTION:

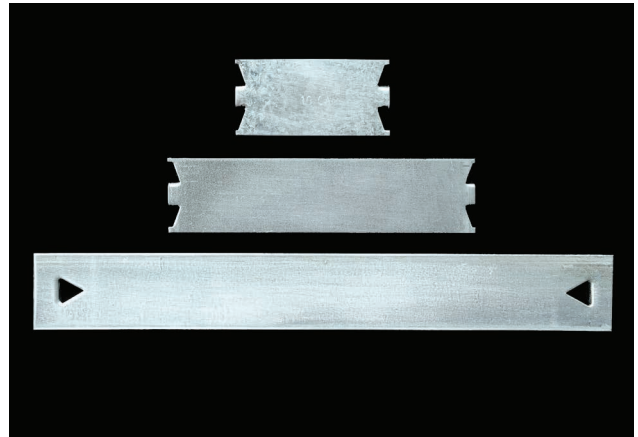
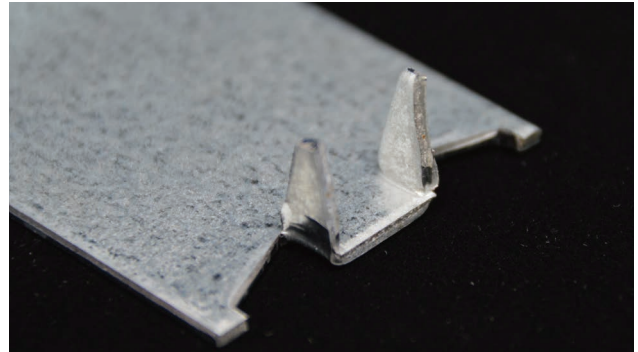
GaugeMetalStampings™ Stud Guards are short bands of metal attached to wall studs to prevent nails from penetrating and damaging pipes or wiring. GaugeMetalStampings™ Stud Guards are self-nailing and have end prongs.



## Stud Guards

Item No.	Size	Gauge	Box Quantity
15SG0318	1.5" x 3"	18	100
15SG0516	1.5" X 5"	16	100
15SG0518	1.5" X 5"	18	100
15SG0616	1.5" X 6"	16	100
15SG0618	1.5" X 6"	18	100
15SG0916	1.5" X 9"	16	100
15SG1216	1.5" X 12"	16	100
15SG1816	1.5" X 18"	16	100

Other sizes available.



### DESCRIPTION:

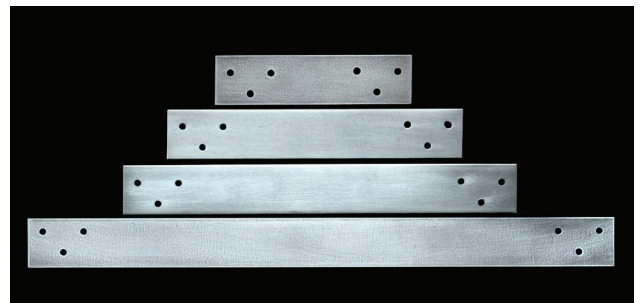
GaugeMetalStampings™ FHA Straps (or anchors) are straps of 16 gauge steel that tie two building elements together to secure the entire system.



### 1.5" FHA Straps

Item No.	Size	Gauge	Holes	Box Quantity
15F0616-6	1.5" x 6"	16	6	100
15F0916-6	1.5" x 9"	16	6	100
15F1216-6	1.5" x 12"	16	6	100
15F1816-6	1.5" x 18"	16	6	100

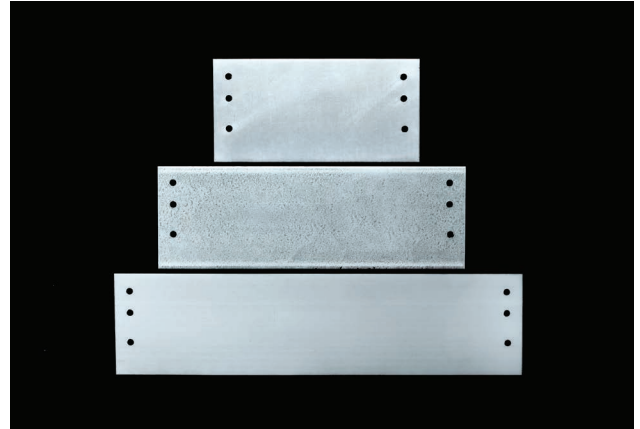
Custom sizes and hole patterns available.



### 3" FHA Straps

Item No.	Size	Gauge	Holes	Box Quantity
3B0616-6	3" x 6"	16	6	100
3B0916-6	3" x 9"	16	6	50
3B1216-6	3" x 12"	16	6	50
3B1816-6	3" x 18"	16	6	50

Custom sizes and hole patterns available.



