



SECTION 1

PUMP & WELL

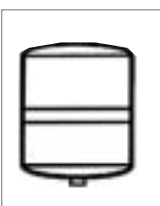


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Pump Tanks - Sourceline™



INLINE MODELS

- Appliance Gray finish
- Maximum working temperature: 200 °F.
- Maximum working pressure: 100 PSIG

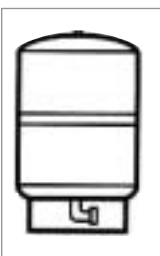


ANSI/NSF 61



Part Number	Dimensions (ins)		Total Volume (gal)	Max Accept Factor	Drawdown (gal)			Shipping Wt (Vol) lbs (cu ft)	Pallet Qty	System Conn. NPTM	Precharge Pressure (psig)	List Price
	Dia	Height			20/40	30/50	40/60					
SL2I	8	12 5/8	2.0	0.45	0.8	0.7	0.6	5 (0.6)	75	3/4"	20	\$ 92.90
SL4I	11	15	4.4	0.55	1.8	1.5	1.3	9 (1.2)	48	3/4"	20	127.10
SL8I	11	22 13/16	7.6	0.37	3.1	2.6	2.2	15 (2.0)	32	3/4"	30	206.40
SL10I	15 3/8	17 3/4	10.3	1.00	4.1	3.5	3.0	20 (2.6)	18	1"*	38	230.80
SL14I	15 3/8	22	14.0	0.81	5.6	4.8	4.1	22 (3.3)	18	1"*	38	245.50

* NPTF connection.



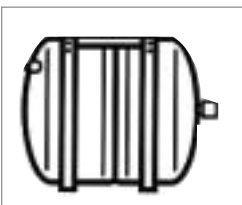
VERTICAL STAND MODELS

- Appliance Gray finish
- Malleable elbow system connection.
- Maximum working temperature: 200 °F.



ANSI/NSF 61

Part Number	Dimensions (ins)		Total Volume (gal)	Max Accept Factor	Drawdown (gal)			Shipping Wt (Vol) lbs (cu ft)	Pallet Qty	System Conn. NPTF	Precharge Pressure (PSIG)	Max WP (PSIG)	List Price
	Dia	Height			20/40	30/50	40/60						
SL10V	15 3/8	19 1/4	10.3	1.00	4.1	3.5	3.0	23 (3.0)	18	1"	38	100	\$ 301.70
SL14V	15 3/8	23 7/8	14.0	0.81	5.6	4.8	4.1	25 (3.8)	18	1"	38	100	301.70
SL20V	15 3/8	31 5/8	20.0	0.57	8.0	6.8	5.9	33 (4.9)	18	1"	38	100	260.10
SL32V	15 3/8	45	32.0	0.35	-	10.9	9.4	43 (7.0)	9	1"	38	100	444.50
SL34V	22	29 5/8	34.0	1.00	13.7	11.6	10.0	61 (9.5)	4	1 1/4"	38	100	487.30
SL44V	22	36	44.0	0.77	17.7	15.0	13.0	69 (11.0)	4	1 1/4"	38	125	563.10
SL62V	22	46 3/4	62.0	0.55	24.9	21.1	18.3	92 (13.9)	4	1 1/4"	38	125	665.60
SL86VT	22	62 1/4	86.0	0.39	34.6	29.2	25.4	114 (18.1)	4	1 1/4"	38	100	856.60
SL86VS	26	47 1/4	86.0	0.54	34.6	29.2	25.4	123 (18.9)	4	1 1/4"	38	125	790.10
SL119V	26	61 7/8	119.0	0.39	47.8	40.5	35.1	166 (24.5)	4	1 1/4"	38	125	1125.80



HORIZONTAL PUMP STAND MODELS

- Appliance Gray finish
- Maximum working temperature: 200 °F.
- Maximum working pressure: 100 PSIG



ANSI/NSF 61

Part Number	Dimensions (ins)			Total Volume (gal)	Max Accept Factor	Drawdown (gal)			Shipping Wt (Vol) lbs (cu ft)	Pallet Qty	System Conn. NPTM	Precharge Pressure (psig)	List Price
	H	W	L			20/40	30/50	40/60					
SL5H	11	10 1/2	18 1/4	5.3	0.80	2.1	1.8	1.6	13 (1.5)	72	3/4"	20	\$ 178.30
SL14H	16	15 3/8	20 7/8	14.0	0.81	5.6	4.8	4.1	29 (4.0)	18	1"	38	310.20



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6/04 V2

Pump Tanks - Sourceline™



Pre-Pressurized Water System Tanks Cross Reference

() represents total volume (gals.)

