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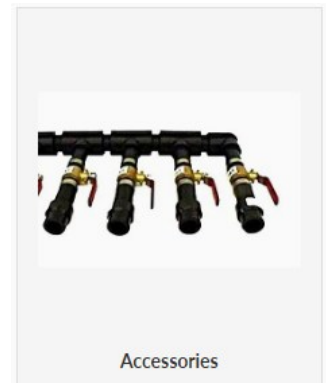
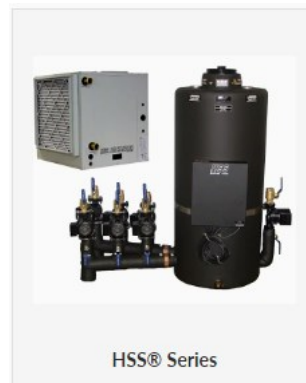
REPRESENTING:



Air & Water Source Group, LLC
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Cato, NY 13033
(315)626-4161

Feb 2025 - July 2025 Price List
(Note: Pricing in this Book is subject to change)
Volume 8 Product Catalog

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- 24/7 ACCESS TO THE MOST CURRENT PRICING
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FREIGHT ALLOWANCE SYMBOLS

(*) LABELED ITEMS IN THIS PRICE BOOK COUNT TOWARDS NET FREIGHT TERMS SHOWN ON MULTLIER SHEET.

(†) LABELED ITEMS IN THIS PRICE BOOK COUNT TOWARDS NET FREIGHT TERMS SHOWN ON MULTLIER SHEET.

(‡) LABELED ITEMS IN THIS PRICE BOOK COUNT TOWARDS FLOW CENTER FREIGHT TERMS SHOWN ON MULTLIER SHEET.

NON-PRESSURIZED FLOW CENTERS



KT Flow Center – The “Knocked – Down” Cost Effective Solution (Field Assembly Required)

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
0-230KFCSS	0	-	-	-	1-1/4" FPT	42	6 1/2	18	28	\$2030	±
3-230KFCSS-G	3	230	2.7	1/6	1-1/4" FPT	42	6 1/2	18	35	\$2995	±
3-230KFCSS-M	3	230	5.25	1/6	1-1/4" FPT	42	6 1/2	18	35	\$2995	±

*Comes with Brass Union.

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

GT® Flow Center - The Industry Standard Solution

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
NPFCSS	0	-	-	-	1" FPT	34	6 1/2	15 1/2	28	\$1600	±

*Comes with Brass Union.



GT® Flow Center - The Industry Standard Solution

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
1-230PFCSS-G	1	230	.90	1/6	1" FPT	34	6 1/2	15 1/2	40	\$2010	±
1-230PFCSS-M	1	230	1.75	1/6	1" FPT	34	6 1/2	15 1/2	40	\$2010	±

*Comes with Brass Union.

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

GT® Flow Center - The Industry Standard Solution

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-230PFCSS-G	2	230	1.8	1/6	1" FPT	34	6 1/2	15 1/2	53	\$2295	±
2-230PFCSS-M	2	230	3.5	1/6	1" FPT	34	6 1/2	15 1/2	53	\$2295	±

*Comes with Brass Union.

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)



NON-PRESSURIZED FLOW CENTERS



QT® Flow Center – The Premium Choice for the Refined Customer

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet (FPT)	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
1-230QFC-G	1	230	.90	1/6	1" Swivel	34	7.5	14 3/4	40	\$2095	±
1-230QFC-M	1	230	1.75	1/6	1" Swivel	34	7.5	14 3/4	40	\$2095	±

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)



QT® Flow Center – The Premium Choice for the Refined Customer

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet (FPT)	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
N02-230QFC	0	-	-	-	1" Swivel	34	7.5	14 3/4	34	\$1725	±
2-230QFC-G	2	230	1.8	1/6	1" Swivel	34	7.5	14 3/4	53	\$2450	±
2-230QFC-M	2	230	3.5	1/6	1" Swivel	34	7.5	14 3/4	53	\$2450	±

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

XT Flow Center - When Normal Pumping Isn't Enough

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet (FPT)	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-230XTSS	2	230	3.4	1/6	1 1/4"	48 1/2	10	22 1/2	99	\$4075	±

Grundfos 43-100F 3 Speed



NON-PRESSURIZED FLOW CENTERS



EA® Series Stainless Steel– Special 2 Circuit Applications (Field Assembly Required)

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet Size MPT X FPT	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
0-0EASS230KFC	0	-	-	-	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	41	\$2150	‡
1-1EASS230KFC-G	2	230	1.8	1/6	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	61	\$2950	‡
1-1EASS230KFC-M	2	230	3.5	1/6	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	61	\$2950	‡

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

EA® Series Stainless Steel– Special 2 Circuit Applications (Field Assembly Required)

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet Size MPT X FPT	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-1EASS230KFC-G	3	230	2.7	1/6	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	72	\$3250	‡
2-1EASS230KFC-M	3	230	5.25	1/6	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	72	\$3250	‡

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)



EA® Series Stainless Steel– Special 2 Circuit Applications (Field Assembly Required)

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet Size MPT X FPT	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-2EASS230KFC-G	4	230	3.6	1/6	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	83	\$3695	‡
2-2EASS230KFC-M	4	230	7.0	1/6	1-1/4" / 1-1/4"	42 1/2	9 1/4	21	83	\$3695	‡

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

NON-PRESSURIZED FLOW CENTERS



QT® - EA Flow Center — The Premium Choice for the Refined Customer

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
0-0EASS230QFC	0	-	-	-	1-1/4"	43 1/2	21 1/2	14	87	\$2995	±
1-1EASS230QFC-G	2	230	1.8	1/6	1-1/4"	43 1/2	21 1/2	14	87	\$3995	±
1-1EASS230QFC-M	2	230	3.5	1/6	1-1/4"	43 1/2	21 1/2	14	87	\$3995	±

*Comes with Brass Union.

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

QT® - EA Flow Center — The Premium Choice for the Refined Customer

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-1EASS230QFC-G	3	230	2.7	1/6	1-1/4"	43 1/2	21 1/2	14	92	\$4325	±
2-1EASS230QFC-M	3	230	5.25	1/6	1-1/4"	43 1/2	21 1/2	14	92	\$4325	±

*Comes with Brass Union.

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)



QT® - EA Flow Center — The Premium Choice for the Refined Customer

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet*/Outlet Size	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-2EASS230QFC-G	4	230	3.6	1/6	1-1/4"	43 1/2	21 1/2	14	98	\$4595	±
2-2EASS230QFC-M	4	230	7.0	1/6	1-1/4"	43 1/2	21 1/2	14	98	\$4595	±

*Comes with Brass Union.

Model Number Letter (G=Grundfos 26-99-3 Speed)

(M=Grundfos 26-116F Single Speed)

PRESSURIZED FLOW CENTERS



B&D Pressurized Operating System (1 Pump)

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet (FPT)	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
1-230POS-G	1	230	.90	1/6	1" Swivel	12 1/2	8	12 1/2	29	\$1725	‡
1-230POS-M	1	230	1.75	1/6	1" Swivel	12 1/2	8	12 1/2	29	\$1725	‡

Model Number Letter Model Number Letter (G=Grundfos 26-99-3 Speed) (M=Grundfos 26-116F Single Speed)



B&D Pressurized Operating System (2 Pump)

Part Number	# of Pump	Voltage	Amps (HI Spd)	HP (ea.)	Inlet/Outlet (FPT)	Ht. (in.)	Width (in.)	Depth (in.)	Wgt.	List Price	Freight Allowance
2-230POS-G	2	230	1.8	1/6	1" Swivel	12 1/2	8	12 1/2	37	\$2175	‡
2-230POS-M	2	230	3.5	1/6	1" Swivel	12 1/2	8	12 1/2	37	\$2175	‡

Model Number Letter Model Number Letter (G=Grundfos 26-99-3 Speed) (M=Grundfos 26-116F Single Speed)

HSS® BUFFER TANK

HSS® Buffer Tank Details

- Made to Order Non-Pressurized Stainless Steel Buffer Tank.
- Designed for 6 to 10 gallons per ton of buffer volume.
- Available in Heating Only or Heat/Cool applications
- Hydronic Side Pump Options (115V)
- Water/Water Side Options (230V)
- We can also provide a Backup Boiler Pump (115V)
- Water Temp not to exceed 150 Degree Max.
- B&D Designed Controls wiring decal provided with all units

Call for Price & Leadtime



Call for Buffer Tank Build Sheet & Configuration Help

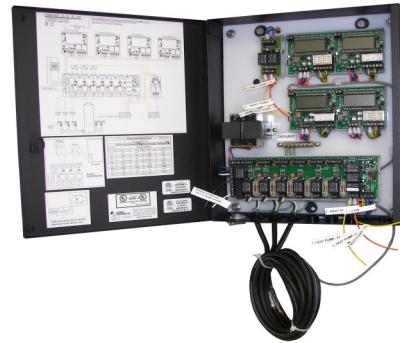
HSS® CONTROL PANEL

HSS® Buffer Tank Controls are available without a Tank purchase

Control Panel Details

- Made to Order with minimal lead-times
- Easy-to-Mount for added location flexibility
- Available in Heating Only or Heat/Cool applications
- Small Control Box can handle up to 6 zones
Dimensions (12" W x 15" L x 3" D)
- Large Control Box can handle up to 12 zones
Dimensions (12" W x 18" L x 3" D)
- B&D Designed Controls wiring decal provided with all units

Call for Price & Leadtime



Call for Controls Build Sheet & Configuration Help

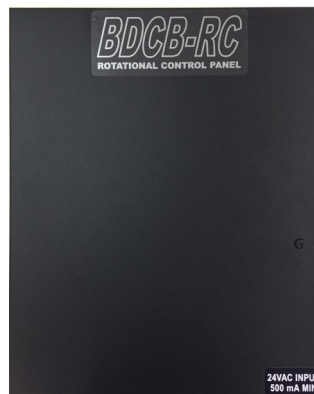
ROTATIONAL CONTROL PANEL

Increase the functionality of your entire system by incorporating rotational start of equipment!

Rotational Control Panel Details

- 1 Control package connects up to 4 devices
- Pre-wired to accommodate 2, 3 or 4 equipment applications
- Easy adjustment for rotating operation of 2, 3 or 4 devices
- Field adjustable settings for Dual-Stage time delay
- Easy-to-Mount for added location flexibility
- Control Box Dimensions 15" H x 12" W x 3" D
- Easy to install on pre-existing HSS Buffer Tank System
- B&D Designed Controls wiring decal provided with all units

Call for Price & Leadtime



B&D Part# BDCB-RC4HP

1-Ton HSS® Hydronic Air Handler Options



Left Side Return / Up Flow Configuration Shown

NEW
NEW

Horizontal Units	MODEL #	DESCRIPTION	LIST PRICE
	BDAH-01E0500-1AH	1 TON HORIZONTAL / LEFT RETURN / NO BACKUP HEAT	\$3470.00
	BDAH-01E0500-1BH	1 TON HORIZONTAL / RIGHT RETURN / NO BACKUP HEAT	\$3470.00
	BDAH-01E0503-1AH	1 TON HORIZONTAL / LEFT RETURN / 3KW BACKUP HEAT	\$3650.00
	BDAH-01E0503-1BH	1 TON HORIZONTAL / RIGHT RETURN / 3KW BACKUP HEAT	\$3650.00

Up Flow Units	MODEL #	DESCRIPTION	LIST PRICE
	BDAH-01E0500-1AU	1 TON UP FLOW / LEFT RETURN / NO BACKUP HEAT	\$3470.00
	BDAH-01E0500-1BU	1 TON UP FLOW / RIGHT RETURN / NO BACKUP HEAT	\$3470.00
	BDAH-01E0503-1AU	1 TON UP FLOW / LEFT RETURN / 3KW BACKUP HEAT	\$3650.00
	BDAH-01E0503-1BU	1 TON UP FLOW / RIGHT RETURN / 3KW BACKUP HEAT	\$3650.00

APPROX WT (LBS)	DIMENSIONS
100	23"W x 24"H x 28"D

Down Flow Units	MODEL #	DESCRIPTION	LIST PRICE
	BDAH-01E0500-1AD	1 TON DOWN FLOW / LEFT RETURN / NO BACKUP HEAT	\$3470.00
	BDAH-01E0500-1BD	1 TON DOWN FLOW / RIGHT RETURN / NO BACKUP HEAT	\$3470.00
	BDAH-01E0503-1AD	1 TON DOWN FLOW / LEFT RETURN / 3KW BACKUP HEAT	\$3650.00
	BDAH-01E0503-1BD	1 TON DOWN FLOW / RIGHT RETURN / 3KW BACKUP HEAT	\$3650.00

1-Ton HSS® AIR HANDLER MODEL NUMBER INFORMATION

BDAH-	01	E	05		-	1			
Tonnage 01 = 1 TON	Motor Type E = ECM	CFM 05 = 500 CFM	kW 00 = None 03 = 3kW	Voltage 1 = 240V / 208V 60Hz / 1Phase	Return Air Direction A = Left (Standard) B = Right	Supply Air Direction U = Up flow (Standard) D = Down flow H = Horizontal flow	Filter Thickness 1 = 1" (Standard) 2 = 2"	NOTE: THIS IS THE SIDE THE FILTER WILL BE LOCATED ON.	