# Construction Accessories

## BOCA Plates

### DESCRIPTION:

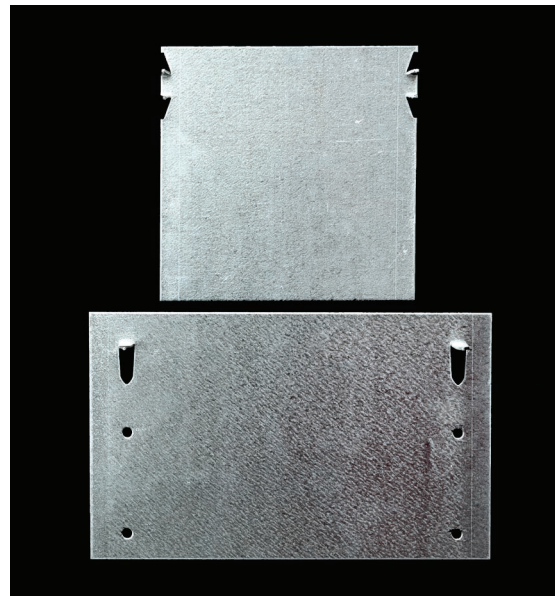
GaugeMetalStampings™ BOCA plates attach to wall studs to prevent nails from penetrating and damaging pipes or wiring. They can also reinforce stud joists. Choose from standard flat plates or self-nailing.



### Self Nailing BOCA Plates

Item No.	Size	Gauge	Box Quantity
3BSN0616	3" x 6"	16	50
5BSN0516	5" x 5"	16	50
5BSN0616	5" x 6"	16	50
5BSN0816	5" x 8"	16	50

Custom sizes and hole patterns available.



### DESCRIPTION:

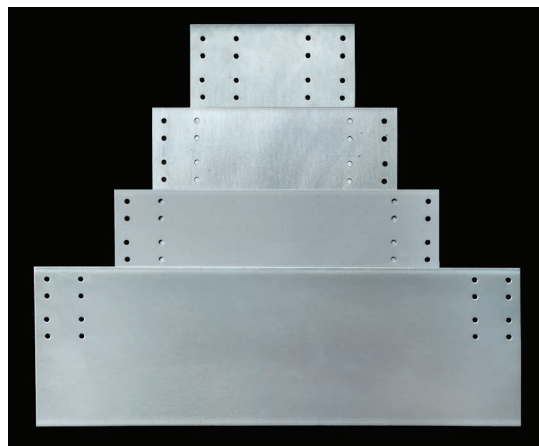
GaugeMetalStampings™ BOCA plates attach to wall studs to prevent nails from penetrating and damaging pipes or wiring. They can also reinforce stud joists. Choose from standard flat plates or self-nailing.



### Standard BOCA Plates

Item No.	Size	Gauge	Holes	Box Quantity
5B0816	5" x 8"	16	6	50
5B0916-6	5" x 9"	16	6	50
5B0916-16	5" x 9"	16	16	50
5B1216-16	5" x 12"	16	16	50
5B1816-16	5" x 18"	16	16	25
5B1216-12	5" x 12"	16	12	50
6B0616-12F	6" x 6"	16	12	50
6B0916-12F	6" x 9"	16	12	50
6B1216-12F	6" x 12"	16	12	50
6B1816-12F	6" x 18"	16	12	25
6B2416-12F	6" x 24"	16	12	25
6B0616-16G	6" x 6"	16	16	50
6B0916-16G	6" x 9"	16	16	50
6B1216-16G	6" x 12"	16	16	50
6B1816-16G	6" x 18"	16	16	25

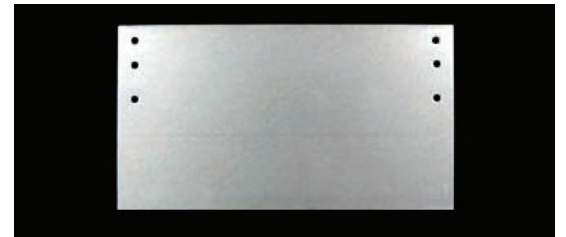
Custom sizes and hole patterns available.



6B G/16 Hole



5B 0816/6 Hole



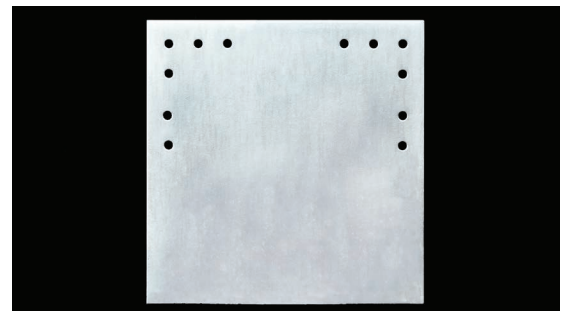
5B 0916/6 Hole



5B 1216/12 Hole



5B 1216/16 Hole



6B F/12 Hole

# Construction Accessories

## Metal Accessories

### DESCRIPTION:

GaugeMetalStampings™ offers additional stamped metal accessories for your construction needs. Galvanized 2-hold Pipe Strap secures copper tube and iron pipe to studs or joists to reduce vibration noise.



### Galvanized Pipe Strap

Item No.	Size (WxL)	Box Quantity
050GR2PS	1/2"	100
075GR2PS	3/4"	100
100GR2PS	1"	100
125GR2PS	1-1/4"	50
150GR2PS	1-1/2"	50
200GR2PS	2"	25

Other sizes available.



### DESCRIPTION:

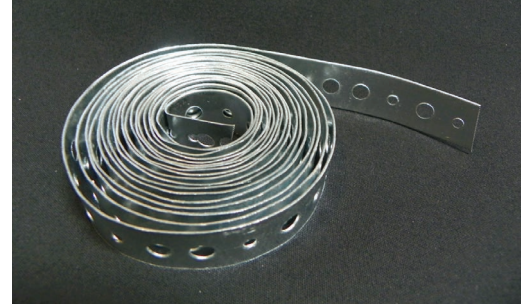
GaugeMetalStampings™ offers additional stamped metal accessories for your construction needs. Metal Duct Strap is for hanging main duct work trunk and branch lines and helps prevent the duct system from sagging over long runs.