SOURCELINE™ Characteristics

- Brazed-in airtight valve
- Durable steel tank with appliance-like finish
- Pre-pressurized, sealed-in air chamber
- Butyl/EPDM diaphragm isolates water from air
- Separate polypropylene liner
- 100% non-metallic reservoir
- Water-tight, silver-brazed system connection
- 100 PSIG maximum working pressure
- NSF Standard 61 listed

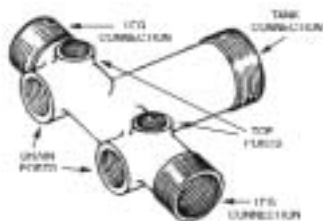
SOURCELINE™ Facts

- Seamless liner
- Diaphragm never creases like bladder tank designs
- No bubbles or corners to trap sediment
- Does not promote bacteria growth
- 5 year limited warranty

AGI Sourcline	Flexcon Challenger	Flexcon Well-Rite	AO Smith Goulds	Sta-Rite Pro-Source	State PermaAir	Elbi Top Pro	Wessels	Str. Fibers Well Mate	Amtrol Well-X-Trol	Amtrol Wel-Flo	Amtrol Champion	Amtrol ProLine
SL2I(2)	JR6(2.1)	JR6(2.1)	V6P(2)		PIL-2(2)	D-8(2.1)	FX8(2.1)		WX101(2)			
SL4I(4.4)	JR15(4.5)	JR15(4.5)	V15P(4.5)		PIL-5(4.6)	D-18(5)	FX19(5)	WM-2(3.6)	WX102(4.4)			
SL5H(5.3)	JR44HS(5.2)	JR44HS(5.2)		PS15H-S05(6)			FX20H(5.3)		WX105PS(5.3)			
	JR20(6.0)	JR20(6.0)		PS15-S02(6)		D-25(6.5)						
SL8I(7.6)	JR25(8.5)	JR25(8.5)	V25P(8.2)		PIL-7(7.3)				WX103(7.6)			
SL10I(10.3)						D-35(9)			WX104(10.3)			
SL14I(14)					PIL-14(14)				WX200(14)			
SL14V(14)	PC44(14)	WR45(14)	V45P(13.9)	PS30-T01(14)	PAD-14(14)	DV-50(13.5)	FX60V(16)	WM-4(14.5)	WX201(14)			
SL20V(20)	PC66(20)	WR60(20)	V60(19.9)	PS42T-T02(19)	PAD-20(20)	DV-80(21)	FX80V(21)	WM-6(19.8)	WX202(20)	WF60(20)	CH4202(20)	CA4202(20)
	PC88(26)	WR80(26)				DV-100(27)	FX100V(26)					
SL32V(32)	PC111(32)	WR100(32)	V100(31.8)	PS75T-T03(32)				WM-9(29.5)	WX203(32)	WF100(32)	CH8003(32)	CA8003(32)
SL34V(34)	PC122(33.4)	WR120(33.4)		PS82T-T05(35)	PAD-36S(36)				WX205(34)	WF110(34)	CH8205(34)	CA8205(34)
SL44V(44)	PC144(44)	WR140(44)	V140(45.2)			DV-150(40)		WM-12(40.3)	WX250(44)	WF140(44)	CH10050(44)	CA10050(44)
				PS120-T50(50)	PAD-52(52)		FX200V(52)					
SL62V(62)	PC211(62)	WR200(62)	V200(65.1)	PS200-T51(62)		DV-200(53)		WM-20WB(60)	WX251(62)	WF200(62)	CH12051(62)	CA12051(62)
SL86VT(86)	PC244(81)	WR240(81)	V260(84.9)		PAD-86(86)				WX252(86)	WF252(86)	CH252(86)	CA17252(86)
SL86VS(86)	PC266(85)	WR260(85)	V250(83.5)	PS220-T52(85)		DV-300(80)	FX300V(80)	WM-25WB(86.7)	WX302(86)	WF260(86)	CH17002(86)	CA17002(86)
					PAD-96(96)							
SL119V(119)	PC366(119)	WR360(119)	V350(115.9)		PAD-119(119.5)	DV-450(119)		WM-35WB(119.7)	WX350(119)	WF360(119)	CH22050(119)	CA22050(119)
						DV-500(132)	FX500V(132)					



Tank Crosses - Short Cast



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.
- Prices are for bulk packaged tank crosses.
- For individually boxed crosses, remove "C" prefix and add \$.40 to list price.



Short Cast Crosses with 1 drain and 2 or 3 top ports.

* Do not use teflon tape with PVC tank cross applications.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CCAT100B	4 1/4"	1" x 3/4"	1" x 3/4"	1/2" (1)	1/4" (2), 1/2" (1)	Bronze	Import	40	\$ 18.68
CHC125B	4 1/4"	1 1/4" x 1"	1" x 3/4"	1/2" (1)	1/4" (3)	Bronze	USA	12	28.09
CHC125BL	4 1/4"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2)	Bronze	USA	24	28.08
CHC12550BS	4 1/2"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2)	Brass	Import	40	15.32
CIC701B	3 3/4"	1 1/4" x 1"	1 1/4" x 1"	3/4" (1)	1/4" (3)	Bronze	USA	12	30.96
CIC701BS	4 1/2"	1 1/4" x 1"	1 1/4" x 1"	3/4" (1)	1/4" (2)	Brass	Import	32	15.82
CIC125B	4 1/4"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2), 1/2" (1)	Bronze	Import	40	21.93
CIC125	4 1/4"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2), 1/2" (1)	PVC*	USA	100	14.31



Short Cast Crosses with 2 drain and 2 top ports.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CICS100B	4 3/4"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze	USA	24	\$ 27.70
CICS100BS	4 1/2"	1" x 3/4"	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	40	14.14
CIC3125B	5"	1 1/4" x 1"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Bronze	USA	24	34.21
CIC3125BS	4 1/2"	1 1/4" x 1"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Brass	Import	32	16.36
CIC71250BS	4 1/2"	1 1/4" x 1"	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	40	15.43
CIC712B	4"	1 1/4" x 1"	1" x 3/4"	3/4" (2)	1/4" (2)	Bronze	USA	12	30.00