1-Ton HSS® Air Handler Replacement Parts

Part Number	Size Description	List Price
B2-30T	24V-30 MIN AJUSTABLE TIME DELAY	CALL FOR PRICE
ZT-4X-60	4-CIRCUIT RELAY BOARD	CALL FOR PRICE
TCT50-05E07K	DUAL VOLTAGE (120V/230V PRIMARY) 24V 50 VA TRANSFORMER	CALL FOR PRICE
AH3KWHEAT-FAB	3KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
08-3160-00	KW RELAY	CALL FOR PRICE
08-3280-01	KW WHITE RECTIFIER BOARD	CALL FOR PRICE
08-2833-00	LIMIT SWITCH - KW UNIT	CALL FOR PRICE
AHEM0003/1T	1-TON BLOWER MOTOR (FACTORY PROGRAMMED)	CALL FOR PRICE
AHMTRBRK34T	1-TON MOTOR BRACKET	CALL FOR PRICE
AHPA00030SBH	1-TON BLOWER HOUSING ASSEMBLY	CALL FOR PRICE
AHCOIL1T	1-TON COIL (COIL ONLY)	CALL FOR PRICE
1TONCOIL	1-TON COIL ASSEMBLY (WITH SWIVELS)	CALL FOR PRICE
AIRFILTER18-1	18" x 22" x 1" AIR FILTER (MERV 8)	CALL FOR PRICE
AIRFILTER18-2	18" x 22" x 2" AIR FILTER (MERV 8)	CALL FOR PRICE
LC-182-00820-079E9	1-TON SWIVEL GASKET	CALL FOR PRICE

2-Ton HSS® Hydronic Air Handler Options



Left Side Return / Up Flow Configuration Shown

NEW
NEW

Horizontal Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-02E0900-1AH	2 TON HORIZONTAL / LEFT RETURN / NO BACKUP HEAT	\$3700.00
BDAH-02E0900-1BH	2 TON HORIZONTAL / RIGHT RETURN / NO BACKUP HEAT	\$3700.00
BDAH-02E0905-1AH	2 TON HORIZONTAL / LEFT RETURN / 5KW BACKUP HEAT	\$3800.00
BDAH-02E0905-1BH	2 TON HORIZONTAL / RIGHT RETURN / 5KW BACKUP HEAT	\$3800.00

Up Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-02E0900-1AU	2 TON UP FLOW / LEFT RETURN / NO BACKUP HEAT	\$3700.00
BDAH-02E0900-1BU	2 TON UP FLOW / RIGHT RETURN / NO BACKUP HEAT	\$3700.00
BDAH-02E0905-1AU	2 TON UP FLOW / LEFT RETURN / 5KW BACKUP HEAT	\$3800.00
BDAH-02E0905-1BU	2 TON UP FLOW / RIGHT RETURN / 5KW BACKUP HEAT	\$3800.00

Down Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-02E0900-1AD	2 TON DOWN FLOW / LEFT RETURN / NO BACKUP HEAT	\$3700.00
BDAH-02E0900-1BD	2 TON DOWN FLOW / RIGHT RETURN / NO BACKUP HEAT	\$3700.00
BDAH-02E0905-1AD	2 TON DOWN FLOW / LEFT RETURN / 5KW BACKUP HEAT	\$3800.00
BDAH-02E0905-1BD	2 TON DOWN FLOW / RIGHT RETURN / 5KW BACKUP HEAT	\$3800.00

APPROX WT (LBS)	DIMENSIONS
105	23"W x 24"H x 28"D

2-Ton HSS® AIR HANDLER MODEL NUMBER INFORMATION

BDAH-	02	E	09		-	1			
Tonnage 02 = 2 TON	Motor Type E = ECM	CFM 09 = 950 CFM	kW 00 = None 05 = 5kW	Voltage 1 = 240V / 208V 60Hz / 1Phase	Return Air Direction A = Left (Standard) B = Right	Supply Air Direction U = Up flow (Standard) D = Down flow H = Horizontal flow	Filter Thickness 1 = 1" (Standard) 2 = 2"	NOTE: THIS IS THE SIDE THE FILTER WILL BE LOCATED ON.	

2-Ton HSS® Air Handler Replacement Parts

Part Number	Size Description	List Price
B2-30T	24V-30 MIN AJUSTABLE TIME DELAY	CALL FOR PRICE
ZT-4X-60	4-CIRCUIT RELAY BOARD	CALL FOR PRICE
TCT50-05E07K	DUAL VOLTAGE (120V/230V PRIMARY) 24V 50 VA TRANSFORMER	CALL FOR PRICE
AH5KWHEAT-FAB	5KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
08-3160-00	KW RELAY	CALL FOR PRICE
08-3280-01	KW WHITE RECTIFIER BOARD	CALL FOR PRICE
08-2833-00	LIMIT SWITCH - KW UNIT	CALL FOR PRICE
AHEM0003/2T	2-TON BLOWER MOTOR (FACTORY PROGRAMMED)	CALL FOR PRICE
AHMTRBRK34T	2-TON MOTOR BRACKET	CALL FOR PRICE
AHPA00030SBH	2-TON BLOWER HOUSING ASSEMBLY	CALL FOR PRICE
AHCOIL2T	2-TON COIL (COIL ONLY)	CALL FOR PRICE
2TONCOIL	2-TON COIL ASSEMBLY (WITH SWIVELS)	CALL FOR PRICE
AIRFILTER18-1	18" x 22" x 1" AIR FILTER (MERV 8)	CALL FOR PRICE
AIRFILTER18-2	18" x 22" x 2" AIR FILTER (MERV 8)	CALL FOR PRICE
LC-182-00820-079E9	2-TON SWIVEL GASKET	CALL FOR PRICE

3-Ton HSS® Hydronic Air Handler Options



Left Side Return / Up Flow Configuration Shown

NEW
NEW

Horizontal Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-03E1300-1AH	3 TON HORIZONTAL / LEFT RETURN / NO BACKUP HEAT	\$4170.00
BDAH-03E1300-1BH	3 TON HORIZONTAL / RIGHT RETURN / NO BACKUP HEAT	\$4170.00
BDAH-03E1310-1AH	3 TON HORIZONTAL / LEFT RETURN / 10KW BACKUP HEAT	\$4400.00
BDAH-03E1310-1BH	3 TON HORIZONTAL / RIGHT RETURN / 10KW BACKUP HEAT	\$4400.00

Up Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-03E1300-1AU	3 TON UP FLOW / LEFT RETURN / NO BACKUP HEAT	\$4170.00
BDAH-03E1300-1BU	3 TON UP FLOW / RIGHT RETURN / NO BACKUP HEAT	\$4170.00
BDAH-03E1310-1AU	3 TON UP FLOW / LEFT RETURN / 10KW BACKUP HEAT	\$4400.00
BDAH-03E1310-1BU	3 TON UP FLOW / RIGHT RETURN / 10KW BACKUP HEAT	\$4400.00

Down Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-03E1300-1AD	3 TON DOWN FLOW / LEFT RETURN / NO BACKUP HEAT	\$4170.00
BDAH-03E1300-1BD	3 TON DOWN FLOW / RIGHT RETURN / NO BACKUP HEAT	\$4170.00
BDAH-03E1310-1AD	3 TON DOWN FLOW / LEFT RETURN / 10KW BACKUP HEAT	\$4400.00
BDAH-03E1310-1BD	3 TON DOWN FLOW / RIGHT RETURN / 10KW BACKUP HEAT	\$4400.00

APPROX WT (LBS)	DIMENSIONS
136	28"W x 30"H x 31"D

3-Ton HSS® AIR HANDLER MODEL NUMBER INFORMATION

BDAH-	03	E	13		-	1			
Tonnage 03 = 3 TON	Motor Type E = ECM	CFM 13 = 1350 CFM	kW 00 = None 10 = 10kW	Voltage 1 = 240V / 208V 60Hz / 1Phase	Return Air Direction A = Left (Standard) B = Right	Supply Air Direction U = Up flow (Standard) D = Down flow H = Horizontal flow	Filter Thickness 1 = 1" (Standard) 2 = 2"	NOTE: THIS IS THE SIDE THE FILTER WILL BE LOCATED ON.	

3-Ton HSS® Air Handler Replacement Parts

Part Number	Size Description	List Price
B2-30T	24V-30 MIN AJUSTABLE TIME DELAY	CALL FOR PRICE
ZT-4X-60	4-CIRCUIT RELAY BOARD	CALL FOR PRICE
TCT50-05E07K	DUAL VOLTAGE (120V/230V PRIMARY) 24V 50 VA TRANSFORMER	CALL FOR PRICE
AH10KWHEAT-FAB	10KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
08-3160-00	KW RELAY	CALL FOR PRICE
08-3280-01	KW WHITE RECTIFIER BOARD	CALL FOR PRICE
08-2833-00	LIMIT SWITCH - KW UNIT	CALL FOR PRICE
AHEM0005/3T	3-TON BLOWER MOTOR (FACTORY PROGRAMMED)	CALL FOR PRICE
AHMTRBRK34T	3-TON MOTOR BRACKET	CALL FOR PRICE
AHPA00006MBH	3-TON BLOWER HOUSING ASSEMBLY	CALL FOR PRICE
AHCOIL3T	3-TON COIL (COIL ONLY)	CALL FOR PRICE
3TONCOIL	3-TON COIL ASSEMBLY (WITH SWIVELS)	CALL FOR PRICE
AIRFILTER25-1	25" x 25" X 1" AIR FILTER (MERV 8)	CALL FOR PRICE
AIRFILTER25-2	25" x 25" X 2" AIR FILTER (MERV 8)	CALL FOR PRICE
LC-182-00820-079E9	3-TON SWIVEL GASKET	CALL FOR PRICE

4-Ton HSS® Hydronic Air Handler Options



Left Side Return / Up Flow Configuration Shown

NEW
NEW
NEW
NEW

Horizontal Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-04E1700-1AH	4 TON HORIZONTAL / LEFT RETURN / NO BACKUP HEAT	\$4400.00
BDAH-04E1700-1BH	4 TON HORIZONTAL / RIGHT RETURN / NO BACKUP HEAT	\$4400.00
BDAH-04E1710-1AH	4 TON HORIZONTAL / LEFT RETURN / 10KW BACKUP HEAT	\$4570.00
BDAH-04E1710-1BH	4 TON HORIZONTAL / RIGHT RETURN / 10KW BACKUP HEAT	\$4570.00
BDAH-04E1715-1AH	4 TON HORIZONTAL / LEFT RETURN / 15KW BACKUP HEAT	\$4770.00
BDAH-04E1715-1BH	4 TON HORIZONTAL / RIGHT RETURN / 15KW BACKUP HEAT	\$4770.00

Up Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-04E1700-1AU	4 TON UP FLOW / LEFT RETURN / NO BACKUP HEAT	\$4400.00
BDAH-04E1700-1BU	4 TON UP FLOW / RIGHT RETURN / NO BACKUP HEAT	\$4400.00
BDAH-04E1710-1AU	4 TON UP FLOW / LEFT RETURN / 10KW BACKUP HEAT	\$4570.00
BDAH-04E1710-1BU	4 TON UP FLOW / RIGHT RETURN / 10KW BACKUP HEAT	\$4570.00
BDAH-04E1715-1AU	4 TON UP FLOW / LEFT RETURN / 15KW BACKUP HEAT	\$4770.00
BDAH-04E1715-1BU	4 TON UP FLOW / RIGHT RETURN / 15KW BACKUP HEAT	\$4770.00

Down Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-04E1700-1AD	4 TON DOWN FLOW / LEFT RETURN / NO BACKUP HEAT	\$4400.00
BDAH-04E1700-1BD	4 TON DOWN FLOW / RIGHT RETURN / NO BACKUP HEAT	\$4400.00
BDAH-04E1710-1AD	4 TON DOWN FLOW / LEFT RETURN / 10KW BACKUP HEAT	\$4570.00
BDAH-04E1710-1BD	4 TON DOWN FLOW / RIGHT RETURN / 10KW BACKUP HEAT	\$4570.00
BDAH-04E1715-1AD	4 TON DOWN FLOW / LEFT RETURN / 15KW BACKUP HEAT	\$4770.00
BDAH-04E1715-1BD	4 TON DOWN FLOW / RIGHT RETURN / 15KW BACKUP HEAT	\$4770.00

APPROX WT (LBS)	DIMENSIONS
146	28"W x 30"H x 31"D

4-Ton HSS® AIR HANDLER MODEL NUMBER INFORMATION

BDAH-	04	E	17	-	1			
Tonnage 04 = 4 TON	Motor Type E = ECM	CFM 17 = 1750 CFM	kW 00 = None 10 = 10kW 15 = 15kW	Voltage 1 = 240V / 208V 60Hz / 1Phase	Return Air Direction A = Left (Standard) B = Right	Supply Air Direction U = Up flow (Standard) D = Down flow H = Horizontal flow	Filter Thickness 1 = 1" (Standard) 2 = 2"	NOTE: THIS IS THE SIDE THE FILTER WILL BE LOCATED ON.

4-Ton HSS® Air Handler Replacement Parts

Part Number	Size Description	List Price
B2-30T	24V-30 MIN AJUSTABLE TIME DELAY	CALL FOR PRICE
ZT-4X-60	4-CIRCUIT RELAY BOARD	CALL FOR PRICE
TCT50-05E07K	DUAL VOLTAGE (120V/230V PRIMARY) 24V 50 VA TRANSFORMER	CALL FOR PRICE
AH10KWHEAT-FAB	10KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
AH15KWHEAT-FAB	15KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
08-3160-00	KW RELAY	CALL FOR PRICE
08-3280-01	KW WHITE RECTIFIER BOARD	CALL FOR PRICE
08-2833-00	LIMIT SWITCH - KW UNIT	CALL FOR PRICE
AHEM0005/4T	4-TON BLOWER MOTOR (FACTORY PROGRAMMED)	CALL FOR PRICE
AHMTRBRK34T	4-TON MOTOR BRACKET	CALL FOR PRICE
AHPA00006MBH	4-TON BLOWER HOUSING ASSEMBLY	CALL FOR PRICE
AHCOIL4T	4-TON COIL (COIL ONLY)	CALL FOR PRICE
4TONCOIL	4-TON COIL ASSEMBLY (WITH SWIVELS)	CALL FOR PRICE
AIRFILTER25-1	25" x 25" X 1" AIR FILTER (MERV 8)	CALL FOR PRICE
AIRFILTER25-2	25" x 25" X 2" AIR FILTER (MERV 8)	CALL FOR PRICE
A415006-41	4-TON SWIVEL GASKET	CALL FOR PRICE

5-Ton HSS® Hydronic Air Handler Options



Left Side Return / Up Flow Configuration Shown

NEW
NEW
NEW
NEW

Horizontal Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-05E2100-1AH	5 TON HORIZONTAL / LEFT RETURN / NO BACKUP HEAT	\$4700.00
BDAH-05E2100-1BH	5 TON HORIZONTAL / RIGHT RETURN / NO BACKUP HEAT	\$4700.00
BDAH-05E2110-1AH	5 TON HORIZONTAL / LEFT RETURN / 10KW BACKUP HEAT	\$4850.00
BDAH-05E2110-1BH	5 TON HORIZONTAL / RIGHT RETURN / 10KW BACKUP HEAT	\$4850.00
BDAH-05E2115-1AH	5 TON HORIZONTAL / LEFT RETURN / 15KW BACKUP HEAT	\$5125.00
BDAH-05E2115-1BH	5 TON HORIZONTAL / RIGHT RETURN / 15KW BACKUP HEAT	\$5125.00

Up Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-05E2100-1AU	5 TON UP FLOW / LEFT RETURN / NO BACKUP HEAT	\$4700.00
BDAH-05E2100-1BU	5 TON UP FLOW / RIGHT RETURN / NO BACKUP HEAT	\$4700.00
BDAH-05E2110-1AU	5 TON UP FLOW / LEFT RETURN / 10KW BACKUP HEAT	\$4850.00
BDAH-05E2110-1BU	5 TON UP FLOW / RIGHT RETURN / 10KW BACKUP HEAT	\$4850.00
BDAH-05E2115-1AU	5 TON UP FLOW / LEFT RETURN / 15KW BACKUP HEAT	\$5125.00
BDAH-05E2115-1BU	5 TON UP FLOW / RIGHT RETURN / 15KW BACKUP HEAT	\$5125.00

Down Flow Units

MODEL #	DESCRIPTION	LIST PRICE
BDAH-05E2100-1AD	5 TON DOWN FLOW / LEFT RETURN / NO BACKUP HEAT	\$4700.00
BDAH-05E2100-1BD	5 TON DOWN FLOW / RIGHT RETURN / NO BACKUP HEAT	\$4700.00
BDAH-05E2110-1AD	5 TON DOWN FLOW / LEFT RETURN / 10KW BACKUP HEAT	\$4850.00
BDAH-05E2110-1BD	5 TON DOWN FLOW / RIGHT RETURN / 10KW BACKUP HEAT	\$4850.00
BDAH-05E2115-1AD	5 TON DOWN FLOW / LEFT RETURN / 15KW BACKUP HEAT	\$5125.00
BDAH-05E2115-1BD	5 TON DOWN FLOW / RIGHT RETURN / 15KW BACKUP HEAT	\$5125.00

APPROX WT (LBS)	DIMENSIONS
165	28"W x 30"H x 31"D

5-Ton HSS® AIR HANDLER MODEL NUMBER INFORMATION

BDAH-	05	E	21		-	1			
Tonnage 05 = 5 TON	Motor Type E = ECM	CFM 21 = 2150 CFM	kW 00 = None 10 = 10kW 15 = 15kW	Voltage 1 = 240V / 208V 60Hz / 1Phase	Return Air Direction A = Left (Standard) B = Right	Supply Air Direction U = Up flow (Standard) D = Down flow H = Horizontal flow	Filter Thickness 1 = 1" (Standard) 2 = 2"	NOTE: THIS IS THE SIDE THE FILTER WILL BE LOCATED ON.	