## Galvanized Plumber's Tape

Item No.	Size (WxL)	Gauge	Box Quantity
75PT10028-10	3/4" x 100"	28	10

Other sizes available.



## Galvanized Duct Strap

Item No.	Size (WxL)	Gauge	Box Quantity
1DS10026	1" x 100"	28	1
15DS10026	1.5" x 100"	28	1
1DS1026-10	1" x 10"	28	1

Other sizes available.





# DirectedAir®

Products for the professional  
contractor for the maintenance  
of HVAC systems



High quality  
DirectedAir® products for HVAC  
system professionals include copper  
fittings, iron pipe fittings, steel nipples, web  
duct strap, cable ties,  
and more.

DirectedAir® manifolds stand ready to aid  
the HVAC professional to provide quality  
diagnostics to clients.

**Web Duct Support Strap ..... 34**

**Bristle Paint Brush ..... 34**

**Cable Ties ..... 35**

**Copper Fittings ..... 36**

**MaxiPro Press Fittings ..... 40**

**MaxiPro Press Tools..... 42**

**Black Iron Pipe Fittings..... 44**

**Black Steel Nipples ..... 45**

**PVC Condensate Traps ..... 46**

**Dryer Vent Boxes ..... 47**

**Condensate Pumps ..... 48**

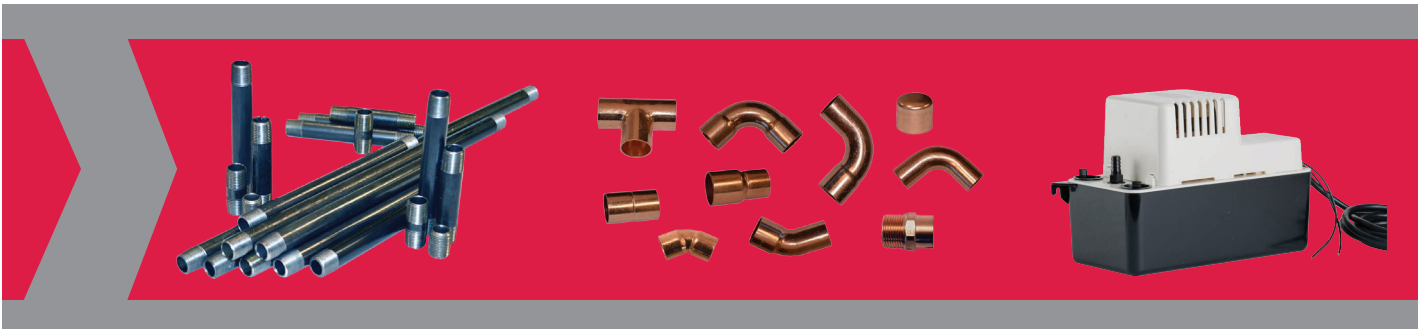
**Large/High Capacity ..... 49**

**Shallow Pan ..... 50**

**Peristaltic/Evaporative ..... 51**

**Mini-Split/ Ductless ..... 52**

**Accessories ..... 53**





### Web Duct Support Strap

#### DESCRIPTION:

DirectedAir® 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

Sold in case quantities only.

#### 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

### FEATURES:

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



\*DirectedAir® cable ties are natural color

# HVAC Products

## 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  
(Fx C)



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


### 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

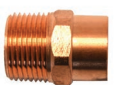
**90° Street Long Radius**  
Fitting to  
Copper  
(FxC)



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



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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved

# HVAC Products

## 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 (Cx Cx)



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 (Cx Cx)



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 (Fx Cx)



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



# HVAC Products

## Copper Fittings & PVC Condensate Traps

### 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

# HVAC Products

## 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.

Conex | Bänninger  
**>B< MaxiPro**

Offered by:  
**DirectedAir**

### 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  
(Cx/C)



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  
(Fx/C)



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  
(Cx/C)



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

### 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.

Conex | Bänninger

>B< MaxiPro

Offered by:  
**DirectedAir**

### 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.*

# HVAC Products

## 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.

Conex | Banninger  
>B< MaxiPro

Offered by:  
**DirectedAir**

**ROTHENBERGER**  
pipetool technologies at work

Press Fittings for AC /Refrigeration Solutions

**Flame Free, No Flare**

Use with applications up to 700 PSI

### 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

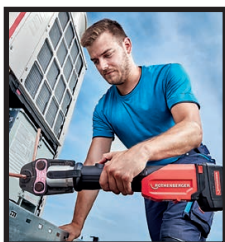


*The ROMAX® 4000 operates in just 5 seconds, weighs only 3.6kg/7.9lbs and uses a force of 32kN. It can press from 12mm to 110 mm² and is therefore the perfect all-rounder amongst the ROTHENBERGER press machines.*

### PRESS TOOL

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

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



### JAW SETS

Item No.	Description
1000002206	<b>MaxiPro Romax® 4000 - 7 Jaw Set:</b> <ul style="list-style-type: none"> <li>• Jaw Set sizes include: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, &amp; 1-1/8</li> <li>• Fits 32kN Standard Press Tools</li> <li>• Comes with Case and Installation aides</li> </ul>
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"