Short Cast Crosses with Union Disconnect with Teflon gasket seal

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CICS100BSU	5 1/2"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	24	\$ 22.86
CICS125BSU	5 1/2"	1 1/4" x 1"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Brass	Import	24	32.21



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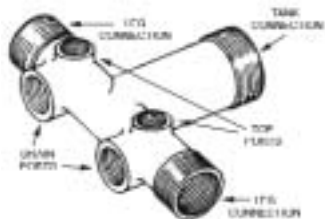
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Tank Crosses - Short Cast



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.
- Prices are for bulk packaged tank crosses.
- For individually boxed crosses, remove "C" prefix and add \$.40 to list price.



Short cast crosses for use with Structural Fibers, WellMate Series

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CWM100BS	4 1/2"	1" (FIP)	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	40	\$ 14.39
CWM125BS	4 3/4"	1 1/4" (FIP)	1 1/4" x 1"	3/4" (2)	1/4" (2)	Brass	Import	32	19.46



Short cast crosses for use with Flexcon Well-Rite, Online Series

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CFC100BS	4 1/2"	1" Union Th.	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	40	\$ 17.11
CFC125BS	4 1/2"	1 1/4" Union Th.	1 1/4" x 1"	3/4" (2)	1/4" (2)	Brass	Import	30	24.46



Short cast cross heads and end fittings with 1 or 2 drain and 2 top ports

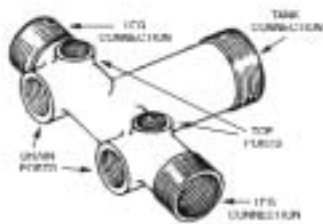
Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100BSSWT *	2 1/2"	1" sweat	1" x 3/4"	1/2" (1)	1/4" (2)	Brass	Import	48	\$13.50
CH125BSSWT **	3"	1 1/4" sweat	1 1/4" x 1"	3/4" (1)	1/4" (2)	Brass	Import	32	16.04
CIC100BSSWT *	2 1/2"	1" sweat	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	48	13.50
CIC125BSSWT **	3"	1 1/4" sweat	1 1/4" x 1"	3/4" (2)	1/4" (2)	Brass	Import	32	17.25

* Includes sweat x 1" MIP end fitting.

** Includes sweat x 1 1/4" MIP end fitting.



Tank Crosses - Short Cast, Fabricated



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.
- Prices are for bulk packaged tank crosses.
- For individually boxed crosses, remove "C" prefix and add \$.40 to list price.



TM75BS

TM100BS, TM125BS

Compact cast crosses with one drain, two top ports

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
TM75BS	2 1/2"	3/4" (FIP)	1" (FIP)	1/2" (1)	1/4" (2)	Brass	Import	50	\$ 9.29
TM100BS	2 1/2"	1" (FIP)	1" (FIP)	1/2" (1)	1/4" (2)	Brass	Import	50	9.46
TM125BS	3"	1 1/4" (FIP)	1 1/4" (FIP)	3/4" (1)	1/4" (2)	Brass	Import	50	12.39



Short fabricated compact cast crosses

- Shipped unassembled.
- TM100BF supplied with 1/4" x 3" and 1" x 3" brass nipples
- TM125BSF supplied with 1/4" x 3" and 1 1/4" x 3" brass nipples.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
TM100BSF	5"	1" (MIP)	1" (MIP)	1/2" (1)	1/4" (2)	Brass	Import	30	\$ 22.75
TM125BSF	5"	1 1/4" (MIP)	1 1/4" (MIP)	3/4" (1)	1/4" (2)	Brass	Import	30	29.47



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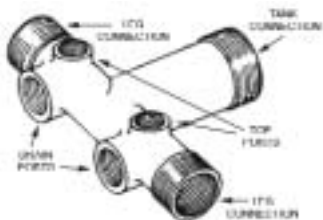
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Tank Crosses - Short Cast



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.
- Prices are for bulk packaged tank crosses.
- For individually boxed crosses, remove "C" prefix and add \$.40 to list price.



Short cast galvanized crosses with one drain, two top ports

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
HC100G	3 3/4"	1" (FIP)	1" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	48	\$ 9.82
HC125G	3 3/4"	1 1/4" (FIP)	1 1/4" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	24	13.75

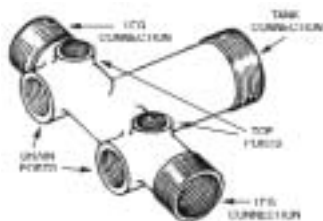


Short cast galvanized crosses with one drain, two top ports

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC100G	3"	1" (FIP)	1" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	48	\$ 11.68
IC125G	3 1/2"	1 1/4" (FIP)	1 1/4" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	24	14.80



Tank Crosses - Long Cast



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.
- Prices are for bulk packaged tank crosses.
- For individually boxed crosses, remove "C" prefix and add \$.40 to list price.