5-Ton HSS® Air Handler Replacement Parts

Part Number	Size Description	List Price
B2-30T	24V-30 MIN AJUSTABLE TIME DELAY	CALL FOR PRICE
ZT-4X-60	4-CIRCUIT RELAY BOARD	CALL FOR PRICE
TCT50-05E07K	DUAL VOLTAGE (120V/230V PRIMARY) 24V 50 VA TRANSFORMER	CALL FOR PRICE
AH10KWHEAT-FAB	10KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
AH15KWHEAT-FAB	15KW HEAT STRIP ASSEMBLY	CALL FOR PRICE
08-3160-00	KW RELAY	CALL FOR PRICE
08-3280-01	KW WHITE RECTIFIER BOARD	CALL FOR PRICE
08-2833-00	LIMIT SWITCH - KW UNIT	CALL FOR PRICE
AHEM0010/5T	5-TON BLOWER MOTOR (FACTORY PROGRAMMED)	CALL FOR PRICE
AHMTBRBK5T	5-TON MOTOR BRACKET	CALL FOR PRICE
AHPA00005LBH	5-TON BLOWER HOUSING ASSEMBLY	CALL FOR PRICE
AHCOIL5T	5-TON COIL (COIL ONLY)	CALL FOR PRICE
5TONCOIL	5-TON COIL ASSEMBLY (WITH SWIVELS)	CALL FOR PRICE
AIRFILTER25-1	25" x 25" X 1" AIR FILTER (MERV 8)	CALL FOR PRICE
AIRFILTER25-2	25" x 25" X 2" AIR FILTER (MERV 8)	CALL FOR PRICE
A415006-41	5-TON SWIVEL GASKET	CALL FOR PRICE

MULTIZONE FLOW CENTER

Call For Quote & Full Model Part Number

Multizone - B Model

B - Model - 3 Circuit Header Max

1, 2 & 3 Circuit Options Available

Call For Other Custom Configurations

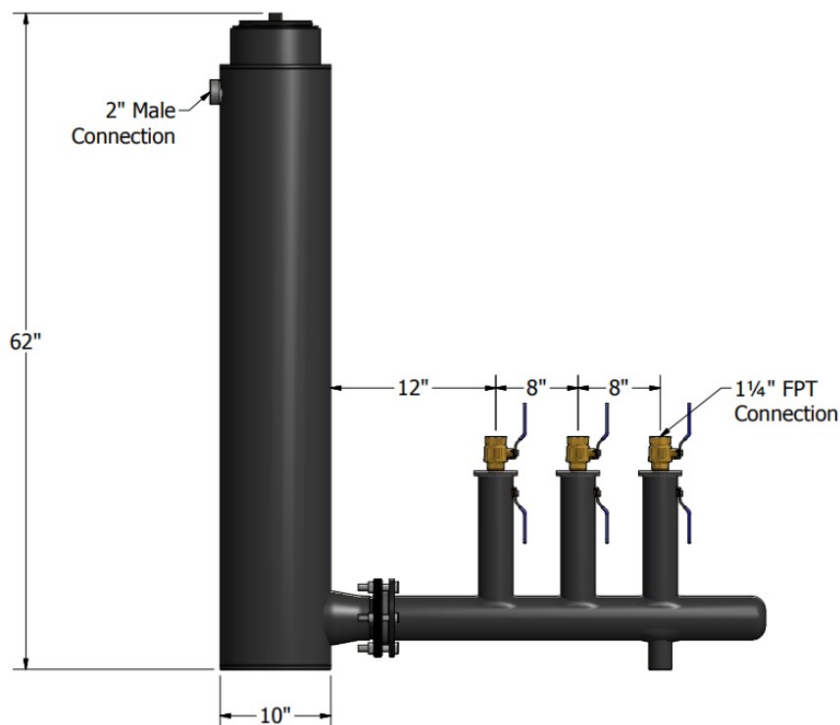


Pump Options:

26-99 230V Pumps (3-Speed Pumps)

26-116 230V Pumps (Single Speed Pumps)

43-100 230V Pumps (3-Speed Pumps)



NOTE: Multizone image above is of product after field assembly without pumps

Multizone - C Model

C - Model - 4 Circuit Header Max

1, 2, 3 & 4 Circuit Options Available

Call For Other Custom Configurations

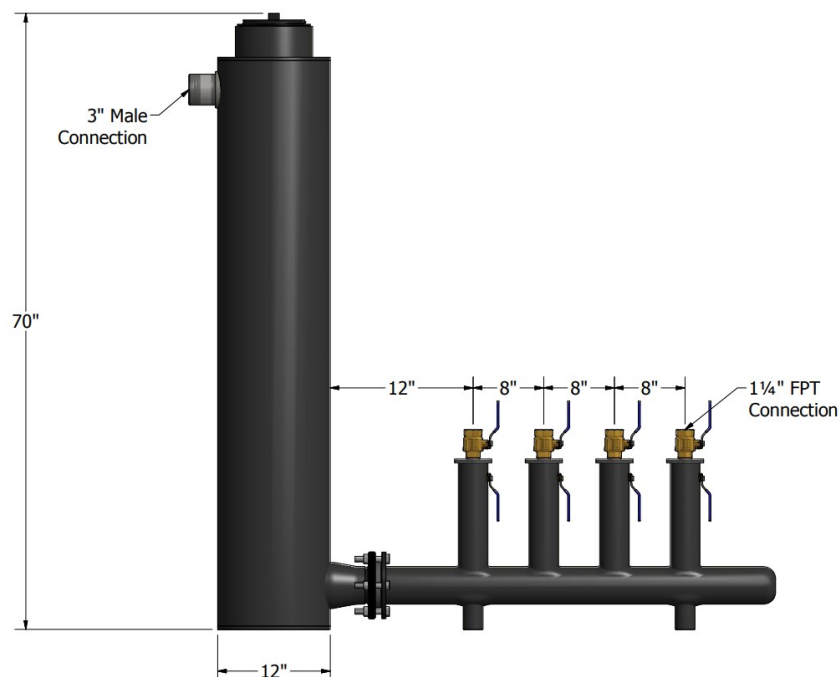


Pump Options:

26-99 230V Pumps (3-Speed Pumps)

26-116 230V Pumps (Single Speed Pumps)

43-100 230V Pumps (3-Speed Pumps)



NOTE: Multizone image above is of product after field assembly without pumps

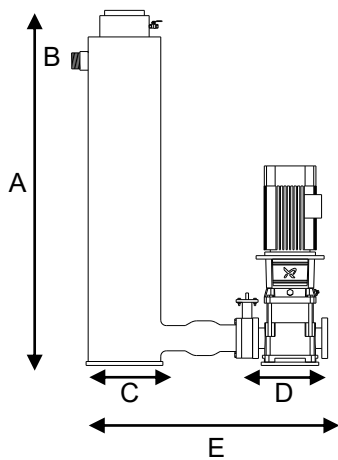
SMART PUMP MULTIZONE

Call For Quote



Smart Pump Flow Selection (Single Pump)

Smart Pump Model#	B&D Part#	Tank Size	Volume (gal)	Motor Size	Normal GPM Flow	Normal Head Pressure	List Price
CR10-2	SPFC-B122-2-230-1	B	17.5	2HP	40-62	30-50	Call For Pricing
CR32-1-1	SPFC-C13T-3-230-1	C	20.8	3HP	60-120	40-60	Call For Pricing
CR32-1	SPFC-C13S-5-230-1	C	20.8	5HP	65-130	50-70	Call For Pricing
CR45-1-1	SPFC-D14T-5-230-1	D	29.5	5HP	130-180	50-70	Call For Pricing



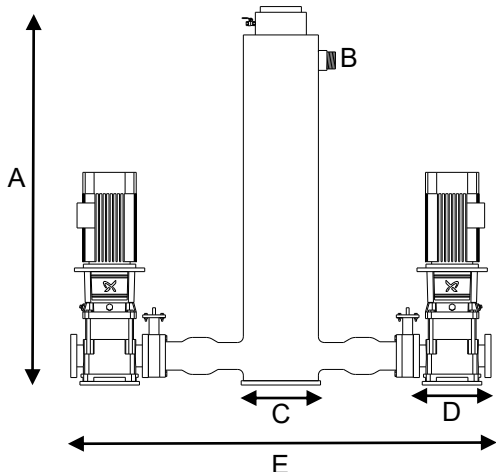
Smart Pump Flow Dimensions (Single Pump)

Pump End	A	B	C	D	E
CR10-2	62"	2" MPT	10"	11 1/2"	38"
CR32-1-1	69"	3" MPT	12"	12 1/2"	39"
CR32-1	69"	3" MPT	12"	12 1/2"	39"
CR45-1-1	69"	4" MPT	14"	13"	41"

NOTE: ALL MEASUREMENTS ARE APPROXIMATE

Smart Pump Flow Selection (Redundant Pump)

Smart Pump Model#	B&D Part#	Tank Size	Volume (gal)	Motor Size	Normal GPM Flow	Normal Head Pressure	List Price
CR10-2	SPFC-B222-2-230-2	B	17.5	2HP	40-62	30-50	Call For Pricing
CR32-1-1	SPFC-C23T-3-230-2	C	20.8	3HP	60-120	40-60	Call For Pricing
CR32-1	SPFC-C23S-5-230-2	C	20.8	5HP	65-130	50-70	Call For Pricing
CR45-1-1	SPFC-D24T-5-230-2	D	29.5	5HP	130-180	50-70	Call For Pricing



Smart Pump Flow Dimensions (Redundant Pump)

Pump End	A	B	C	D	E
CR10-2	62"	2" MPT	12"	11 1/2"	66"
CR32-1-1	69"	3" MPT	12"	12 1/2"	69"
CR32-1	69"	3" MPT	12"	12 1/2"	69"
CR45-1-1	69"	4" MPT	14"	13"	69"

NOTE: ALL MEASUREMENTS ARE APPROXIMATE

New Item

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
ST601	6" Lid & Gasket	\$37.06	*	21
ST802	8" Lid & Gasket	\$58.29	*	21
WD17535	Digital Thermometer	\$45.68	*	21
B2-30T	30 Minute Adjustable Timer (Air Handler)	\$128.76	*	21
ZT-4X-60	4 Circuit Relay Board (Air Handler)	\$155.74	*	21
HCT-09D0K04164	24V 50 VA 120V Transformer (Air Handler)	\$93.33		21
B3-6CR	Pump Controller Relay (Buffer Tank)	\$626.16	*	21
H2-2TC	2-Stage Elect Temp Controller (Buffer Tank)	\$365.94	*	21
ZT-12X-A	2 Circuit Relay Board (Buffer Tank)	\$65.68	*	21
BC6	Thermistor 6' Cable	\$63.89		21
740-0583	15 AMP Fuse	\$2.33	*	21
740-0551	3 AMP Fuse	\$2.03	*	21
740-5189	1 AMP Fuse	\$2.40	*	21
GT304SS2	Stainless Steel 2 HP Purge Cart Complete w/ 1¼" Hose	\$8,125.00	†	22
2HPCATP	2- H.P. CENTRIF PUMP 115/208-230/1-PH	\$3,328.13	†	22
GT304SS2HK125-10	Hose Kit For 2HP Flush Cart (2)10FT 1¼" Hoses	\$810.67	†	22
PC55S	1" Swivel x 1" Plug - Purge Cart Accessory	\$190.00	*	22
PC65S	1" Swivel x 1¼" Plug - Purge Cart Accessory	\$325.00	*	22
CAM65	1¼" Socket x 1" Plug Adapter	\$213.75	*	22
G15-58F	15-58 Grundfos 115V 3-Speed Pump	\$487.50		25
G1-2699/3	26-99 Grundfos 115V 3-Speed Pump	\$851.20		25
G3-2699/3	26-99 Grundfos 230V 3-Speed Pump	\$832.00		25
G2-116F	26-116 Grundfos 230V Single Speed Pump	\$800.00		25
G43-100F	43-100 Grundfos 230V 3-Speed Pump	\$1,093.82		25
UP26COVER	Grundfos Cover Plate for 26-99 & 26-116	\$100.65		25
G591204	1" Grundfos Brass Flange Ball Valve w/ Handle (Sold Individually)	\$146.78		25
G591205	1¼" Grundfos Brass Flange Ball Valve w/ Handle (Sold Individually)	\$168.72		25
G510231	Grundfos Ball Valve Gasket (Flat 1¼")	\$15.95		25
G40403	Webstone Ball Valve Gasket (Flat 1¼")	\$15.95		25
G41405	1¼" Webstone Brass Flange Ball Valve w/ Handle (Sold Individually)	\$141.74		25
G81404HV	1" Propress by Flange Ball Valve	\$154.76		25
G81405HV	1¼" Propress by Flange Ball Valve	\$170.19		25
G81424HV	1" 3-Way Geo Ball Valve (Propress by Flange)	\$214.43		25
G81424HV-FAB	1" 3-Way Geo Ball Valve (Swivel Nut by Flange)	\$278.72		25
G26-INS	Grundfos Foam Insulator Shell for 26-99 / 26-116 Pumps	\$50.60		25
1WFT17	Flow Meter Tool (1-20 Gallon) Includes Case	\$570.00	†	26
1WFT30R	Flow Meter Tool (3-30 Gallon) Without Case	\$1,401.56	†	26
1WFTC40	Flow Meter Tool (40 Gallon) Without Case	\$1,572.42	†	26
1FCW	Flow Center Wrench	\$41.39	*	26
F40750LN-12	Flow Meter (1-10 GPM ¾" F/NPT)	Call For Price	*	27
F40750LN-16	Flow Meter (1-10 GPM 1" F/NPT)	Call For Price	*	27
F41000LN-12	Flow Meter (2-20 GPM, ¾" F/NPT)	Call For Price	*	27
F41000LN-16	Flow Meter (2-20 GPM 1" F/NPT)	Call For Price	*	27
F451003LHN	Flow Meter (3-30 GPM, 1" FPT)	Call For Price	*	27
F451004LHN	Flow Meter (4-40 GPM, 1" FPT)	Call For Price	*	27
F452060LHN	Flow Meter (6 TO 60 GPM, 2" F/NPT)	Call For Price	*	27
MSA45-LF	1" MPT x 1" Swivel Assembly (Lead Free)	\$73.30	*	28
MSA55-LF	1" MPT x 1" Swivel Assembly (Lead Free)	\$73.30	*	28
NC1-CAP	Cap For P/T Plug	\$2.25	*	28
N76-02	¼" MPT P/T Plug	\$10.98	*	28
N78-02	½" MPT P/T Plug	\$15.00	*	28
GA80-01	1/16" S.S. Pressure Gauge Probe w/Cover	\$45.14	*	28