### 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.

Conex | Bänninger  
>B< MaxiPro

Offered by:  
**DirectedAir**

## 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

**ROTHENBERGER**  
pipetool technologies at work

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

Item No.	Description
1000002128	<b>MaxiPro Romax® TT Compact Press Tool:</b> <ul style="list-style-type: none"> <li>• 270° Rotating Jaw Fixture</li> <li>• Only 34cm in length for small spaces</li> <li>• Service Interval at 40,000 cycles/2 yrs.</li> <li>• 3 year warranty &amp; two 2.0Ah battery</li> <li>• Charger &amp; Case</li> </ul>

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



## JAW SETS

Item No.	Description
1000002602	<b>MaxiPro Romax® TT -- 6 Jaw Set:</b> 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"

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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved

# HVAC Products

## 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.



### Black Iron Pipe Fittings

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



### 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.



## Black Steel Nipples

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



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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved

# HVAC Products

## PVC Condensate Traps

### DESCRIPTION:

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

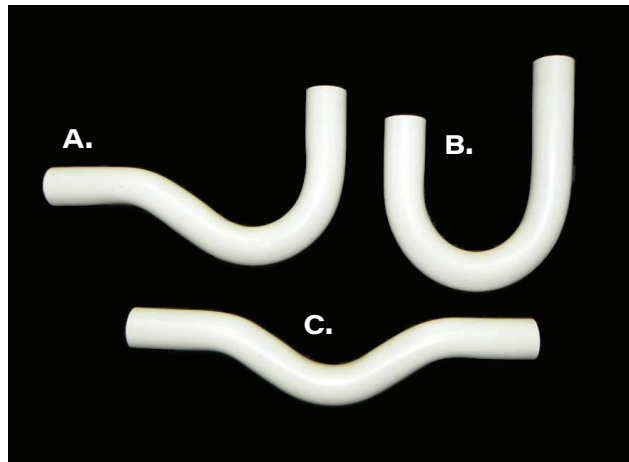


### PVC Condensate Traps

	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



### DESCRIPTION:

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

CONSTRUCTION  
SOLUTIONS

Offered by:  
**DirectedAir**

### Dryer Vent Boxes

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



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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved

# HVAC Products

## 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.



Sold only in Texas, New Mexico and Oklahoma

## 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

# HVAC Products

## Condensate Pumps - Large/High Capacity Applications

### 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.



Sold only in Texas, New Mexico and Oklahoma

### 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

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

PCP-CAT004-052020 © 2020 PCP - All Rights Reserved



# HVAC Products

## Condensate Pumps - Shallow Pan MCCU Applications

### 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.



Sold only in Texas, New Mexico and Oklahoma

### 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



### 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



# HVAC Products

## Condensate Pumps - Mini-Split/Ductless Applications

### DESCRIPTION:

The EC-1 series removes condensate from wall mount, ductless mini-split units. Can also be used to remove condensate from fans coils. Pump can be installed above the unit in false or suspended ceiling, behind the wall mount air handler, or in plastic conduit or line-set channel.



Sold only in Texas, New Mexico and Oklahoma

### 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

### 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.



Sold only in Texas, New Mexico and Oklahoma

### EC-OP-K Series - Mini-Split/Ductless Applications

#### 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 - Mini-Split/Ductless Applications

#### 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





# LabSafetySystems®

a PreferredConstructionProducts® company



**Lab Safety is not just our name...  
It's our whole purpose.**



## Utility Control Systems

Science Laboratory - Classrooms - Research Facilities

LabSafetySystems® is a provider of factory assembled, tested and UL 508A certified utility control systems for science laboratories or other instructional, research and medical facilities. These utilities include domestic water, natural gas and electricity to convenience outlets. LabSafetySystems® products are designed to give maximum flexibility in control of facility utilities both for convenience and freedom from the potential hazards of accidents or malicious mischief.

They utilize Siemens™ industrial grade, field programmable logic controllers (PLC) that allow for easy programming updates in the field should your requirements change over time.

LabSafetySystems® utility control systems offer the architect and engineering design team a full range of system components, all of which are customizable to meet your most demanding requirements as well as relevant codes and standards. Our systems are tailored to your project specific needs.



All LabSafetySystems® products are factory assembled and certified to meet UL 508A standards.

# Safety Controls & Utility Controllers

Main Control Panels .....	56
Secondary Panels.....	58



# Safety Controls & Utility Controllers

## Main Control Panels

### DESCRIPTION:

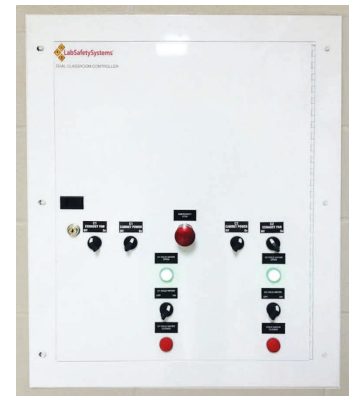
The Main Utility Control Panel (UCP) is a safety device that regulates the availability of various utilities and devices in single or multiple laboratories. These can include domestic water, natural gas and electric outlets within a science laboratory or other instructional facilities as well as research and medical facilities. Fully customizable to meet project specific needs.