Long Cast Tank Crosses with 1 drain and 2 top ports.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100B	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	Bronze	USA	24	\$ 34.05
CHC100BS	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	Brass	Import	24	21.57



Long Cast Tank Crosses with 2 drain and 2 top ports.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC100B	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze	USA	24	\$ 34.36
CIC100BS	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	24	21.57
CIC100BS14	14"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Brass	Import	20	25.54
CIC125BS14	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Brass	Import	15	38.57



Long Cast Tank Crosses with union disconnect, 1 drain and 2 top ports.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100BU	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	Bronze	Import	20	\$ 31.32
CHC125BU14	14"	1 1/4"	1 1/4" x 1"	3/4" (1)	1/4" (2)	Bronze	Import	12	52.00



Long Cast Tank Crosses with union disconnect, 2 drain and 2 top ports.

* Formerly part number CIC125B13U

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC100BU	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze	Import	20	\$ 31.32
CIC100BU14	14"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze	Import	20	37.32
CIC125BU14*	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Bronze	Import	12	51.36



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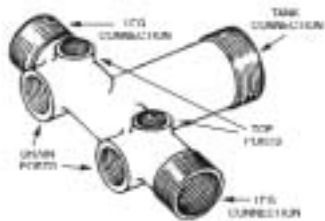
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6/04

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Tank Crosses - Long, Fabricated



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.
- Prices are for bulk packaged tank crosses.
- For individually boxed crosses, remove "C" prefix and add \$.40 to list price.



Long Fabricated Tank Crosses with 1 drain and 2 top taps.

- Crosses fabricated with 96.5% tin, 3.5% lead free solder.

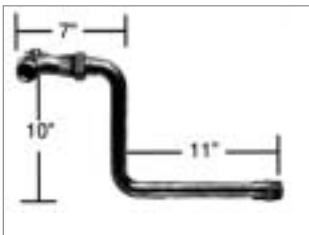
Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100BF	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	Bronze/Copper	USA	24	\$ 35.92
CHC100BF13	13"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	Bronze/Copper	USA	24	40.32
CHC125BF	14"	1 1/4"	1 1/4" x 1"	3/4" (1)	1/4" (2)	Bronze/Copper	USA	12	44.72
CHC125BF16	16"	1 1/4"	1 1/4" x 1"	3/4" (1)	1/4" (2)	Bronze/Copper	USA	6	47.39



Long Fabricated Tank Crosses with 2 drain and 2 top taps.

- Crosses fabricated with 96.5% tin, 3.5% lead free solder.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC100BF	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze/Copper	USA	24	\$ 35.35
CIC100BF13	13"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze/Copper	USA	12	39.74
CIC125BF	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Bronze/Copper	USA	12	46.05
CIC125BF16	16"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Bronze/Copper	USA	6	48.34



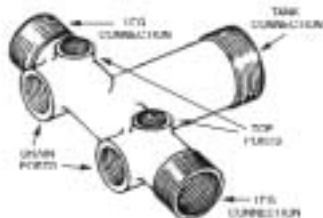
Long Fabricated Elevated Tank Crosses with union disconnect.

- Crosses fabricated with 96.5% tin, 3.5% lead free solder.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC740BF	18"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	Bronze/Copper	USA	9	\$ 87.22
CIC741BF	18"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	Bronze/Copper	USA	6	136.75



Tank Crosses - Long, Fabricated



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Cast bronze, brass, injected molded PVC, galvanized ductile iron.



Long Fabricated PVC Tank Cross

- Shipped unassembled with 1 x 10 Sch 80 PVC nipple.
- * Do not use teflon tape with PVC tank cross applications.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC100F	14"	1"	1" x 3/4"	3/4" (1)	1/4" (2), 1/2" (1)	PVC*	USA	12	\$ 19.08



Long Galvanized Tank Cross

- Shipped unassembled.
- HC100GF supplied with 1x8 and 1/4x3 galvanized nipples.
- HC125GF & 125/100GF supplied with 1 1/4"x11" & 1/4"x3" galvanized nipples.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
HC100GF	11 1/2"	1" (MIP)	1" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	12	18.75
HC125GF	14 1/2"	1 1/4" (MIP)	1 1/4" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	12	25.62



Long Galvanized Tank Cross

- Shipped unassembled.
- IC100GF supplied with 1x8 and 1/4x3 galvanized nipples.
- IC125GF supplied with 1 1/4"x11" & 1/4"x3" galvanized nipples.

Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC100GF	10 3/4"	1" (MIP)	1" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	12	21.64
IC125GF	14 1/4"	1 1/4" (MIP)	1 1/4" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	12	25.62

Cast Bronze Constant Pressure System Manifold



Cast Bronze Constant Pressure System Manifold

Features:

- Manifold design eliminates the need for extra tees, fittings and nipples required to install constant pressure pump systems.
- Easy to install, economical all bronze manifold.
- Five ports allow installation for all needed plumbing accessories.
- Each manifold is supplied with one 3/4" x 1/4" bronze bushing for installations using 1/4" mpt transducers.