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
GA80-02	1/8" S.S. Pressure Gauge Probe w/Cover	\$48.14	*	28
GA80-03XL	1/8" S.S. Pressure Gauge Probe-Extended Length	\$53.91	*	28
WP060	Pressure Gauge (4" Gauge)	\$59.71	*	28
PGNL25-100-G	2½" Pressure Gauge, Liquid Filled	\$43.77	*	28
HKWH01-200	1" BLK 200 PSI HOSE / FT	Call For Price	*	28
HKWH0125-150	1-1/4" BLACK 150 PSI HOSE / FT	Call For Price	*	28
HK34-1-10	¾" x 1' x 10 Ft Closed Loop Hose Kit	\$329.33	*	29
HK34-1-12	¾" x 1" x 12 Ft Closed Loop Hose Kit	\$369.87	*	29
HK1-10	1" x 10 Ft Closed Loop Hose Kit	\$327.25	*	29
HK1-12	1" x 12 Ft Closed Loop Hose Kit	\$351.50	*	29
HK1-1/4-12	1¼" x 12 Ft Closed Loop Hose Kit	\$486.40	*	29
HK1-1-1/4-10	1" x 1¼" x 10 Ft Closed Loop Hose Kit	\$504.86	*	29
HK1-1-1/4-12	1" x 1¼" x 12 Ft Closed Loop Hose Kit	\$559.14	*	29
WS13053	Size 20, ¾" 1¼" Clamp Diameter all Stainless Steel	\$5.36	*	29
RBFA100	1" FPT x 1" Barb Straight Adapter	\$36.59	*	30
RBMA75	¾" MPT x ¾" Barb Straight Adapter	\$23.77	*	30
CRBMA100	1" MPT x 1" Barb Straight Adapter	\$24.38	*	30
RBMA2510	1" MPT x 1¼" Barb Straight Adapter	\$39.75	*	30
CRBMA1025	1¼" MPT x 1" Barb Straight Adapter	\$30.27	*	30
CRBMA125	1¼" MPT x 1¼" Barb Straight Adapter	\$35.40	*	30
BRC1PE4	1" Brass Barb x ¾" Fusion Coupling (Fabricated)	\$82.65	*	30
BRC1PE5	1" Brass Barb x 1" Fusion Coupling (Fabricated)	\$83.47	*	30
BRC1PE6	1" Brass Barb x 1¼" Fusion Coupling (Fabricated)	\$83.47	*	30
BRC1PE7	1" Brass Barb x 1½" Fusion Coupling (Fabricated)	Call For Price	*	30
BRC1PE8	1" Brass Barb x 2" Fusion Coupling	\$91.14	*	30
BRC125PE6	1¼" Brass Barb x 1¼" Fusion Coupling	\$91.83	*	30
BRC125PE7	1¼" Brass Barb x 1½" Fusion Coupling (Fabricated)	Call For Price		
BRC125PE8	1¼" Brass Barb x 2" Fusion Coupling (Fabricated)	Call For Price		
RGSE10725	¾" MPT x 1" Barb Elbow w/PT Port	\$29.45	*	30
RGSE10025	1" MPT x 1" Barb Elbow w/PT Port	\$38.90	*	30
RGSE12525	1¼" MPT x 1¼" Barb Elbow w/PT Port	\$58.69	*	30
RGSE7525	¾" MPT x ¾" Barb Elbow w/PT Port	Call For Price		
RBCP75	¾" Insert x ¾" Insert Brass	\$18.63		
RBCP100	1" Insert x 1" Insert Brass	\$34.02	*	30
RBCP1025	1" Insert x 1¼" Insert Brass	\$40.98	*	30
RBCP125	1¼" Insert x 1¼" Insert Brass	\$43.23	*	30
RBHE100	¾" MPT x 1" Barb Elbow	\$37.34	*	30
RBHE1000	1" MPT x 1" Barb Elbow	\$37.40	*	30
RBHE1025	1" MPT x 1¼" Barb Elbow	\$75.05	*	30
RBHE125	1¼" MPT x 1¼" Barb Elbow	\$60.48	*	30
WGC2F	2 Gallon Regulator Valve	\$113.94	*	31
WGC3F	3 Gallon Regulator Valve	\$113.94	*	31
WGC4F	4 Gallon Regulator Valve	\$113.94	*	31
WGC5F	5 Gallon Regulator Valve	\$113.94	*	31
WGC6F	6 Gallon Regulator Valve	\$113.94	*	31
WGC7F	7 Gallon Regulator Valve	\$113.94	*	31
WGC8F	8 Gallon Regulator Valve	\$113.94	*	31
WGC9F	9 Gallon Regulator Valve	\$113.94	*	31
WGC10F	10 Gallon Regulator Valve	\$113.94	*	31
WGC11.5F	11.5 Gallon Regulator Valve	\$113.94	*	31
T557-G3	Taco Valve 1" SWT (Orange Head) (Limited Quantities Available)	\$447.70	†	32
T555-173RP	Taco Valve - Replacement Power Heaed (Orange Head)	\$283.83	†	32

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
205TF	1" FPT Plastic Solenoid Valve (Gray Body)	\$175.00	†	33
Z100AAT2	Taco Zone Sentry Valve 1" NPT 2-Way 24V (Green Head)	\$350.25	†	33
Z075T2-1	Taco Zone Sentry Valve ¾" NPT 2-Way 24V (Green Head)	\$434.50	†	33
ELO42TC	¾" Test Cap (¾" x ¼" FPT)	\$56.30	*	34,62
ELO52TC	1" Test Cap (1" x ¼" FPT)	\$62.40	*	34,62
ELO62TC	1¼" Test Cap (1¼" x ¼" FPT)	\$112.53	*	34,62
ELO72TC	1½" Test Cap (1½" x ¼" FPT)	\$168.48	*	34,62
ELO82TC	2" Test Cap (2" x ¼" FPT)	\$237.40	*	34,62
UGDT1000-2	2" x 1000 FT Underground Detectable Tape	\$110.49	*	34
UGDT1000-2-12C	2" x 1000 FT Underground Detectable Tape (Case 12)	\$1,028.16	*	34
UGDT1000-3	3" x 1000 FT Underground Detectable Tape	\$116.67	*	34
UGDT1000-3-6C	3" x 1000 FT Underground Detectable Tape (Case 6)	\$600.92	*	34
UGDT1000-6	6" x 1000 FT Underground Detectable Tape	\$272.16	*	34
UGDT1000-6-4C	6" x 1000 FT Underground Detectable Tape (Case 4)	\$874.13	*	34
BPE4-PVC4	¾" SDR11 Butt Fusion x ¾" SCH 80 PVC Transition	\$161.88	*	34
BPE5-PVC5	1" SDR11 Butt Fusion x 1" SCH 80 PVC Transition	\$187.21	*	34
BPE6-PVC6	1¼" SDR11 Butt Fusion x 1¼" SCH 80 PVC Transition	\$271.07	*	34
BPE7-PVC7	1½" SDR11 Butt Fusion x 1¼" SCH 80 PVC Transition	\$303.75	*	34
BPE8-PVC8	2" SDR11 Butt Fusion x 2" SCH 80 PVC Transition	\$362.06	*	34
BPE10-PVC10	3" SDR11 Butt Fusion x 3" SCH 80 PVC Transition	\$680.35	*	34
BPE11-PVC11	4" SDR11 Butt Fusion x 4" SCH 80 PVC Transition	\$1,139.75	*	34
KIT-AGV	Test Kit w/Gauge, Valve, Hose Hook-up	\$194.40	*	34
KIT-AGV-200	Test Kit w/ 200 PSI Gauge, Valve, Hose Hook-up	\$178.50	*	34
KIT-AGV-NO GAUGE	Test Kit w/ Valve, Hose Hook-up (No Gauge Included)	\$162.00	*	34
KIT-AGV-SMART	Test Kit w/Gauge, Valve, Transducer (Smart Pump Item)	Call For Price		
WPR	Poly-Pipe-Roller	\$2,380.75	*	35
SPC44	¾" x ¾" Fusion Coupling	\$4.02	*	36
SPC54	1" x ¾" Fusion Coupling	\$7.50	*	36
SPC55	1" x 1" Fusion Coupling	\$4.45	*	36
SPC65	1¼" x 1" Fusion Coupling	\$8.00	*	36
SPC66-SL	1¼" x 1¼" Fusion Coupling (Slim Line)	\$9.29	*	36
SPC66	1¼" x 1¼" Fusion Coupling	\$5.31	*	36
SPC74	1½" x ¾" Fusion Coupling	\$10.50	*	36
SPC75	1½" x 1" Fusion Coupling	\$11.25	*	36
SPC76	1½" x 1¼" Fusion Coupling	\$11.25	*	36
SPC77	1½" x 1½" Fusion Coupling	\$6.87	*	36
SPC77-HD	1½" x 1½" Fusion Coupling (Heavy Duty Thickness)	\$9.15	*	36
SPC85	2" x 1" Fusion Coupling	\$13.27	*	36
SPC86	2" x 1¼" Fusion Coupling	\$13.56	*	36
SPC87	2" x 1½" Fusion Coupling	\$13.85	*	36
SPC88	2" x 2" Fusion Coupling	\$7.21	*	36
SPC88-HD	2" x 2" Fusion Coupling (Heavy Duty Thickness)	\$10.43	*	36
SPC108	3" x 2" Fusion Coupling	\$45.00	*	36
SPC1010	3" x 3" Fusion Coupling	\$23.63	*	36
SPE44	¾" x ¾" Fusion Elbow	\$5.65	*	37
SPE54	1" x ¾" Fusion Elbow	\$6.86	*	37
SPE55	1" x 1" Fusion Elbow	\$6.46	*	37
SPE64	1¼" x ¾" Fusion Elbow	\$7.13	*	37
SPE65	1¼" x 1" Fusion Elbow	\$7.13	*	37
SPE66	1¼" x 1¼" Fusion Elbow	\$9.34	*	37
SPE66-SL	1¼" x 1¼" Fusion Elbow (Slim Line)	\$10.59	*	37
SPE77	1½" x 1½" Fusion Elbow	\$14.02	*	37

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
SPE88	2" x 2" Fusion Elbow	\$22.63	*	37
SPE88-HD	2" x 2" Fusion Elbow (Heavy Duty Thickness)	\$24.50	*	37
SPE1010	3" x 3" Fusion Elbow	\$65.19	*	37
SPE77-45	1½" x 1½" Fusion 45° Elbow (Fab)	\$46.88	*	37
SPE55-45	1" x 1" Fusion 45° Elbow	\$11.18	*	37
SPE66-45	1¼" x 1¼" Fusion 45° Elbow	\$14.83	*	37
SPE88-45	2" x 2" Fusion 45° Elbow	\$27.82	*	37
SPT444	¾" x ¾" x ¾" Fusion Tee	\$7.07	*	38
SPT554	1" x 1" x ¾" Fusion Tee	\$12.38	*	38
SPT554V	1" x 1" x ¾" Fusion Tee (Limited Quantities)	\$10.79		
SPT555	1" x 1" x 1" Fusion Tee	\$9.16	*	38
SPT644	1¼" x ¾" x ¾" Fusion Tee	\$13.50	*	38
SPT655	1¼" x 1" x 1" Fusion Tee	\$13.50	*	38
SPT664	1¼" x 1¼" x ¾" Fusion Tee	\$13.50	*	38
SPT665	1¼" x 1¼" x 1" Fusion Tee	\$13.50	*	38
SPT666	1¼" x 1¼" x 1¼" Fusion Tee	\$13.62	*	38
SPT744	1½" x ¾" x ¾" Fusion Tee	\$35.20	*	38
SPT764	1½" x 1¼" x ¾" Fusion Tee	\$29.60	*	38
SPT765	1½" x 1¼" x 1" Fusion Tee	\$29.60	*	38
SPT766	1½" x 1¼" x 1¼" Fusion Tee	\$29.60	*	38
SPT774	1½" x 1½" x ¾" Fusion Tee	\$29.60	*	38
SPT775	1½" x 1½" x 1" Fusion Tee	\$29.60	*	38
SPT776	1½" x 1½" x 1¼" Fusion Tee	\$29.60	*	38
SPT777	1½" x 1½" x 1½" Fusion Tee	\$22.73	*	38
SPT864	2" x 1¼" x ¾" Fusion Tee	\$32.13	*	38
SPT865	2" x 1¼" x 1" Fusion Tee	\$32.13	*	38
SPT866	2" x 1¼" x 1¼" Fusion Tee	\$31.10	*	38
SPT874	2" x 1½" x ¾" Fusion Tee	\$32.13	*	38
SPT875	2" x 1½" x 1" Fusion Tee	\$32.13	*	38
SPT876	2" x 1½" x 1¼" Fusion Tee	\$32.13	*	38
SPT884	2" x 2" x ¾" Fusion Tee	\$31.10	*	38
SPT885	2" x 2" x 1" Fusion Tee	\$31.18	*	38
SPT886	2" x 2" x 1¼" Fusion Tee	\$31.10	*	38
SPT888	2" x 2" x 2" Fusion Tee	\$27.13	*	38
SPCP4	¾" Socket Fusion Cap	\$5.80	*	39
SPCP5	1" Socket Fusion Cap	\$6.40	*	39
SPCP6	1¼" Socket Fusion Cap	\$7.82	*	39
SPCP7	1½" Socket Fusion Cap	\$10.34	*	39
SPCP8	2" Socket Fusion Cap	\$9.87	*	39
SPRB64	1¼" x ¾" Socket Fusion Reducer Bushing	\$9.87	*	39
SPRB65	1¼" x 1" Socket Fusion Reducer Bushing	\$9.87	*	39
SPRB74	1½" x ¾" Socket Fusion Reducer Bushing	\$10.78	*	39
SPRB75	1½" x 1" Socket Fusion Reducer Bushing	\$10.78	*	39
SPRB76	1½" x 1¼" Socket Fusion Reducer Bushing	\$10.78	*	39
SPRB84	2" x ¾" Socket Fusion Reducer Bushing	\$13.62	*	39
SPRB85	2" x 1" Socket Fusion Reducer Bushing	\$13.83	*	39
SPRB86	2" x 1¼" Socket Fusion Reducer Bushing	\$13.83	*	39
SPRB87	2" x 1½" Socket Fusion Reducer Bushing	\$13.83	*	39
SFUB4B	¾" U-Bend Assembly	\$92.81	*	40
SFUB4BC	¾" U-Bend w/ Coupling	\$102.84	*	40
SFUB5B	1" U-Bend Assembly	\$92.81	*	40
SFUB5BC	1" U-Bend w/ Coupling	\$102.84	*	40