Series	Description	Panel Finish	Utility Switches/Lights
CSS-UCP-S	Single Laboratory	PC or SS	For each utility
CSS-UCP-D	Dual Laboratory	PC or SS	For each utility
CSS-UCP-TS	Touch Screen *single panel controls up to 6 labs	PC or SS	Up to 4 utilities
CSS-UCP-EP-S	Integrated Electric Panel - Single Laboratory	PC or SS	For each utility
CSS-UCP-EP-D	Integrated Electric Panel - Dual Laboratories	PC or SS	For each utility
CSS-UCP-TS-EP	Touch Screen & Integrated Electric Panel	PC or SS	Up to 4 utilities
CSS-USCP	Solenoid	PC	One for all utilities
CSS-USCP-WIFI	WIFI Ready Solenoid	PC	N/A



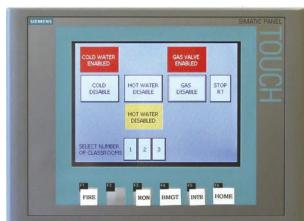
**Single Lab UCP**



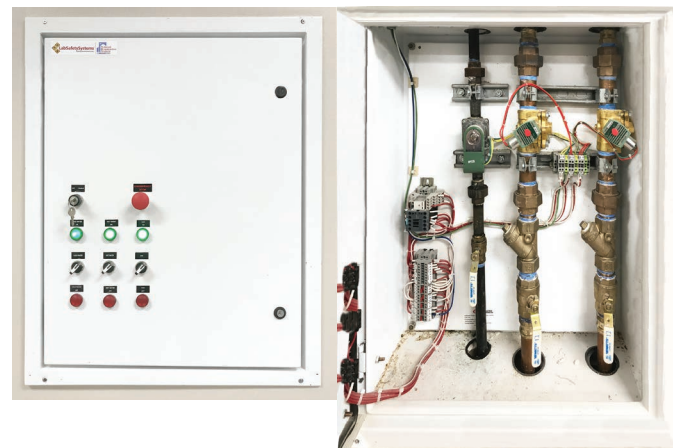
**Dual Lab UCP**

### FEATURES:

- Programmable logic controller (PLC) by Siemens™ Controls
- Keyed selector switch restricting the activation of utilities to the key holder
- Indicator lights showing enabled systems
- Emergency stop buttons
- Panel finishes available in white powder coat or stainless steel, as indicated
- Optional integrated electrical panel
- Optional connections to building's alarm system and/or management system
- Optional remote capabilities, fan controls, HMI touch screen controls
- Five year limited parts warranty (with factory start-up)



**Touch Screen**



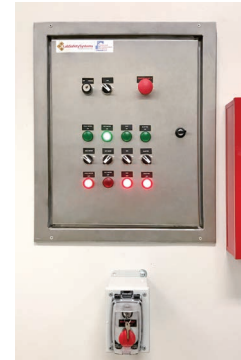
**CSS-USCP External & Internal**

### Installation Photos



#### St. Francis Episcopal Day School

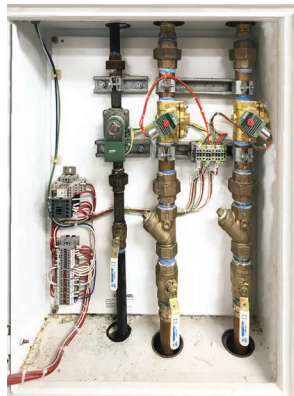
Houston, TX



St. Francis Episcopal Day School specified LabSafetySystems® CSS-UCP-S-4U-SS-BMS-F-KL utility control systems to regulate the availability of 4 utilities (cold water, hot water, gas and electricity) at student workstations. The utility control panels are in communication with the school's building management systems. Electric panels provide the on/off function for electric outlets and solenoid panels provide on/off function for fluids. Additional features include a stainless steel finish, fan enable/disable capability and a remote panic panel.

#### Pasadena Memorial Early College

Pasadena, TX



CSS-USCP-3-D-D-B-120AC-PC-B-KL-S utility solenoid control systems from LabSafetySystems® were installed by Pasadena ISD at Pasadena Memorial Early College to regulate the availability of cold water, hot water and gas at the student workstations. These systems are designed to meet NSTA and TES standards for control of the selected utilities. Keyed access limits control of these systems to the classroom instructors. Additional features include wye strainers for water service and a remote panic panel.

#### Alvin Career & Tech Ed Center

Manvel, TX



In the Career and Technical Educational Center, Alvin ISD installed LabSafetySystems® CSS-UCP-TS-2-4U-PC-ESM utility control systems to regulate the availability of 4 utilities (cold water, hot water, gas and electricity) at the student workstations. An HMI touch screen regulates the utilities at two classrooms. Additional features include solenoid panels, electric panels, remote panic panels, flow monitoring at the emergency showers, and remote alarm beacon lights with audible alarms. Solenoid panels are constructed with ASCO water and fuel gas solenoid valves.



All LabSafetySystems® products are factory assembled and certified to meet UL standards.



All LabSafetySystems® solenoid panels are assembled to meet CSA certification standards.

# Safety Controls & Utility Controllers

## Secondary Panels

### DESCRIPTION:

Secondary Panels house the required mechanics of a system and work in combination with the LabSafetySystems® Main Control Panels. These Secondary Panels include Solenoid Panels for hot and cold domestic water and natural gas; Electric Panels to house the electric contractors, Remote Panic Panels and Gas Detection Panels. Secondary Panels are fully assembled and are pre-tested for use with the LabSafetySystems® Main Control Panels. Custom options are available.