Part Number	Overall Length	Line Conn.	Tank Conn.	Transducer Port	Drain Ports	Gauge Port	Material	USA or Import	Ctn Qty	List Price
CPSM125BB	13 5/8"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	Cast Bronze	Import	20	\$ 56.97

Cast Bronze Constant Pressure System Manifold Installation Package

Part Number	Cross Included	Material	Length	List Price
IPCPSM125BB	CPSM125BB	Cast Bronze	13 5/8"	\$ 71.25
• CPSM125BB	11/4" Cast Bronze Constant Pressure System Manifold w/ BB3/4x1/4 Bronze Bushing			
• IPG1002-4B	100lb Steel Case Pressure Gauge, 1/4" back mount			
• IRV75-100	3/4" Relief Valve (100psi preset)			
• THBB75	3/4" Brass 1/4 turn hose bibb			



Tank Installation Packages - 1" Bottom Discharge



Part Number	Cross Included	Material	Length	List Price
TP100BS	CHC100BS	Cast brass	11"	\$ 67.87
TP100B	CHC100B	Cast bronze	11"	\$ 74.04
TP100BF	CHC100BF	Fab. bronze	11"	\$ 70.57
• see above 1"x11" Long Brass or Bronze Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4x3 Brass Nipple. • IPG1002-4L 0-100lb. Steel Case Pressure Gauge.				



Part Number	Cross Included	Material	Length	List Price
IP100BSR	CIC100BS	Cast brass	11"	\$ 79.36
IP100BSR14	CIC100BS14	Cast Brass	14"	\$ 82.95
IP100BR	CIC100B	Cast bronze	11"	\$ 87.77
IP100BFR	CIC100BF	Fab. bronze	11"	\$ 87.83
IP100BF13R	CIC100BF13	Fab. bronze	13"	\$ 89.18
• see above 1" Long Brass or Bronze Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4x3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • RV50* 1/2" Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				

* IRV50 with IP100BSR, IP100BSR14



Part Number	Cross Included	Material	Length	List Price
IP100BRU	CIC100BU	Cast bronze	11"	\$ 89.83
IP100BRU14	CIC100BU14	Cast bronze	14"	\$ 93.89
• see above 1" Long Bronze Safety Tank Cross with union • 9013FSG2 30/50 Pressure Switch. • B80-1/4x3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • IRV50 1/2" Imported Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
TP100GF	HC100GF	Fab Galvanized	11 1/2"	\$ 61.22
• HC100G 1" Galvanized Tank Cross. • GS80-1/4x3 Galvanized Steel Nipple. • GS80-1x8 Galvanized Steel Nipple. • 9013FSG2 30/50 Pressure Switch. • IPG1002-4L 100 lb. Steel Case Pressure Gauge. • HNKD50 1/2" No Kink Boiler Drain.				

OPTIONS: Add suffix letter to end of part number.

SUFFIX

PRODUCT SUBSTITUTION

LIST ADDER

L

9013FSG2M4 30/50 Low Pressure Cutoff Switch. \$ 10.34

Special order custom fitting packages are available. Contact your representative or customer service for quotation.

Tank Installation Packages - 1" Bottom Discharge



Part Number	Cross Included	Material	Length	List Price
TP100PF	IC100F	Fab. PVC	14"	\$ 60.77
• IC100F 1" x 14" Long PVC Fabricated Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • 1/4x3 PVC Schedule 80 Nipple. • 450-005 PVC Schedule 40 Threaded Plug. • IPG1002-4L 0-100lb. Steel Case Pressure Gauge. • Do not use teflon tape with PVC tank cross applications.				



Part Number	Cross Included	Material	Length	List Price
IP100PFR	IC100F	Fab. PVC	14"	\$ 66.07
• IC100F 1"x14" Long PVC Fabricated Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • 1/4 x 3 PVC Schedule 80 Nipple. • IPG1002-4L 100lb.Steel Case Pressure Gauge. • RV50 1/2" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain. • Do not use teflon tape with PVC tank cross applications.				



Tank Installation Packages - 1 1/4" Bottom Discharge



Part Number	Cross Included	Material	Length	List Price
TP125BF	CHC125BF	Fab. bronze	14"	\$ 89.99
TP125BF16	CHC125BF16	Fab. bronze	16"	\$ 93.85
• See above 1 1/4" Long Bronze Fabricated Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb. Steel Case Pressure Gauge.				



Part Number	Cross Included	Material	Length	List Price
IP125BFR7	CIC125BF	Fab. bronze	14"	\$ 101.27
IP125BF16R7	CIC125BF16	Fab. bronze	16"	\$ 104.77
• See above 1 1/4" Long Bronze Fabricated Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb. Steel Case Pressure Gauge. • RV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IP125BS14	CIC125BS14	Cast bronze	14"	\$ 100.29
• See above 1 1/4" Long Bronze Tank Cross • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb. Steel Case Pressure Gauge. • IRV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IP125BRU14	CIC125BU14	Cast bronze	14"	\$ 105.29
• See above 1 1/4" Long Bronze Tank Cross with union • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb. Steel Case Pressure Gauge. • IRV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				

Formerly part number IP125BR13U

Tank Installation Packages - 1" Side Discharge



Part Number	Cross Included	Material	Length	List Price
TP100BR	CCAT100B	Cast bronze	4 1/4"	\$ 84.09
• CCAT100B 1" Bronze Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • RV50 1/2" Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IPS100BS	CICS100BS	Cast brass	4 1/2"	\$ 71.32
TP100SBR	CICS100B	Cast bronze	4 3/4"	\$ 86.04
• see above 1" Brass or Bronze Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 0-100lb Steel Case Pressure Gauge. • RV50 * 1/2" Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				

* IRV50 with IPS100BS



Part Number	Cross Included	Material	Length	List Price
IPWM100BS	CWM100BS	Cast brass	4 1/2"	\$ 72.44
• see above 1" Brass Tank Cross for WELLMATE tanks • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 0-100lb Steel Case Pressure Gauge. • IRV50 1/2" Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IPFC100BS	CFC100BS	Cast brass	4 1/2"	\$ 74.36
• see above 1" Brass Tank Cross for FLEXCON "Online" Series tanks • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 0-100lb Steel Case Pressure Gauge. • IRV50 1/2" Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				

OPTIONS: Add suffix letter to end of part number.