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
SFUB6	1¼" U-Bend Assembly	\$107.81		
SFUB6BC	1¼" U-Bend w/ Coupling	\$117.19		
SPEU-66F	1¼" U-Bend F-Elbow (Limited Quantities)	\$10.15	*	40
SPMA44	¾" Fusion x ¾" Male Adapter	\$32.50	*	41
SPMA54	1" Fusion x ¾" Male Adapter	\$36.30	*	41
SPMA55	1" Fusion x 1" Male Adapter	\$37.34	*	41
SPMA64	1¼" Fusion x ¾" Male Adapter	\$36.93	*	41
SPMA64V	1¼" Fusion x ¾" Male Adapter (Limited Quantities)	\$34.40		
SPMA65	1¼" Fusion x 1" Male Adapter	\$39.38	*	41
SPMA66	1¼" Fusion x 1¼" Male Adapter	\$72.00	*	41
SPMA67V	1¼" Fusion x 1½" Male Adapter (Limited Quantities)	Call For Price		
SPMA74-F	1½" Fusion x ¾" Male Adapter (Fabricated)	Call For Price		
SPMA75-F	1½" Fusion x 1" Male Adapter (Fabricated)	Call For Price		
SPMA76-F	1½" Fusion x 1¼" Male Adapter (Fabricated)	Call For Price		
SPMA77	1½" Fusion x 1½" Male Adapter	\$103.45	*	41
SPMA85-F	2" Fusion x 1" Male Adapter (Fabricated)	Call For Price		
SPMA86-F	2" Fusion x 1¼" Male Adapter (Fabricated)	Call For Price	*	41
SPMA87-F	2" Fusion x 1½" Male Adapter (Fabricated)	Call For Price		
SPMA88	2" Fusion x 2" Male Adapter	\$111.91	*	41
SPMA44LF	¾" PE Socket Fusion x ¾" Brass Male Adapter - Lead Free	\$47.52	*	-
SPMA55LF	1" PE Socket Fusion x 1" Brass Male Adapter - Lead Free	\$51.38	*	-
SPMA66LF	1¼" PE Socket Fusion x 1¼" Brass Male Adapter - Lead Free	\$98.46	*	-
SPMA77LF	1½" PE Socket Fusion x 1½" Brass Male Adapter - Lead Free	\$140.68	*	-
SPMA88LF	2" PE Socket Fusion x 2" Brass Male Adapter - Lead Free	\$161.84	*	-
SPFA42	¾" x ¼" Fusion Coupling Female Adapter	\$28.73		
SPFA43	¾" x ½" Fusion Coupling Female Adapter	\$28.73		
SPFA44	¾" x ¾" Fusion Coupling Female Adapter	\$33.43	*	41
SPFA53	1" x ½" Fusion Coupling Female Adapter	\$24.64	*	41
SPFA54	1" x ¾" Fusion Coupling Female Adapter	\$33.51	*	41
SPFA55	1" x 1" Fusion Coupling Female Adapter	\$37.34	*	41
SPFA64	1¼" x ¾" Fusion Coupling Female Adapter	\$36.93	*	41
SPFA65	1¼" x 1" Fusion Coupling Female Adapter	\$39.38	*	41
SPFA66	1¼" x 1¼" Fusion Coupling Female Adapter	\$72.00	*	41
SPFA77	1½" x 1½" Fusion Coupling Female Adapter	\$103.45	*	41
SPFA87	2" x 1½" Fusion Coupling Female Adapter	\$103.45	*	41
SPFA88	2" x 2" Fusion Coupling Female Adapter	\$111.91	*	41
SPE-MA44-F	¾" Fusion Elbow x ¾" Male Adapter (Fabricated)	Call For Price	*	-
SPE-MA55-F	1" Fusion Elbow x 1" Male Adapter (Fabricated)	Call For Price	*	-
SPEMA65-F	1¼" Fusion Elbow x 1" Male Adapter (Fabricated)	Call For Price	*	-
SPE-MA66-F	1¼" Fusion Elbow x 1¼" Male Adapter (Fabricated)	Call For Price	*	-
BPEV55	1" Valve Assembly w/ P.E. Pipe	\$152.00	*	43
BPEV66	1¼" Valve Assembly w/ P.E. Pipe	\$200.86	*	43
SPEV54C	1" Fusion Ball Valve w/ ¾" Coupling	\$157.43	*	43
SPEV55C	1" Fusion Ball Valve w/ 1" Coupling	\$168.29	*	43
SPEV66C	1¼" Fusion Ball Valve w/ 1¼" Coupling	\$211.71	*	43
SPMC55S	1" x 1" Fusion MNT Coupling (Limited Quantities Available)	\$31.73	*	43
SPMC66S	1¼" Fusion x 1¼" MNT Adapter (Limited Quantities Available)	\$30.23	*	43
PEVT566S	P.E. Flow Center Flush Tee Straight 1" x 1¼" Fusion	\$222.93	*	44
PEVT666S	P.E. Straight Valved Flush Tee 1¼" x 1¼" Fusion	\$222.93	*	44
PEVTM566S	P.E. 1" Male Flush Tee Straight 1¼" x 1¼" Fusion	\$263.47	*	44
PEVTM666S	P.E. 1¼" Male Flush Tee Straight 1¼" x 1¼" Fusion	\$293.87	*	44
PE2VT666S	P.E. Flush Tee, 2 Valved 1¼" x 1¼" Straight	\$364.80	*	44

	Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
	PE2VT665M	PE STRAIGHT 2 VALVED FLUSH TEE 1" MALE	\$410.40		
	PE2VT665F	PE STRAIGHT 2 VALVED FLUSH TEE 1" FEMALE	\$415.47		
	SPMT665S	1¼" SF X MNT TEE W/CAP	\$35.00	*	43
	SPMT355V	1" Heat Pump Connection Assembly w/PT Port x 1" Fusion	\$211.71	*	44
	SPMT356V	1" Heat Pump Connection Assembly w/PT Port 1¼" x 1¼" Fusion	\$217.14	*	44
	SPMT366V	1¼" Heat Pump Connection Assembly w/PT Port x 1¼" Fusion	\$247.96	*	44
	BPVA6	1¼" PE By-Pass Assembly with Flush Ports	\$532.00	*	44
	BPVA8	2" PE By-Pass Assembly with Flush Ports	\$1,163.75	*	44
New Item	BFPSSMA55-N	1" MPT Stainless Steel x 1" Butt Fusion	\$51.23	*	45
New Item	BFPSSMA66-N	1¼" MPT Stainless Steel x 1¼" Butt Fusion	\$55.88	*	45
New Item	BFPSSMA77-N	1½" MPT Stainless Steel x 1½" Butt Fusion	\$62.18	*	45
New Item	BFPSSMA88-N	2" MPT Stainless Steel x 2" Butt Fusion	\$65.22	*	45
New Item	BFPSSMA10-N	3" MPT Stainless Steel x 3" Butt Fusion	\$137.14	*	45
New Item	BFPSSMA11-N	4" MPT Stainless Steel x 4" Butt Fusion	\$195.59	*	45
	BFPSSMA12	6" MPT Stainless Steel x 6" Butt Fusion	\$695.10	*	45
	BFPRC54	1" x ¾" Butt Fusion Reducer	\$19.46	*	45
	BFPRC65	1¼" x 1" Butt Fusion Reducer	\$19.88	*	45
	BFPRC74	1½" x ¾" Butt Fusion Reducer	\$20.25	*	45
	BFPRC75	1½" x 1" Butt Fusion Reducer	\$21.70	*	45
	BFPRC76	1½" x 1¼" Butt Fusion Reducer	\$22.20	*	45
	BFPRC85	2" x 1" Butt Fusion Reducer	\$22.20	*	45
	BFPRC86	2" x 1¼" Butt Fusion Reducer	\$22.20	*	45
	BFPRC87	2" x 1½" Butt Fusion Reducer	\$25.20	*	45
	BFPRC108	3" x 2" Butt Fusion Reducer	\$26.50	*	45
	BFPRC108S	3" x 2" Butt Fusion Reducer (Fabricated)	Call For Price		
	BFPRC118	4" x 2" Butt Fusion Reducer	\$41.60	*	45
	BFPRC1110	4" x 3" Butt Fusion Reducer	\$37.90	*	45
	BFPRC1210	6" x 3" Butt Fusion Reducer	\$110.65	*	45
	BFPRC1211	6" x 4" Butt Fusion Reducer	\$107.05	*	45
	BFPRC1411	8" x 4" Butt Fusion Reducer	\$198.98		45
	BFPRC1412	8" x 6" Butt Fusion Reducer	\$192.66		45
	BFPRC1612	10" x 6" Butt Fusion Reducer	\$285.49		45
	BFPRC1614	10" x 8" Butt Fusion Reducer	\$249.79		45
	BFPRC1814	12" x 8" Butt Fusion Reducer	\$392.54		45
	BFPRC1816	12" x 10" Butt Fusion Reducer	\$556.88	*	45
	BFPE5	1" Butt Fusion 90° Elbow	\$15.64	*	46
	BFPE6	1¼" Butt Fusion 90° Elbow	\$19.08	*	46
	BFPE7	1½" Butt Fusion 90° Elbow	\$22.37	*	46
	BFPE8	2" Butt Fusion 90° Elbow	\$23.79	*	46
	BFPE10	3" Butt Fusion 90° Elbow	\$44.64	*	46
	BFPE11	4" Butt Fusion 90° Elbow	\$55.32	*	46
	BFPE12	6" Butt Fusion 90° Elbow	\$136.80	*	46
	BFPE14	8" Butt Fusion 90° Elbow	\$380.57		46
	BFPE16	10" Butt Fusion 90° Elbow	\$894.25		46
	BFPE18	12" Butt Fusion 90° Elbow	\$1,049.38		46
	BFPE5-45	1" Butt Fusion 45° Elbow	\$20.14	*	46
	BFPE6-45	1¼" Butt Fusion 45° Elbow	\$21.00	*	46
	BFPE7-45	1½" Butt Fusion 45° Elbow	\$25.00	*	46
	BFPE8-45	2" Butt Fusion 45° Elbow	\$23.79	*	46
	BFPE10-45	3" Butt Fusion 45° Elbow	\$44.64	*	46
	BFPE11-45	4" Butt Fusion 45° Elbow	\$55.32	*	46
	BFPE12-45	6" Butt Fusion 45° Elbow	\$136.80	*	46

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
BFPE14-45	8" Butt Fusion 45° Elbow	\$353.03		46
BFPE16-45	10" Butt Fusion 45° Elbow	\$1,244.41		46
BFPE18-45	12" Butt Fusion 45° Elbow	\$1,120.96		46
BFPY8	2" Butt Fusion Wye	\$42.95	*	46
BFPY10	3" Butt Fusion Wye	\$248.45	*	47
BFPY11	4" Butt Fusion Wye	\$317.80	*	48
BFPY12	6" Butt Fusion Wye	\$583.60	*	49
BFPCP6	1¼" Butt Fusion Cap	Call For Price	*	47
BFPCP7	1½" Butt Fusion Cap	\$14.33	*	47
BFPCP8	2" Butt Fusion Cap	\$9.71	*	47
BFPCP10	3" Butt Fusion Cap	\$21.13	*	47
BFPCP11	4" Butt Fusion Cap	\$38.10	*	47
BFPCP12	6" Butt Fusion Cap	\$98.45	*	47
BFPCP14	8" Butt Fusion Cap	\$132.30		47
BFPCP16	10" Butt Fusion Cap	\$584.64		47
BFPCP18	12" Butt Fusion Cap	\$1,173.57		47
BFPT5	1" Butt Fusion Tee	\$14.89	*	47
BFPT6	1¼" Butt Fusion Tee	\$20.88	*	47
BFPT7	1½" Butt Fusion Tee	\$25.16	*	47
BFPT8	2" Butt Fusion Tee	\$27.64	*	47
BFPT10	3" Butt Fusion Tee	\$50.26	*	47
BFPT11	4" Butt Fusion Tee	\$77.43	*	47
BFPT12	6" Butt Fusion Tee	\$180.60	*	47
BFPT14	8" Butt Fusion Tee	\$363.95		47
BFPT16	10" Butt Fusion Tee	\$1,013.41		47
BFPT18	12" Butt Fusion Tee	\$1,200.44		47
BFPT0808-4B	2" x 2" x ¾" Butt Fusion Tee (Molded)	\$38.33	*	48
BFPT0808-5B	2" x 2" x 1" Butt Fusion Tee (Molded)	\$38.33	*	48
BFPT0808-6B	2" x 2" x 1¼" Butt Fusion Tee (Molded)	\$38.33	*	48
BFPT1010-5B	3" x 3" x 1" Butt Tee (Molded)	\$64.54	*	48
BFPT1010-6B	3" x 3" x 1¼" Butt Tee (Molded)	\$64.54	*	48
BFPT1010-7B	3" x 3" x 1½" Butt Tee (Fabricated)	Call For Price		
BFPT1010-8B	3" x 3" x 2" Butt Tee (Molded)	\$64.54	*	48
BFPT1106	4" X 4" x 1¼" Butt Fusion Tee (Molded)	\$80.60	*	48
BFPT1108	4" x 4" x 2" Butt Fusion Tee (Molded)	\$80.60	*	48
BFPT1110	4" x 4" x 3" Butt Fusion Tee (Molded)	\$96.79	*	48
BFPT1208	6" x 6" x 2" Butt Fusion Tee (Molded)	\$192.41	*	48
BFPT1210	6" x 6" x 3" Butt Fusion Tee (Molded)	\$203.93	*	48
BFPT1211	6" x 6" x 4" Butt Fusion Tee (Molded)	\$217.70	*	48
BFPT1414-11B	8" x 8" x 4" Butt Fusion Tee (Molded)	\$424.23		48
BFPT1412	8" x 8" x 6" Butt Fusion Tee (Molded)	\$424.93		48
BFPT0808-4S	2" Butt x 2" Butt x ¾" Socket (Fabricated)	\$47.56	*	49
BFPT0808-5S	2" Butt x 2" Butt x 1" Socket (Fabricated)	\$50.93	*	49
BFPT0808-6S	2" Butt x 2" Butt x 1¼" Socket (Fabricated)	\$57.73	*	49
BFPT1010-4S	3" Butt x 3" Butt x ¾" Socket (Fabricated)	\$71.32	*	49
BFPT1010-5S	3" Butt x 3" Butt x 1" Socket (Fabricated)	\$73.00	*	49
BFPT1010-6S	3" Butt x 3" Butt x 1¼" Socket (Fabricated)	\$78.11	*	49
BFPT1010-7S	3" Butt x 3" Butt x 1½" Socket (Fabricated)	\$78.62	*	49
BFPT1010-8S	3" Butt x 3" Butt x 2" Socket (Fabricated)	\$81.54	*	49
BFPT1111-4S	4" Butt x 4" Butt x ¾" Socket (Fabricated)	\$84.90	*	49
BFPT1111-5S	4" Butt x 4" Butt x 1" Socket (Fabricated)	\$91.70	*	49
BFPT1111-6S	4" Butt x 4" Butt x 1¼" Socket (Fabricated)	\$93.38	*	49