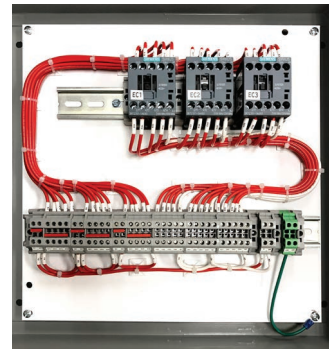
### Solenoid Panel

The Solenoid Panel (SP) houses the solenoid valves that regulate the availability of cold water, hot water, or natural gas at student workstations. Panels are pre-assembled and sized based on project design criteria. The factory supplied ASCO™ solenoids are UL Listed, CSA Certified and FM Approved.



### Electric Panel

The Electrical Panel (EP) houses the electric contractors which provide regulated electric service at the student workstations. The EP can be a separate panel or an integral part of the Main Utility Control Panel.



### Limited Access Control Panel

The Limited Access Control Panel (LACP) is a pre-assembled control panel designed to provide utility service to an individual prep station or teacher's demo table. This panel provides control of water and gas only. A keyed selector switch restricts the ability to activate the utility services to the key holder.



All LabSafetySystems® products are factory assembled and certified to meet UL standards.



All LabSafetySystems® solenoid panels are assembled to meet CSA certification standards.

# Safety Controls & Utility Controllers

## Secondary Panels

### DESCRIPTION:

Secondary Panels house the required mechanics of a system and work in combination with the LabSafetySystems® Main Control Panels. These Secondary Panels include Solenoid Panels for hot and cold domestic water and natural gas; Electric Panels to house the electric contractors, Remote Panic Panels and Gas Detection Panels. Secondary Panels are fully assembled and are pre-tested for use with the LabSafetySystems® Main Control Panels. Custom options are available.



### Remote Light Array

The Remote Light Array (RA) is a pre-assembled light array which operates in combination with the LabSafetySystems® UCP to provide a remote and visual display of the operational status for the system utility circuits or an alarm condition upon emergency shutdown.



### Remote Panic Panel

The Remote Panic Panel (RP) gives the instructor the ability to shut down the entire system with the touch of a button.



### Gas Detection Panel

The Gas Detection Panel (GD) deactivates system utilities upon detection of a gas leak. The white powder coated panel includes a flashing red indicator which illuminates upon gas detection and an on/off yellow indicator which illuminates upon system shutdown.



All LabSafetySystems® products are factory assembled and certified to meet UL standards.

# Gas Products

from our trusted partners

**+GF+**



Offered By

**★ BIG GUY ★**  
**Gas Distribution Products**

a PreferredConstructionProducts® company

**Risers**



**Compression Fittings**



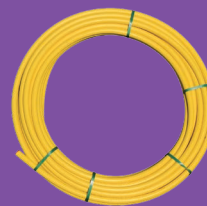
**Pipe**



**Regulators**



Risers .....	62
Compression Fittings .....	63
Miscellaneous Gas Products .....	63
Pipe Coil .....	64
Pipe Stick .....	64
Regulators .....	65



# Gas Products

## Risers

### DESCRIPTION:

BigGuy® Riser options are available for a variety of residential and commercial gas applications. Risers offer a safe and simple method for connecting and transitioning from the PE pipe below the ground to the above ground piping system.



## Compression Risers

Item No.	Pipe Size NPT	Vertical Dimension
610757524000	3/4"	24"
610757536000	3/4"	36"
610010124000	1"	24"
610010136000	1"	36"
610121224000	1-1/4"	24"
610121236000	1-1/4"	36"
10002381	1-1/2"	24"
10002382	1-1/2"	36"
10002384	2"	24"
10002385	2"	36"

Available in additional sizes.



### FEATURES:

- Strong transition joint exceeds the operating capabilities of the PE pipe in which it is installed
- O-ring design for added protection
- Protected with electrostatically-applied, fusion-bonded epoxy powder coating designed for the exterior of gas petroleum pipelines
- Pre-bent riser style
- Outlet options: threaded, beveled for welding, flanged, or by-pass outlets
- Pipe coatings: fusion bonded with epoxy or polyester
- Available with extended pig tails and valves

## Transition Risers

Item No.	Pipe Size NPT	Vertical Dimension
600757524000	3/4"	24"
600757536000	3/4"	36"
600010124000	1"	24"
600010136000	1"	36"
600121224000	1-1/4"	24"
600151524000	1-1/2"	24"
600020224000	2"	24"
600020236000	2"	36"
6000056	3"	36"

Available in additional sizes.



### FEATURES:

- Strong transition joint exceeds the operating capabilities of the PE pipe in which it is installed
- O-ring design for added protection
- Protected with electrostatically-applied, fusion-bonded epoxy powder coating designed for the exterior of gas petroleum pipelines
- Can be supplied with any customer-specified PE pipe

## Flex Risers

Item No.	Pipe Size NPT	Length	Box Qty
SHAFC050050W-36	1/2"	36"	10
SHAFC050050W-48	1/2"	48"	10
SHAFC050050W-84	1/2"	84"	10
SHAFC060060Y-36	3/4"	36"	10
SHAFC060060Y-48	3/4"	48"	10
SHAFC060060Y-84	3/4"	84"	10

Available in additional sizes.