<u>SUFFIX</u>	<u>PRODUCT SUBSTITUTION</u>	<u>LIST ADDER</u>
L	9013FSG2M4 30/50 Low Pressure Cutoff Switch.	\$ 10.34

Special order custom fitting packages are available. Contact your representative or customer service for quotation.



Tank Installation Packages - 1" & 1 1/4" Side Discharge



Part Number	Cross Included	Material	Length	List Price
IPS100BSU	CICS100BSU	Cast brass	5 1/2"	\$ 82.09
• CICS100BSU 1" Brass Tank Cross with union • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • IRV50 1/2" Relief Valve. • HNKD50 1/2" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IP125BR	CIC125B	Cast bronze	4 1/4"	\$ 85.53
• CIC125B 1 1/4" Bronze Safety Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • RV50 1/2" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IP3125BS	CIC3125BS	Cast brass	4 1/2"	\$ 78.86
IP3125B	CIC3125B	Cast bronze	5"	\$ 89.63
• see above 1 1/4" Brass or Bronze Safety Tank Cross • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • RV75 * 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				

* IRV75 with IP3125BS



Part Number	Cross Included	Material	Length	List Price
IP712B	CIC712B	Cast bronze	4"	\$ 91.61
• CIC712B 1 1/4"x 1" Bronze Safety Tank Cross • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • RV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				

OPTIONS: Add suffix letter to end of part number.

<u>SUFFIX</u>	<u>PRODUCT SUBSTITUTION</u>	<u>LIST ADDER</u>
L	9013FSG2M4 30/50 Low Pressure Cutoff Switch.	\$ 10.34

Special order custom fitting packages are available. Contact your representative or customer service for quotation.

Tank Installation Packages - 1 1/4" Side Discharge



Part Number	Cross Included	Material	Length	List Price
IPWM125BS	CWM125BS	Cast brass	4 3/4"	\$ 80.25
• CWM125BS 1 1/4" Brass Cross for WELLMATE Series tanks • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • IRV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IPFC125BS	CFC125BS	Cast brass	4 1/2"	\$ 80.75
• CFC125BS 1 1/4" Brass Cross for FLEXCON "Online" Series tanks • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • IRV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IPS125BSU	CIC125BSU	Cast brass	5 1/2"	\$ 91.43
• CIC125BSU 1 1/4" Brass Cross with union • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • IRV75 3/4" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain.				



Part Number	Cross Included	Material	Length	List Price
IP125PR	CIC125	PVC	4 1/4"	\$ 67.17
• CIC125 1-1/4" PVC Safety Cross. • 9013FSG2 30/50 Pressure Switch. • 1/4 x 3 Schedule 80 PVC Nipple. • IPG1002-4L 100lb Steel Case Pressure Gauge. • RV50 1/2" Relief Valve. • HNKD75 3/4" No Kink Boiler Drain. • Do not use teflon tape with PVC tank cross applications.				

OPTIONS: Add suffix letter to end of part number.

SUFFIX PRODUCT SUBSTITUTION LIST ADDER

L 9013FSG2M4 30/50 Low Pressure Cutoff Switch. \$ 10.34

Special order custom fitting packages are available. Contact your representative or customer service for quotation.



Tank Installation Packages - Accessory Options

- All American Granby Inc. tank installation packages are supplied unassembled, providing the opportunity to combine any of the listed package items or the options on this page.
- When assembling the components, use a quality thread sealant or teflon tape. Use a non-teflon based thread sealant, when assembling plastic to plastic or plastic to metal connections.
- Add any option on this page or in the catalog by calling your AGI sales representative or customer service for a quotation.

Switches



Square D Pressure Switch
9013FSG2 20/40
9013FSG2 40/60



Square D Low Pressure Cut-off Switch
9013FSG2M4 20/40
9013FSG2M4 30/50
9013FSG2M4 40/60

Check Valves



Clayton Mark Check Valve
6300-1 1"
6300-11/4 1 1/4"



Simmons Lead Free Check Valve
LF5100-1 1"
LF5100-11/4 1 1/4"



Imported Check Valve
CV100BS 1"
CV125BS 1 1/4"

Fittings



Cast Bronze Male Adapter
RBMA1
RBMA11/4



Cast Bronze Male Adapter
RRBMA1



Extra Long Cast Bronze Male Adapter
XLRBMA1
XLRBMA11/4



Cast Bronze Union Male Adapter
RBMUA1
RBMUA11/4



Cast Bronze Female Adapter
RBFA1
RBFA11/4



Threaded Bronze Street Elbow
B90SL3/4
B90SL1

Valves



Forged Brass Ball Valve
600 psi
RFBF6-75T 3/4"
RFBV6-100T 1"



Forged Brass Gate Valve
GV200-75T 3/4"
GV200-100T 1"

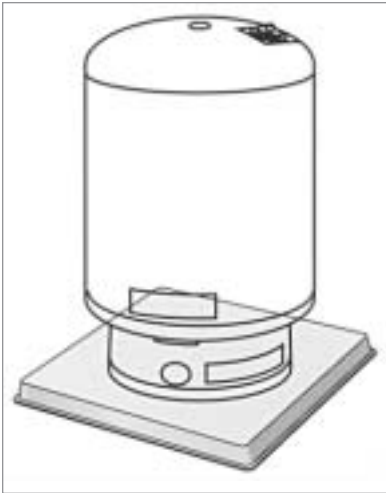
Assembly Material



Non-teflon Thread Sealant
80725 2 oz.
80724 7 oz.