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
BFPT1111-7S	4" Butt x 4" Butt x 1½" Socket (Fabricated)	\$95.07	*	49
BFPT1111-8S	4" Butt x 4" Butt x 2" Socket (Fabricated)	\$95.07	*	49
BFPT1212-5S	6" Butt x 6" Butt x 1" Socket (Fabricated)	\$155.65	*	49
BFPT1212-6S	6" Butt x 6" Butt x 1¼" Socket (Fabricated)	\$155.65	*	49
BFPT1212-7S	6" Butt x 6" Butt x 1½" Socket (Fabricated)	\$156.17	*	49
BFPT1212-8S	6" Butt x 6" Butt x 2" Socket (Fabricated)	\$156.17	*	49
BFPFA5	1" Butt Fusion Flange Adapter - (NO BEVEL)	\$19.45	*	50
BFPFA6	1¼" Butt Fusion Flange Adapter - (NO BEVEL)	\$20.67	*	50
BFPFA7	1½" Butt Fusion Flange Adapter - (NO BEVEL)	\$32.67	*	50
BFPFA8-T	2" Butt Fusion Flange Adapter - Tapered	\$35.13	*	50
BFPFA10-T	3" Butt Fusion Flange Adapter - Tapered	\$38.82	*	50
BFPFA11-T	4" Butt Fusion Flange Adapter - Tapered	\$53.96	*	50
BFPFA12-T	6" Butt Fusion Flange Adapter - Tapered	\$85.34	*	50
BFPFA14-T	8" Butt Fusion Flange Adapter - Tapered	\$131.43		50
BFPFA16	10" Butt Fusion Flange Adapter - Tapered	\$192.66		
BFPFA16-T	10" Butt Fusion Flange Adapter - Non-Tapered	\$210.32		50
BFPFA18-T	12" Butt Fusion Flange Adapter - Tapered	\$305.74		50
DFIBR5	1" IPS Metal Back-Up Ring 150#	\$23.74	*	50
DFIBR6	1¼" IPS Metal Back-Up Ring 150#	\$23.50	*	50
DFIBR7	1½" IPS Metal Back-Up Ring 150#	\$25.45	*	50
DFIBR8	2" IPS Metal Back-Up Ring 150#	\$21.60	*	50
DFIBR10	3" IPS Metal Back-Up Ring 150#	\$27.45	*	50
DFIBR11	4" IPS Metal Back-Up Ring 150#	\$43.20	*	50
DFIBR12	6" IPS Metal Back-Up Ring 150#	\$68.54	*	50
DFIBR14	8" IPS Metal Back-Up Ring 150#	\$109.67		50
DFIBR16	10" IPS Metal Back-Up Ring 150#	\$154.33		50
DFIBR18	12" IPS Metal Back-Up Ring 150#	\$193.67		50
DFIBRSS-6	1¼" IPS Stainless Steel Back-Up Ring 304	\$124.97	*	50
DFIBRSS-7	1½" IPS Stainless Steel Back-Up Ring 304	\$141.87	*	50
DFIBRSS-8	2" IPS Stainless Steel Back-Up Ring 304	\$175.89	*	50
DFIBRSS-10	3" IPS Stainless Steel Back-Up Ring 304	\$241.41	*	50
DFIBRSS-11	4" IPS Stainless Steel Back-Up Ring 304	\$283.73	*	50
DFIBRSS-12	6" IPS Stainless Steel Back-Up Ring 304	\$353.31	*	50
GASREDF182	2" #150 Red Rubber 1/8FF Gasket	\$14.25		51
GASREDF183	3" #150 Red Rubber 1/8FF Gasket	\$25.19		51
GASREDF184	4" #150 Red Rubber 1/8FF Gasket	\$30.15		51
GASREDF186	6" #150 Red Rubber 1/8FF Gasket	\$33.65		51
GASREDF188	8" #150 Red Rubber 1/8FF Gasket	\$33.95		51
NLJ300D	2" Cast Iron Lug w/EPDM 416 SS-Shaft w/ Lever	\$464.40		51
NLJ300F	3" Cast Iron Lug w/EPDM 416 SS-Shaft w/ Lever	\$596.14		51
NLJ300H	4" Cast Iron Lug w/EPDM 416 SS-Shaft w/ Lever	\$702.17		51
NLJ300K	6" Cast Iron Lug w/EPDM 416 SS-Shaft w/ Lever	\$1,130.05		51
NLJ300L	8" Cast Iron Lug w/EPDM 416 SS-Shaft w/ Lever	\$1,529.54		51
NLJ310M	10" Cast Iron Lug w/EPDM 416 SS-Shaft w/Gear Operator	\$2,881.36		51
NLJ310N	12" Cast Iron Lug w/EPDM 416 SS-Shaft w/Gear Operator	\$3,747.50		51
BFPMJ8	2" IPS x IPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$99.88	*	52
BFPMJ10	3" IPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$146.14	*	52
BFPMJ11	4" IPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$185.55	*	52
BFPMJ12	6" IPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$218.70	*	52
BFPMJ14	8" IPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$284.95		52
BFPMJ16	10" IPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$377.75		52
BFPMJ18	12" IPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$480.10		52

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
BFBPMJD10	3" DIPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$158.32	*	52
BFBPMJD11	4" DIPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$185.55	*	52
BFBPMJD12	6" DIPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$276.64	*	52
BFBPMJD14	8" DIPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$344.45		52
BFBPMJD16	10" DIPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$451.41		52
BFBPMJD18	12" DIPS x DIPS MJ Adapter SDR11 HDPE-4710 w/out Stiffners	\$492.42		52
BFBPMJ10SS	3" IPS x DIPS MJ Adapter SDR11 HDPE-4710 (W/S. SLEEVE)	\$159.05	*	53
BFBPMJ11SS	4" IPS x DIPS MJ Adapter SDR11 HDPE-4710 (W/S. SLEEVE)	\$289.60	*	53
BFBPMJ12SS	6" IPS x DIPS MJ Adapter SDR11 HDPE-4710 (W/S. SLEEVE)	\$342.95	*	53
BFBPMJ14SS	8" IPS x DIPS MJ Adapter SDR11 HDPE-4710 (W/S. SLEEVE)	\$373.45		53
BFBPMJ16SS	10" IPS x DIPS MJ Adapter SDR11 HDPE-4710 (W/S. SLEEVE)	\$426.77		53
BFBPMJ18SS	12" IPS x DIPS MJ Adapter SDR11 HDPE-4710 (W/S. SLEEVE)	\$476.51		53
DFIMJK08	2" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$104.26	*	53
DFIMJK10	3" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$118.52	*	53
DFIMJK11	4" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$183.75	*	53
DFIMJK12	6" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$248.68	*	53
DFIMJK14	8" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$290.37		53
DFIMJK16	10" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$396.77		53
DFIMJK18	12" Metal MJ Kit 0153 - Includes Gland, Ring, Bolts	\$411.16		53
BFPSS63S/64B	1¼" Sidewall Fusion x ½" SF or ¾" BF Outlet Saddle	\$28.10	*	54
BFPSS64B	1¼" Sidewall Fusion x ¾" BF Outlet Saddle	\$28.10	*	54
BFPSS64S/65B	1¼" Sidewall Fusion x ¾" SF or 1" BF Outlet Saddle	\$28.10	*	54
BFPSS65S	1¼" Sidewall Fusion x 1" SF Outlet Saddle	\$28.10	*	54
BFPSS74S/75B	1½" Sidewall Fusion x ¾" SF or 1" BF Saddle	\$28.10	*	54
BFPSS75S	1½" Sidewall Fusion x 1" SF Outlet Saddle	\$28.10	*	54
BFPSS84S/85B	2" Sidewall Fusion x ¾" SF or 1" BF Outlet Saddle	\$28.10	*	54
BFPSS85S/86B	2" Sidewall Fusion x 1" SF or 1¼" BF Outlet Saddle	\$28.10	*	54
BFPSS86S	2" Sidewall Fusion x 1¼" SF Outlet Saddle	\$28.10	*	54
BFPSS87B	2" Sidewall Fusion x 1½" BF Outlet Saddle	\$37.55	*	54
BFPSS104S/105B	3" Sidewall Fusion x ¾" SF or 1" BF Outlet Saddle	\$28.10	*	54
BFPSS105S/106B	3" Sidewall Fusion x 1" SF or 1¼" BF Outlet Saddle	\$28.10	*	54
BFPSS106S	3" Sidewall Fusion x 1¼" SF Outlet Saddle	\$28.10	*	54
BFPSS107B	3" Sidewall Fusion x 1½" BF Outlet Saddle	\$39.15	*	54
BFPSS114S/115B	4" Sidewall Fusion x ¾" SF or 1" BF Outlet Saddle	\$28.10	*	54
BFPSS115S/116B	4" Sidewall Fusion x 1" SF or 1¼" BF Outlet Saddle	\$28.10	*	54
BFPSS116B	4" Sidewall Fusion x 1¼" BF Outlet Saddle	\$28.10	*	54
BFPSS116S	4" Sidewall Fusion x 1¼" SF Outlet Saddle	\$28.10	*	54
BFPSS117B	4" Sidewall Fusion x 1½" BF Outlet Saddle	\$38.90	*	54
BFPSS124S/125B	6" Sidewall Fusion x ¾" SF or 1" BF Outlet Saddle	\$28.10	*	54
BFPSS125S	6" Sidewall Fusion x 1" SF Outlet Saddle	\$28.10	*	54
BFPSS126S	6" Sidewall Fusion x 1¼" SF Outlet Saddle	\$28.10	*	54
BFPSS127B	6" Sidewall Fusion x 1½" BF Outlet Saddle	\$47.25	*	54
BFPSS144S	8" Sidewall Fusion x ¾" SF Outlet Saddle	\$28.10	*	54
BFPSS144S/145B	8" Sidewall Fusion x ¾" SF or 1" BF Outlet Saddle	\$28.10	*	54
BFPSS145S	8" Sidewall Fusion x 1" SF Outlet Saddle	\$28.10	*	54
BFPSS166B	10" Sidewall Fusion x 1¼" BF Outlet Saddle	\$28.10	*	54
BFPBS108	3" x 2" Branch Saddle Butt Fused Outlet - Round Base	\$43.90	*	55
BFPBS118	4" x 2" Branch Saddle Butt Fused Outlet - Round Base	\$43.90	*	55
BFPBS1110	4" x 3" Branch Saddle Butt Fused Outlet - Round Base	\$82.43	*	55
BFPBS128	6" x 2" Branch Saddle Butt Fused Outlet - Round Base	\$51.51	*	55
BFPBS1210	6" x 3" Branch Saddle Butt Fused Outlet - Round Base	\$76.08	*	55
BFPBS1211	6" x 4" Branch Saddle Butt Fused Outlet - Round Base	\$105.85	*	55

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
BFPBS148	8" x 2" Branch Saddle Butt Fused Outlet - Round Base	\$34.18	*	55
BFPBS1410	8" x 3" Branch Saddle Butt Fused Outlet - Round Base	\$81.09	*	55
BFPBS1411	8" x 4" Branch Saddle Butt Fused Outlet - Round Base	\$93.65	*	55
BFPBS1412	8" x 6" Branch Saddle Butt Fused Outlet - Round Base	\$228.75	*	55
BFPBS168	10" x 2" Branch Saddle Butt Fused Outlet - Round Base	\$53.07	*	55
BFPBS1610	10" x 3" Branch Saddle Butt Fused Outlet - Round Base	\$98.98	*	55
BFPBS1611	10" x 4" Branch Saddle Butt Fused Outlet - Round Base	\$103.95	*	55
BFPBS1811	12" x 4" Branch Saddle Butt Fused Outlet - Round Base	\$97.59	*	55
BFPBS2412	18" x 6" Branch Saddle Butt Fused Outlet - Round Base	\$396.67	*	55
12EIME012C	½" CTS Electrofusion Coupling	\$23.06	*	56
12EIME34	¾" IPS Electrofusion Coupling	\$22.50	*	56
12EIME01	1" IPS Nupi Electrofusion Coupling	\$24.25	*	56
12EIME114	1¼" IPS Nupi Electrofusion Coupling	\$26.35	*	56
12EIME112	1½" IPS Nupi Electrofusion Coupling	\$30.03	*	56
12EIME02	2" IPS Nupi Electrofusion Coupling	\$31.39	*	56
12EIME03	3" IPS Nupi Electrofusion Coupling	\$72.19	*	56
12EIME04	4" IPS Nupi Electrofusion Coupling	\$96.33	*	56
12EIME06	6" IPS Nupi Electrofusion Coupling	\$231.31	*	56
12EIME08	8" IPS Nupi Electrofusion Coupling	\$296.17	*	56
12EIME10	10" IPS Nupi Electrofusion Coupling	\$722.45		56
12EIME12	12" IPS Nupi Electrofusion Coupling	\$1,011.25		56
12DIME08	8" IPS Electrofusion Coupling - 160PSI	\$256.52		56
12DIME10	10" IPS Electrofusion Coupling - 160PSI	\$579.41		56
12DIME12	12" IPS Electrofusion Coupling - 160PSI	\$811.10		56
12EIMED08	8" DIPS Nupi Electrofusion Coupling	\$346.64		56
12EIMED10	10" DIPS Nupi Electrofusion Coupling	\$961.34		56
12EIMED12	12" DIPS Nupi Electrofusion Coupling	\$1,021.45		56
12EICOL11401	1¼" x 1" IPS Electrofusion Branch Saddle	\$72.23	*	57
12EICOL0234	2" x ¾" IPS Electrofusion Branch Saddle	\$72.23	*	57
12EICOL0201	2" x 1" IPS Electrofusion Branch Saddle	\$72.23	*	57
12EICOL0202	2" x 2" IPS Electrofusion Branch Saddle	\$83.69	*	57
12EICOL0334	3" x ¾" IPS Electrofusion Branch Saddle	\$83.69	*	57
12EICOL0301	3" x 1" IPS Electrofusion Branch Saddle	\$83.69	*	57
12EICOL03114	3" x 1¼" IPS Electrofusion Branch Saddle	\$83.69	*	57
12EICOL0302	3" x 2" IPS Electrofusion Branch Saddle	\$83.69	*	57
12EICOL0303	3" x 3" IPS Electrofusion Branch Saddle	\$312.67		
12EICOL0434	4" x ¾" IPS Electrofusion Branch Saddle	\$93.35	*	57
12EICOL0401	4" x 1" IPS Electrofusion Branch Saddle	\$93.35	*	57
12EICOL04114	4" x 1¼" IPS Electrofusion Branch Saddle	\$93.35	*	57
12EICOL0402	4" x 2" IPS Electrofusion Branch Saddle	\$93.35	*	57
12EICOL0403	4" x 3" IPS Electrofusion Branch Saddle	\$366.96	*	57
12EICOL0634	6" x ¾" IPS Electrofusion Branch Saddle	\$112.69	*	57
12EICOL0601	6" x 1" IPS Electrofusion Branch Saddle	\$112.69	*	57
12EICOL06114	6" x 1¼" IPS Electrofusion Branch Saddle	\$112.69	*	57
12EICOL0602	6" x 2" IPS Electrofusion Branch Saddle	\$112.69	*	57
12EICOL0603	6" x 3" IPS Electrofusion Branch Saddle	\$406.82	*	57
12EICOL0604	6" x 4" IPS Electrofusion Branch Saddle	\$488.18		57
12EICOL0834	8" x ¾" IPS Electrofusion Branch Saddle	\$148.09	*	57
12EICOL0801	8" x 1" IPS Electrofusion Branch Saddle	\$137.75	*	57
12EICOL08114	8" x 1¼" IPS Electrofusion Branch Saddle	\$148.09	*	57
12EICOL0802	8" x 2" IPS Electrofusion Branch Saddle	\$137.75	*	57
12EICOL0803	8" x 3" IPS Electrofusion Branch Saddle	\$425.61	*	57