### FEATURES:

- Easy, quick assembly with pipe or crescent wrench; no need for welding or fusing.
- Leak-resistant design
- Zinc plated surfaces provide rust and corrosion protection
- Flexible case manufactured with UV protected material

## Anodeless Risers

Available upon request in various sizes. Contact representative for product availability.

### DESCRIPTION:

BigGuy® Mechanical Compression Fittings are designed for fast and easy installation with no special tools or training needed. Ideal for natural gas/LPG yard and small commercial (up to 10 PSI) plumbing applications.



Made by: LYALL

### Compression Couplings

Item No.	PE Size (IPS)	DR
10000507	3/4 x 3/4	11
10000508	1 x 1	11
10000509	1-1/4 x 1-1/4	10
10000445	1-1/2 x 1-1/2	11
10000446	2 x 2	11



### Compression Tees

Item No.	PE Size (IPS)	DR
10000490	3/4 x 3/4	11
10000493	1 x 1	11
10000487	1-1/4 x 1-1/4	10
10000496	1-1/2 x 1-1/2	11
10000499	2 x 2	11



### Compression Male Adaptors

Item No.	Steel x PE Size	DR
660757500000	3/4 NPT x 3/4 IPS	11
660010100000	1 NPT x 1 IPS	11
660121200000	1-1/4 NPT x 1-1/4 IPS	10
10002388	1-1/2 NPT x 1-1/2 IPS	11
10002389	2 NPT x 2 IPS	11



### FEATURES (all Compression Fittings):

- Epoxy coated
- Pressure rating: 10 psi
- IAPMO/UPC Listed
- Includes built in stiffener

### Miscellaneous Gas Products

Product	Description
<b>Fusion Fittings</b>	Available upon request in various configurations and sizes
<b>Detectable Tape</b>	Available upon request, color coded for water, sewer, gas, or caution in various sizes
<b>Non Detectable Tape</b>	Available upon request, color coded for telephone or gas in various sizes

# Gas Products

## Pipe

### DESCRIPTION:

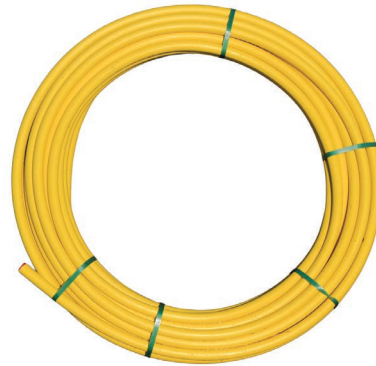
BigGuy® medium-density polyethylene Yellow Gas Pipes are suitable for use in multiple applications for gas distribution. Available in 1/2-inch to 20-inch diameters, it comes in both sticks and coil lengths and can be installed by heat fusion or mechanical fittings.



### Yellow Gas Pipe Coil

Item No.	Nominal Size	Feet/ Coil	Coils/ Pack	Feet/ Pack
LP34500IPS	3/4"	500	7	3500
LP1500IPS	1"	500	6	3000
LP114500IPS	1-1/4"	500	12	6000
LP112500IPS	1-1/2"	500	10	5000
LP2500IPS	2"	250	12	3000

Available in 250' coils



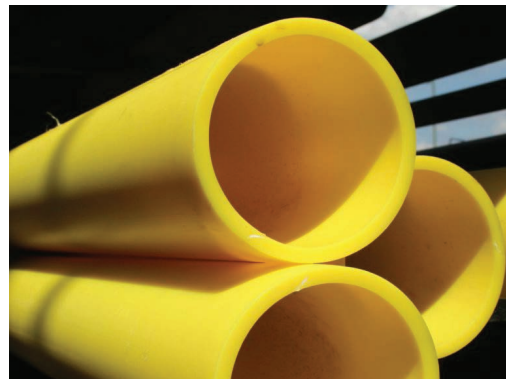
### FEATURES:

- Superior resistance to most solvents and chemicals it is likely to encounter in natural and manufactured gas.
- Is non-corroding against gas and external galvanic soil conditions.
- Resists UV degradation when exposed to direct sunlight.
- Resists slow crack growth.
- Can be cut with simple pipe and tubing cutters, allowing for savings in labor and equipment.
- Reduces the cost of manpower required for installation due to its light weight and ease in transport and handling, as well as long laying lengths.

### Yellow Gas Pipe Stick

Item No.	Size
LP320SDR115	3" x 20'
LP420SDR115	4" x 20'
LP440SDR115	4" x 40'

Available in additional sizes.



### FEATURES:

- Includes the same great features as the coil
- Comes in 20' and 40' straight lengths
- 20' readily stocked and immediately available

### DESCRIPTION:

BigGuy® Gas Regulators provide pressure stability and are available in models appropriate for a variety of applications, including commercial and industrial, mid-range commercial and industrial, and residential.