Teflon Tape
HTST260-1/2 1/2" x 260"
HTST520-1/2 1/2" x 520"

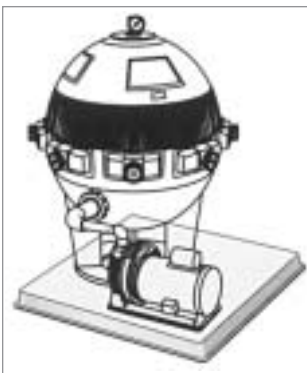


HEF-T-PAD™ Features:

- Injection molded from high impact polyolefin for strength and durability.
- Resistant to impact, UV degradation and weathering.
- Will not crack, flake or warp.
- Virtually impervious to climate changes.
- Drillable, permits installation of refrigerant and electrical lines under and through pad. Also permits equipment to be easily secured to pad.
- Unique, non-creep surface absorbs vibration and noise and keeps equipment in it's original position.
- Gray



Underside of Hef-T-Pad showing support ribs, stabilization pads and stabilization flange.



Part Number	Size	Skid Qty	List Price
2" HEF-T-PADS			
X2424211	24" x 24" x 2" one piece	24	\$28.22
X2430211	24" x 30" x 2" one piece	24	36.56
X2436211	24" x 36" x 2" one piece	24	44.98
X3232211	32" x 32" x 2" one piece	24	46.13
X3244211	32" x 44" x 2" one piece	24	60.28
X3830211	38" x 30" x 2" one piece	24	48.73
X3836211	38" x 36" x 2" one piece	24	62.07
X3842211	38" x 42" x 2" one piece	24	75.56
X3860201	38" x 60" x 2" modular	24	115.92
3" HEF-T-PADS			
X2424311	24" x 24" x 3" one piece	16	34.60
X2436311	24" x 36" x 3" one piece	16	55.31
X3030311	30" x 30" x 3" one piece	16	45.84
X3232311	32" x 32" x 3" one piece	16	52.41
X3244311	32" x 44" x 3" one piece	16	73.69
X3636311	36" x 36" x 3" one piece	16	73.04
X3848311	38" x 48" x 3" one piece	16	93.28
X5055301	50" x 55" x 3" modular	16	166.86
X2600311	26" diameter round x 3" one piece	16	33.29
X3600311	36" diameter round x 3" one piece	16	69.28



Pressure Relief Valves



RV Series



IRV Series

ISO 9001



HRV Series

RV and IRV Series Relief Valve Features:

- Heavy duty bronze or brass for shallow, deep well and submersible pumps.
- Spring loaded and pre-set under pressure, NOT ADJUSTABLE.
- 1/2" or 3/4" (IRV7575) discharge.
- RV Series are manufactured for AGI in an ISO 9001 facility.
- IRV series imported.

Hamilton Adjustable Safety Relief Valve Features:

- Preset at 75 P.S.I.
- Concealed adjusting screw to prevent tampering.
- Brass-heavy duty.
- Full-flow design.
- Buna-N seats.
- NOTE: These valves are vented to atmosphere and should be used cautiously with dangerous liquids and gases.

Part Number	Size	Pressure Setting	Ctn Qty	List Price
Bronze Relief Valves - Domestic				
RV50	1/2"x 1/2"	Set at 75 PSI	50	\$ 11.28
RV75	3/4"x 1/2"	Set at 75 PSI	50	12.45
RV50-100	1/2" x 1/2"	Set at 100 PSI	50	11.28
RV75-100	3/4" x 1/2"	Set at 100 PSI	50	12.45
Brass Relief Valves - Imported				
IRV50	1/2"x 1/2"	Set at 75 PSI	10	5.89
IRV75	3/4"x 1/2"	Set at 75 PSI	10	6.39
IRV7575	3/4"x 3/4"	Set at 75 PSI	10	6.75
IRV50-100	1/2" x 1/2"	Set at 100 psi	10	5.89
IRV75-100	3/4" x 1/2"	Set at 100 psi	10	6.39
IRV7575-100	3/4" x 3/4"	Set at 100 psi	10	6.75
Hamilton Brass Adjustable Safety Relief Valves Set at Adjustable to				
HRV50	1/2" MIPT X 1/2" FIPT	75 PSI 150 PSI	1	40.44
HRV75	3/4" MIPT X 3/4" FIPT	75 PSI 100 PSI	1	50.63
HRV175	1" MIPT X 3/4" FIPT	75 PSI 200 PSI	1	96.12
NOTE: sold at preset only				

NOTE: Relief valves on this page are not for use with hot water heaters. Recommended for cold water system installations only.