New Item

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
12EICOL0804	8" x 4" IPS Electrofusion Branch Saddle	\$525.77	*	57
12EICOL10114	10" x 1¼" IPS Electrofusion Branch Saddle	\$160.92	*	57
12EICOL1002	10" x 2" IPS Electrofusion Branch Saddle	\$160.92	*	57
12EICOL1003	10" x 3" IPS Electrofusion Branch Saddle	\$463.52	*	57
12EICOL1004	10" x 4" IPS Electrofusion Branch Saddle	\$617.97	*	57
12EICOLTL1006	10" X 6" IPS Electrofusion Top Load Branch Saddle	\$1,351.89	*	57
12EICOL1202	12" x 2" IPS Electrofusion Branch Saddle	\$173.79	*	57
12EICOL1203	12" x 3" IPS Electrofusion Branch Saddle	\$502.13	*	57
12EICOL1204	12" x 4" IPS Electrofusion Branch Saddle	\$704.29	*	57
12EICOL1206	12" x 6" IPS Electrofusion Branch Saddle	\$1,285.20	*	57
12EICOLTL1208	12" x 8" IPS Electrofusion Branch Saddle	Call For Price		
12E8202	Nupi 4.0mm to 4.7mm Adapter (Sold as Pair)	\$225.34	*	57
12EICEM02	2" IPS Electrofusion 45° Elbow	\$75.08	*	58
12EIGEM02	2" IPS Electrofusion 90° Elbow	\$75.08	*	58
12EICEM03	3" IPS Electrofusion 45° Elbow	\$169.94	*	58
12EIGEM03	3" IPS Electrofusion 90° Elbow	\$169.94	*	58
12EIGEM04	4" IPS Electrofusion 90° Elbow	\$241.07	*	58
12EIGEM06	6" IPS Electrofusion 90° Elbow	\$519.94	*	58
12EITCE02	2" IPS Electrofusion Tee w/ Spigot End	\$86.73	*	58
12EITCE03	3" IPS Electrofusion Tee w/ Spigot End	\$203.55	*	58
12EIRDE0302	3" x 2" IPS Electrofusion Reducer PE 4710/230 PSI	\$76.26	*	58
12EIRDE0402	4" x 2" IPS Electrofusion Reducer PE 4710/230 PSI	\$97.03	*	58
12EIRDE0403	4" x 3" IPS Electrofusion Reducer PE 4710/230 PSI	\$100.54	*	58
12EIRDE0604	6" x 4" IPS Electrofusion Reducer PE 4710/230 PSI	\$221.84	*	58
12EIPRES0234	2" x ¾" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$51.53	*	58
12EIPRES0201	2" x 1" IPS IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$51.53	*	58
12EIPRES02114	2" x 1¼" IPS IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$71.84	*	58
12EIPRES0202	2" x 2" IPS IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$180.25	*	58
12EIPRES0334	3" x ¾" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$54.79	*	58
12EIPRES0301	3" x 1" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$54.79	*	58
12EIPRES03114	3" x 1¼" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$77.28	*	58
12EIPRES0302	3" x 2" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$186.71	*	58
12EIPRES0434	4" x ¾" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$61.15	*	58
12EIPRES0401	4" x 1" IPS IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$61.15	*	58
12EIPRES04114	4 x 1¼" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$86.94	*	58
12EIPRES0402	4" X 2" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$199.53	*	58
12EIPRES0634	6" x ¾" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$74.07	*	58
12EIPRES0601	6" x 1" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$74.07	*	58
12EIPRES06114	6" x 1¼" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$93.01	*	58
12EIPRES0602	6" x 2" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$212.45	*	58
12EIPRES0801	8" x 1" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$115.89	*	58
12EIPRES1001	10" x 1" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$148.09	*	58
12EIPRES1201	12" x 1" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$167.38	*	58
12EIPRES1202	12" x 2" IPS Electrofusion Branch Saddle Tapping Tee - Butt	\$244.61	*	58
BFPV55FP	1" Full Port Polyball Valve SDR11 Butt Fusion (Nupi Brand)	\$130.00	*	59
BFPV66FP	1¼" Full Port Polyball Valve SDR11 Butt Fusion (Nupi Brand)	\$236.49	*	59
BFPV77FP	1½" Full Port Polyball Valve SDR11 Butt Fusion (Nupi Brand)	\$250.00	*	59
BFPV88FP	2" Full Port Polyball Valve SDR11 Butt Fusion (Nupi Brand)	\$253.62	*	59
BFPV1010FP	3" Full Port Polyball Valve SDR11 Butt Fusion (Nupi Brand)	\$510.59	*	59
BFPV1111FP	4" Full Port Polyball Valve SDR11 Butt Fusion (Nupi Brand)	\$675.29	*	59
6-69111-N	6" Full Port Polyball Valve SDR11 Butt Fusion (Special Order)	Call For Price	*	59
PVKEY-2	Street Key for Polyethylene Valve, 2" Thru 12"	\$113.40	†	59

New Item

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
BV004	¾" FPT Brass Ball Valve (Full Port)	\$46.02	†	60
BV007	1" FPT Brass Ball Valve (Full Port)	\$61.77	†	60
BV010	1¼" FPT Brass Ball Valve (Full Port)	\$89.20	†	60
BV013	1½" FPT Brass Ball Valve (Full Port)	\$189.16	†	60
BV016	2" FPT Brass Ball Valve (Full Port)	\$252.75	†	60
BVIBU3FF	1" FPT Brass Ball Valve w/Union P/T (Full Port)	\$176.57	†	61
BVIBU4FF	1¼" FPT Brass Ball Valve w/Union P/T (Full Port)	\$270.48	†	61
BVIBU5FF	1½" FPT Brass Ball Valve w/Union P/T (Full Port)	\$360.64	†	61
BVIBU6FF	2" FPT Brass Ball Valve w/Union P/T (Full Port)	\$530.63	†	61
ELO44FA	¾" IPS Compression x ¾" Female Adapter	\$22.41	*	62
ELO55FA	1" IPS Compression x 1" Female Adapter	\$18.77	*	62
ELO66FA	1¼" IPS Compression x 1¼" Female Adapter	\$27.51	*	62
ELO77FA-NEW	1½" IPS Compression x 1½" Female Adapter	\$69.20	*	62
ELO88FA	2" IPS Compression x 2" Female Adapter	\$56.47	*	62
ELO44MA	¾" IPS Compression x ¾" Male Adapter	\$16.60	*	62
ELO55MA	1" IPS Compression x 1" Male Adapter	\$18.04	*	62
ELO66MA	1¼" IPS Compression x 1¼" Male Adapter	\$25.17	*	62
ELO77MA	1½" IPS Compression x 1½" Male Adapter	\$69.20	*	62
ELO88MA	2" IPS Compression x 2" Male Adapter	\$50.65	*	62
ELO4EC	¾" IPS Compression End Cap	\$15.50	*	62
ELO5EC	1" IPS Compression End Cap	\$22.12	*	62
ELO6EC	1¼" IPS Compression End Cap	\$30.32	*	62
ELO7EC-NEW	1½" IPS Compression End Cap	\$66.19	*	62
ELO8EC	2" IPS Compression End Cap	\$79.73	*	62
ELO42TC	¾" IPS Test Cap (¾" x ¼" FPT)	\$56.30	*	62
ELO52TC	1" IPS Test Cap (1" x ¼" FPT)	\$62.40	*	62
ELO62TC	1¼" IPS Test Cap (1¼" x ¼" FPT)	\$112.53	*	62
ELO72TC	1½" IPS Test Cap (1½" x ¼" FPT)	\$168.48	*	62
ELO82TC	2" IPS Test Cap (2" x ¼" FPT)	\$237.40	*	62
ELOTC4Kit	¾" IPS Compression Test Cap Kit	\$181.44	*	62
ELOTC5Kit	1" IPS Compression Test Cap Kit	\$194.40	*	62
ELOTC6Kit	1¼" IPS Compression Test Cap Kit	\$226.80	*	62
ELOTC7Kit	1½" IPS Compression Test Cap Kit	\$304.56	*	62
ELOTC8Kit	2" IPS Compression Test Cap Kit	\$356.40	*	62
ELO44C	¾" IPS x ¾" IPS Coupling	\$20.85	*	63
ELO55C	1" IPS x 1" IPS Coupling	\$26.94	*	63
ELO66C	1¼" IPS x 1¼" IPS Coupling	\$42.07	*	63
ELO88C	2" IPS x 2" IPS Coupling	\$79.61	*	63
ELO44E	¾" IPS x ¾" IPS Elbow	\$18.98	*	63
ELO55E	1" IPS x 1" IPS Elbow	\$33.26	*	63
ELO66E	1¼" IPS x 1¼" IPS Elbow	\$37.96	*	63
ELO77E	1½" IPS x 1½" IPS Elbow	\$66.19	*	63
ELO88E	2" IPS x 2" IPS Elbow	\$96.27	*	63
PE4C-PVC4C	¾" IPS x ¾" PVC Coupling	\$23.20	*	63
PE5C-PVC5C	1" IPS x 1" PVC Coupling	\$27.20	*	63
PE6C-PVC6C	1¼" IPS x 1¼" PVC Coupling	\$48.70	*	63
PE7C-PVC7C	1½" IPS x 1½" PVC Coupling	\$70.30		
PE4E-PVC4E	¾" IPS x ¾" PVC Elbow	\$24.20	*	63
PE5E-PVC5E	1" IPS x 1" PVC Elbow	\$28.15	*	63
PE6E-PVC6E	1¼" IPS x 1¼" PVC Elbow	\$53.05	*	63
PE7E-PVC7E	1½" IPS x 1½" PVC Elbow	\$74.15		
OOCHIAVE025	¾" Compression Wrench	\$32.41	*	63

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
OOCHIAVE032	1" Compression Wrench	\$38.79	*	63
OOCHIAVE040	1¼" Compression Wrench	\$42.05	*	63
OOCHIAVE050	1½" Compression Wrench	\$51.75	*	63
OOCHIAVE063	2" Compression Wrench	\$64.71	*	63
SK644K02	1¼" Inlet x (3) ¾" Outlets-Parallel (priced per each)	\$37.75	*	64
SK644K03	1¼" Inlet x (4) ¾" Outlets-Parallel (priced per each)	\$46.51	*	64
SK644K04	1¼" Inlet x (5) ¾" Outlets-Parallel (priced per each)	\$63.94	*	64
SK644K05	1¼" Inlet x (6) ¾" Outlets-Parallel (priced per each)	\$87.35	*	64
SK644K06	1¼" Inlet x (7) ¾" Outlets-Parallel (priced per each)	\$106.13	*	64
SK655K02	1¼" Inlet x (3) 1" Outlets-Parallel (priced per each)	\$66.12	*	64
SK655K03	1¼" Inlet x (4) 1" Outlets-Parallel (priced per each)	\$92.72	*	64
SK655K04	1¼" Inlet x (5) 1" Outlets-Parallel (priced per each)	\$124.16	*	64
SK655K05	1¼" Inlet x (6) 1" Outlets-Parallel (priced per each)	\$144.88	*	64
SK655K06	1¼" Inlet x (7) 1" Outlets-Parallel (priced per each)	\$183.02	*	64
SK744K03	1½" Inlet x (4) ¾" Outlets-Parallel (priced per each)	\$162.32	*	64
SK744K04	1½" Inlet x (5) ¾" Outlets-Parallel (priced per each)	\$206.34	*	64
SK744K05	1½" Inlet x (6) ¾" Outlets-Parallel (priced per each)	\$238.45	*	64
SK744K06	1½" Inlet x (7) ¾" Outlets-Parallel (priced per each)	\$250.42	*	64
SK744K07	1½" Inlet x (8) ¾" Outlets-Parallel (priced per each)	\$267.84	*	64
SK755K02	1½" Inlet x (3) 1" Outlets-Parallel (priced per each)	\$98.27	*	64
SK755K03	1½" Inlet x (4) 1" Outlets-Parallel (priced per each)	\$126.92	*	64
SK755K04	1½" Inlet x (5) 1" Outlets-Parallel (priced per each)	\$169.55	*	64
SK755K05	1½" Inlet x (6) 1" Outlets-Parallel (priced per each)	\$229.45	*	64
SK755K06	1½" Inlet x (7) 1" Outlets-Parallel (priced per each)	\$280.09	*	64
SK844K04	2" Inlet x (5) ¾" Outlets-Parallel (priced per each)	\$148.20	*	64
SK844K05	2" Inlet x (6) ¾" Outlets-Parallel (priced per each)	\$188.89	*	64
SK844K06	2" Inlet x (7) ¾" Outlets-Parallel (priced per each)	\$198.64	*	64
SK844K07	2" Inlet x (8) ¾" Outlets-Parallel (priced per each)	\$223.65	*	64
SK844K08	2" Inlet x (9) ¾" Outlets-Parallel (priced per each)	\$266.14	*	64
SK844K09	2" Inlet x (10) ¾" Outlets-Parallel (priced per each)	\$308.63	*	64
SK844K10	2" Inlet x (11) ¾" Outlets-Parallel (priced per each)	\$364.59	*	64
SK844K11	2" Inlet x (12) ¾" Outlets-Parallel (priced per each)	\$414.89	*	64
SK855K02	2" Inlet x (3) 1" Outlets-Parallel (priced per each)	\$121.39	*	64
SK855K03	2" Inlet x (4) 1" Outlets-Parallel (priced per each)	\$134.80	*	64
SK855K04	2" Inlet x (5) 1" Outlets-Parallel (priced per each)	\$147.58	*	64
SK855K05	2" Inlet x (6) 1" Outlets-Parallel (priced per each)	\$164.02	*	64
SK855K06	2" Inlet x (7) 1" Outlets-Parallel (priced per each)	\$180.53	*	64
SK855K07	2" Inlet x (8) 1" Outlets-Parallel (priced per each)	\$265.72	*	64
SK855K08	2" Inlet x (9) 1" Outlets-Parallel (priced per each)	\$309.11	*	64
SK855K09	2" Inlet x (10) 1" Outlets-Parallel (priced per each)	\$367.08	*	64
SK644K02H	1¼" Inlet x (3) ¾" Outlets-Alt 180 H (priced per each)	\$40.44	*	65
SK644K03H	1¼" Inlet x (4) ¾" Outlets-Alt 180 H (priced per each)	\$49.83	*	65
SK644K04H	1¼" Inlet x (5) ¾" Outlets-Alt 180 H (priced per each)	\$68.51	*	65
SK644K05H	1¼" Inlet x (6) ¾" Outlets-Alt 180 H (priced per each)	\$94.06	*	65
SK644K06H	1¼" Inlet x (7) ¾" Outlets-Alt 180 H (priced per each)	\$114.29	*	65
SK655K02H	1¼" Inlet x (3) 1" Outlets-Alt 180 H (priced per each)	\$66.12	*	65
SK655K03H	1¼" Inlet x (4) 1" Outlets-Alt 180 H (priced per each)	\$92.72	*	65
SK655K04H	1¼" Inlet x (5) 1" Outlets-Alt 180 H (priced per each)	\$124.16	*	65
SK655K05H	1¼" Inlet x (6) 1" Outlets-Alt 180 H (priced per each)	\$144.88	*	65
SK655K06H	1¼" Inlet x (7) 1" Outlets-Alt 180 H (priced per each)	\$183.02	*	65
SK844K07H	2" Inlet x (8) ¾" Outlets-Alt 180 H (priced per each)	\$223.65	*	65
SK844K08H	2" Inlet x (9) ¾" Outlets-Alt 180 H (priced per each)	\$266.14	*	65

Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
SK844K09H	2" Inlet x (10) ¾" Outlets-Alt 180 H (priced per each)	\$308.63	*	65
SK844K10H	2" Inlet x (11)¾" Outlets-Alt 180 H (priced per each)	\$364.59	*	65
SK844K11H	2" Inlet x (12) ¾" Outlets-Alt 180 H (priced per each)	\$414.89	*	65
SK855K07H	2" Inlet x (8) 1" Outlets-Alt 180 H (priced per each)	\$265.72	*	65
SK855K08H	2" Inlet x (9) 1" Outlets-Alt 180 H (priced per each)	\$309.11	*	65
SK855K09H	2" Inlet x (10) 1" Outlets-Alt 180 H (priced per each)	\$367.08	*	65
M232PA-INS	1¼" PVC Header x 2 Circuit ¾" - Angled (Insulated Pair)	\$486.42	*	66
M232PS-INS	1¼" PVC Header x 2 Circuit ¾" - Straight (Insulated Pair)	\$486.42	*	66
M332PA-INS	1¼" PVC Header x 3 Circuit ¾" - Angled (Insulated Pair)	\$687.58	*	66
M332PS-INS	1¼" PVC Header x 3 Circuit ¾" - Straight (Insulated Pair)	\$687.58	*	66
M432PA-INS	1¼" PVC Header x 4 Circuit ¾" - Angled (Insulated Pair)	\$889.17	*	66
M432PS-INS	1¼" PVC Header x 4 Circuit ¾" - Straight (Insulated Pair)	\$889.17	*	66
M532PA-INS	1¼" PVC Header x 5 Circuit ¾" - Angled (Insulated Pair)	\$1,090.75	*	66
M532PS-INS	1¼" PVC Header x 5 Circuit ¾" - Straight (Insulated Pair)	\$1,090.75	*	66
M632PA-INS	1¼" PVC Header x 6 Circuit ¾" - Angled (Insulated Pair)	\$1,292.33	*	66
M632PS-INS	1¼" PVC Header x 6 Circuit ¾" - Straight (Insulated Pair)	\$1,292.33	*	66
MPE232PS	1¼" HDPE Header x 2 Circuit ¾" Straight (Non-Insulated Pair)	\$539.01	*	67
MPE232PA	1¼" HDPE Header x 2 Circuit ¾" Angled (Non-Insulated Pair)	\$542.96	*	67
MPE332PS	1¼" HDPE Header x 3 Circuit ¾" Straight (Non-Insulated Pair)	\$804.08	*	67
MPE332PA	1¼" HDPE Header x 3 Circuit ¾" Angled (Non-Insulated Pair)	\$808.03	*	67
MPE432PS	1¼" HDPE Header x 4 Circuit ¾" Straight (Non-Insulated Pair)	\$1,069.14	*	67
MPE432PA	1¼" HDPE Header x 4 Circuit ¾" Angled (Non-Insulated Pair)	\$1,073.09	*	67
MPE532PS	1¼" HDPE Header x 5 Circuit ¾" Straight (Non-Insulated Pair)	\$1,334.21	*	67
MPE532PA	1¼" HDPE Header x 5 Circuit ¾" Angled (Non-Insulated Pair)	\$1,338.16	*	67
MPE632PS	1¼" HDPE Header x 6 Circuit ¾" Straight (Non-Insulated Pair)	\$1,599.24	*	67
MPE632PA	1¼" HDPE Header x 6 Circuit ¾" Angled (Non-Insulated Pair)	\$1,603.18	*	67
MPE732PS	1¼" HDPE Header x 7 Circuit ¾" Straight (Non-Insulated Pair)	\$1,961.01	*	67
MPE732PA	1¼" HDPE Header x 7 Circuit ¾" Angled (Non-Insulated Pair)	\$1,964.96	*	67
R63-46C-1K	¾" & 1¼" IPS Double & Chamfer/Depth Gauge Fusion Kit	\$2,931.98	†	69
R63-48C-1K	¾" through 2" IPS Double & Chamfer/Depth Gauge Fusion Kit	\$4,704.48	†	69
RT-1-H	R63 TFE (110V) Socket Fusion Tool - Double Only	\$992.12	†	70
RT-2-H	R125Q-TE (115V) Socket Fusion Tool - Multiple	Call For Price	†	70
BDFB1	B & D Fusion Tool Cover	\$177.63	*	70
DBUD	Ditch Buddy Fusion Tool Bag Holder w/ B&D Bag	\$242.46	*	70
New Item BDSF4	¾" IPS Socket Face	\$231.57	*	71
New Item BDSF5	1" IPS Socket Face	\$231.57	*	71
New Item BDSF6	1¼" IPS Socket Face	\$266.81	*	71
New Item BDSF7	1½" IPS Socket Face	\$266.81	*	71
New Item BDSF8	2" IPS Ritmo Socket Face	\$266.81	*	71
New Item BDCTDG4	¾" IPS Chamfer Tool/Depth Gauge	\$145.94	*	71
New Item BDCTDG5	1" IPS Chamfer Tool/Depth Gauge	\$169.26	*	71
New Item BDCTDG6	1¼" IPS Chamfer Tool/Depth Gauge	\$174.02	*	71
New Item BDCTDG7	1½" IPS Chamfer Tool/Depth Gauge	\$172.90	*	71
New Item BDCTDG8	2" IPS Chamfer Tool/Depth Gauge	\$183.60	*	71
New Item BDCR4	¾" B&D Cold Ring	\$188.89	*	72
New Item BDCR5	1" B&D Cold Ring	\$188.89	*	72
New Item BDCR6	1¼" B&D Cold Ring	\$203.36	*	72
New Item BDCR7	1½" B&D Cold Ring	\$203.36	*	72
New Item BDCR8	2" B&D Cold Ring	\$203.36	*	72
New Item BDCR-20MM	20mm B&D Cold Ring	\$188.98	*	72
New Item BDCR-25MM	25mm B&D Cold Ring	\$188.98	*	72
New Item BDCR-32MM	32mm B&D Cold Ring	\$188.98	*	72

New Item
New Item
New Item

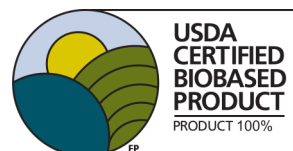
Part Number	Size Description	List Price	Freight Allowance	Catalog Page #
BDCR-40MM	40mm B&D Cold Ring	\$203.36	*	72
BDCR-50MM	50mm B&D Cold Ring	\$203.36	*	72
BDCR-63MM	63mm B&D Cold Ring	\$203.36	*	72
MSK-F-475	Tempstik 475°F	\$45.68	*	72
MSK-F-525	Tempstik 525°F	\$45.68	*	72
V00864	Digital Timer	\$16.57	*	72
TC2QP	¾" to 2" IPS Tubing Cutter for Plastic	\$330.37	*	73
T-RS2	Large Ratchet Shear (up to 2" IPS)	\$438.49		
CTBG8	Pipe Cutter (up to 1-3/8" IPS)	\$36.21	*	73
C2-RC	1¼" Pipe Cutter Ratchet	\$227.70	*	73
RAM160 B.F.1-4	RAM 14 Butt Fusion Machine (1" to 4") 110V	Call For Price		74
R77291461B	1" IPS Liners (RAM 14)	Call For Price		74
R77291721B	1¼" IPS Liners (RAM 14)	Call For Price		74
R77291811B	1½" IPS Liners (RAM 14)	Call For Price		74
R77292331B	2" IPS Liners (RAM 14)	Call For Price		74
R77292871B	3" IPS Liners (RAM 14)	Call For Price		74
R77293161B	4" IPS Liners (RAM 14)	Call For Price		74
RAM28 B.F.2-8	RAM 28 Butt Fusion (2" to 8" DIPS)110V 60HZ Single PH	Call For Price		75
R87292305	Inserts Diam 2" IPS (RAM 28)	Call For Price		75
R87292731	Inserts Diam 3" IPS (RAM 28)	Call For Price		75
R87293238	Inserts Diam 4" IPS (RAM 28)	Call For Price		75
R87294047	Inserts Diam 6" IPS (RAM 28)	Call For Price		75
R87294622	Inserts Diam 8" IPS (RAM 28)	Call For Price		75
RAM414 B.F. 4-14	RAM 414 Butt Fusion (4" to 14" DIPS)110V 60HZ Single PH	Call For Price		76
R87293354	4" IPS Liners (RAM 414)	Call For Price		76
R87294153	6" IPS Liners (RAM 414)	Call For Price		76
R87294643N	8" IPS Liners (RAM 414)	Call For Price		76
R87295382N	10" IPS Liners (RAM 414)	Call For Price		76
R87295803N	12" IPS Liners (RAM 414)	Call For Price		76
96906082	ELEKTRA Light Electrofusion 120V w/Scanner Gun	Call For Price	†	77
96906387	ELEKTRA 500 Electrofusion 120V w/Scanner Gun	Call For Price		78
96906388	ELEKTRA 500 Electrofusion 120V w/GPS	Call For Price		
96906407	ELEKTRA 1000 Electrofusion 230V w/Scanner Gun	Call For Price		78
RTC315	3" to 12" Universal Scraper	Call For Price		79
RTC160	2" to 6" Universal Scraper	Call For Price		79
12RAT2	6" to 24" Revolving Scraper	Call For Price		79
99890007	¾" Turbo Scraper	Call For Price	†	79
99890008	1" Turbo Scraper	Call For Price	†	79
99890009	1¼" Turbo Scraper	Call For Price	†	79
99890010	1½" Turbo Scraper	Call For Price	†	79
99890011	2" Turbo Scraper	Call For Price	†	79

HEAT TRANSFER FLUID OPTIONS



GLYCOCHILL+ P200FG

Part#	Product Name	Concentration	Volume (gal)
152505-060-0043	Glycochill+ P200 FG	100%	5
152505-121-0481	Glycochill+ P200 FG	100%	55
152505-146-2405	Glycochill+ P200 FG	100%	275



Description:

GlycoChill+ P200FG Food Grade Inhibited Propylene Glycol Heat Transfer Fluid is the food grade version of our popular GlycoChill+ 'P' series. It is specifically designed for use where incidental contact with food is possible.

GlycoChill+ P200FG is 100% USDA Certified Biobased product.

GlycoChill+ P200FG contains straight Propylene Glycol plus our corrosion inhibitor package to protect from corrosion of ferrous metals.

The propylene glycol, corrosion inhibitors, and dye used in this product are manufactured with ingredients classified as Generally Recognized as Safe (GRAS) by the FDA.



GLYCOCHILL+ P200HD

Part#	Product Name	Concentration	Volume (gal)
195006-060-0044	Glycochill+ P200 HD	100%	5
195006-080-0133	Glycochill+ P200 HD	100%	30
195006-101-0266	Glycochill+ P200 HD	100%	60
195006-121-0487	Glycochill+ P200 HD	100%	55
195006-146-2423	Glycochill+ P200 HD	100%	275



GlycoChill+ P200HD Inhibited Propylene Glycol Heat Transfer Fluid is the 100% concentrate version of our GlycoChill+ 'P-HD' series.

GlycoChill+ P200HD is 100% USDA Certified Biobased product.

GlycoChill+ P200HD contains 100% propylene glycol, plus corrosion inhibitors to protect systems from corrosion of both ferrous and nonferrous metals.



HEAT TRANSFER FLUID OPTIONS



EXOENDOSOL101®

Part#	Product Name	Concentration	Volume (gal)
196200-060-0034	Exo Endosol 101	100%	5
196200-123-0376	Exo Endosol 101	100%	55
196200-146-1882	Exo Endosol 101	100%	275

Exo Endosol™ 101 is a premium ethanol-based geothermal fluid, with both excellent heat transfer characteristics and a long life expectancy.

It contains straight denatured Ethyl Alcohol (Ethanol), plus corrosion inhibitors.



EXOENDOSOL201®

Part#	Product Name	Concentration	Volume (gal)
196201-060-0040	Exo Endosol 201	25%	5
196201-123-0445	Exo Endosol 201	25%	55
196201-146-2225	Exo Endosol 201	25%	275

Exo Endosol™ 201 is a dilute version of our premium ethanol-based geothermal fluid Exo Endosol 101, with both excellent heat transfer characteristics and a long life expectancy.

It contains approximately 25% Ethyl Alcohol (Ethanol), plus corrosion inhibitors.



EXOENDOSOL250®

Part#	Product Name	Concentration	Volume (gal)
196213-123-0428	Exo Endosol 250	50%	55
196213-146-2140	Exo Endosol 250	50%	275

Exo Endosol™ 250 is a dilute version of our premium ethanol-based geothermal fluid Exo Endosol 101, with both excellent heat transfer characteristics and a long life expectancy.

It contains approximately 50% Ethyl Alcohol (Ethanol), plus corrosion inhibitors.



NOTE: Ethanol is a non-toxic alcohol geothermal fluid, making it an attractive alternative to Methanol (GeoChill+ Methanol-Based Geothermal Fluid). It also has several key benefits over Glycols— less maintenance, more economical price point, and less viscosity in cold temperatures.



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