Made by: **BelGAS**  
A DIVISION OF BELCORP

## Regulators

Model	Description
<b>B34</b>	Commercial
<b>B34S</b>	Medium Duty Commercial
<b>B42</b>	Residential

### FEATURES (B34):

- Interchangeable brass orifice
- Spring-loaded internal relief valve assembly
- Field interchangeable adjustment spring
- Controlled size breather orifice eliminates pulsation, provides normal action at low flows
- Wide range of valve body sizes including NPT and Flange connections

**B34**



### FEATURES (B34S):

- Interchangeable brass orifice
- Spring-loaded internal relief valve assembly
- Molded diaphragm consisting of Buna-N and nylon
- Upper diaphragm plate of plated steel
- Stainless steel lever pin
- Zinc with dichromate plated steel lever
- One piece molded Buna-N valve seat
- Alodined aluminum valve stem
- Vent sizes 1/4", 3/8", 3/4", 1"
- Stainless steel vent screen

**B34S**



### FEATURES (B42):

- Spring loaded and self operated
- Molded diaphragm
- 1" vent
- Internal relief option
- Three connection versions provide flexibility
- Light and compact

**B42**



*Gas regulator products not available in all areas of South Central USA.  
Contact representative for product availability.*

**A.O. Smith • State • American • Armstrong • Bell & Gossett • Watts • Ames**



PCP-CAT004-052020 © 2020 PCP – All Rights Reserved

**DESCRIPTION:**

Tailwind™ offers various repair parts including parts for water heaters, pumps, circulators, and backflow. Common parts are listed below but many additional parts are available.



**TailWind™ can supply any of your repair part needs.  
Please check with your PCP representative for availability.**

## Water Heater Repair Parts

**For AO Smith, State, and American Water Heaters.**

**Many more available, but some available parts include:**

- Burner Assembly
- Pilot Assembly
- Elements
- Gas Valves
- Thermostats
- Anodes
- Blower Assembly
- Ignitors
- Tankless Heater Parts
- Aquasana Product Preserver Systems

**Find your parts by serial number at:  
<http://www.waterheaterparts.com/>**

## Pump & Circulator Repair Parts

**For Armstrong and Bell & Gossett pumps and circulators.**

**Many more available, but some available parts include:**

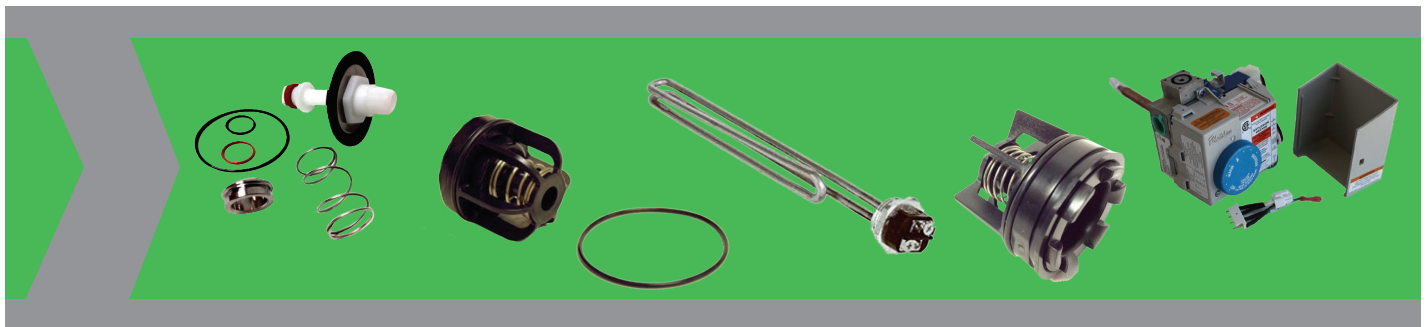
- Seal & Bearing Assembly
- Gaskets
- Flanges
- Couplers
- Impellers

## Backflow Repair Parts

**For Watts and Ames backflow prevention products.**

**Many more available, but some available parts include:**

- Total Repair Kits
- Relief Valve Kits
- Check Kits



PreferredConstructionProducts® represented by



**HUGH M. CUNNINGHAM COMPANIES**

THE MANUFACTURER'S REPRESENTATIVE  
A BUILDING PRODUCTS COMPANY  
SOUTH CENTRAL USA



General Offices - BeeHive  
Carrollton, TX

WillCallAnnexes



Houston



El Paso

**FOCUSED ON TODAY AND TOMORROW**

FACILITIES, PROFESSIONALISM, SALESMANSHIP, THE BUSINESS OF DOING BUSINESS



## YOUR SALES FORCE FOR THE SOUTH CENTRAL USA

OUR TERRITORIES CURRENTLY INCLUDE:  
ARKANSAS, LOUISIANA, TEXAS, OKLAHOMA AND NEW MEXICO

### WE PLEDGE THE PRICELESS INGREDIENT: HONOR AND INTEGRITY IN EVERYTHING WE DO.

Nothing else sets the Hugh M. Cunningham Companies (HMC) apart from their competition as much as their sense of traditional business values.

In this era of band-aid management approaches, a practice of honesty, fair play, respect for the individual, integrity and good will toward all in the business community serves as a bedrock for the company today.

Good people, a sense of urgency, enthusiasm and commitment, from president to warehouseman, permeates HMC.

Traditional business values and a spirit for innovation and growth make HMC stand apart and guarantees a continuation of excellence.



**PreferredConstructionProducts® offers professional grade products for the building trades.**

*PreferredConstructionProducts® is proudly represented by:*

**Hugh M. Cunningham Companies  
in Arkansas, Louisiana, Oklahoma, New Mexico and Texas.**

*For more information or to place an order for PreferredConstructionProducts® offerings,  
please contact PCP Customer Service:*

**info@PreferredConstructionProducts.com**

**www.PreferredConstructionProducts.com**

Your local PreferredConstructionProducts® sales representative who can provide purchasing and price information is:

*PreferredConstructionProducts® is not responsible for typographical or printing errors that may be contained in this catalog.*