FLOW RATES							
PSI	85	90	95	100	105	110	115
RV Series gpm	.30	7.3	7.7	9.8	17.9	18.9	20.6
IRV Series gpm	2.0	2.7	3.8	4.7	7.0	12.0	12.7

Installation Accessories - Tank



TL3

Tank Legs Features:

- Elevates tank above floor and out of condensation pools.
- Leveled on uneven floors without the use of tools.
- Custom molded from high strength ABS.



PMB1

Pump Mounting Bracket Features:

- Elevates pump out of corrosive atmosphere.
- Heavy duty 12 gauge cold rolled steel with gray enamel coating.
- Plastic protectors on the pump stand legs prevent scratching of the tank.
- Supplied with 1", 1 1/4" zinc plated steel screws and steel adapter for larger tanks.
- Fits all pumps and comes individually cartoned.



SN18L, SN18, SN25L, SN25

Air Valve Features:

- Used for reciprocating and submersible pumps to admit air to system.
- Used for charging applications and many other uses.
- Available in long and short patterns.



PTG1002

Pressure Test Gauge Features:

- 0-100 psi, 2" plastic lens.
- Brass test fitting with pressure release button.
- Heavy rubber boot to protect gauge from damage.

Part Number	Size	Pressure Setting/Description	Ctn Qty	List Price
Tank Legs				
TL3		(3/Package), ABS	48	\$ 2.95
Pump Mounting Brackets				
PMB1		Gray	12	18.49
Air Valves				
SN18	1/8"	Short, Light Spring (Snifter)	25	2.14
SN18L	1/8"	Long, Light Spring (Snifter)	25	2.18
SN25	1/4"	Short, Heavy Spring (Air)	25	2.43
SN25L	1/4"	Long, Light Spring (Snifter)	25	2.46
LVC18		Replacement Core for light spring models		.85
Pressure Test Gauge				
PTG1002		Pressure test gauge		10.54



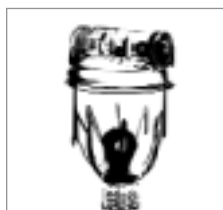
Air Volume Controls



AV Repairable



AVB125



AC100

Brady Air Volume Control Features:

- Maintains water flow-stretches pump life.
- Repairable and disposable offering.
- Diaphragm-type air volume control maintains correct proportions of air & water in jet systems.
- Die Cast, 96% Zinc.
- Individually cartoned.
- Available with or without Tapped Gauge Port.

Air Volume Bushing Features:

- Non-corrosive, impact resistant plastic.
- Eliminates the need for galvanized nipple to connect air volume control to pump tank.

Air Charger Features:

- For jet systems.
- Positive action control.
- No flexing diaphragm or metal springs to malfunction.
- Will not corrode in a moist environment.
- Fits all tanks up to and including 82 gallon.
- Available with tube & fittings as an optional extra, specify AC100TF. Includes 60" tubing & assortment of special brass fittings & adapters, eliminates duplication of inventories with a single kit for all applications.

Universal Air Charger Installation Kit Features:

- Fits all air volume controls.
- Includes 60" polyethylene tubing and assortment of special brass fittings and adapters, eliminating duplication of inventories with a single kit for all applications.

Part Number (Tapped)	Tank Capacity	Tank Connection	Pump Connection	Ctn Qty	Tapped List Price	Standard List Price	
Disposable							
AV45	80	1/4" MIPT	1/4 M. COMP	24		\$ 27.87	
AV45F	80	1/4" FIPT	1/8 FIPT	24		29.16	
AV100	120	3/8" MIPT	1/4 M. COMP	24		31.56	
AV100F	120	3/8" MIPT	1/8 FIPT	20		33.45	
Repairable							
AV30	42	1/4" MPT	1/4 M. COMP	100		25.94	
AV42	AV42T	80	1/4" FIPT	1/4 FIPT	50	39.11	36.78
AV80	AV80T	120	1/4" FIPT	1/4 FIPT	6	51.10	46.49
AV120	AV120T	220	3/8" FIPT	1/4 FIPT	4	67.06	61.75
Repair Kits • Fits all makes of repairable diaphragm type controls							
AV30-3A	For Brady AV30 controls			100		24.35	
AV42-3A	For Brady AV42 controls			24		26.48	
AV80-3A	For Brady AV80 controls			6		33.44	
AV120-3A	For Brady AV120 controls			4		43.81	
Bushing							
AVB125	1-1/4" MIP X 1/4" MIP			10		5.31	
Plastic Air Charger							
AC100				30		16.08	
CAC100				Bulk Packed		14.20	
Air Charger with Tubing and Fittings *							
AC100TF				24		21.17	
AC100TFBT	Black Tubing			24		21.17	
Air Charger Installation Kit with Tubing and Fittings *							
UTF1				48		9.51	
UTF1BT	Black Tubing			48		9.51	

* See page 6.7 for additional lengths of MV4040 1/2" OD x 0.17" ID translucent and black tubing.



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6/04

1.21

Air Releases & Controls



HAE1

All Plastic Deep Well Air Release Features:

- Maintains proper ratio of air to water in submersible water systems.
- All polyethylene construction eliminates corrosion.
- Includes gauge port and 0-40 lb. limited bleed adjustment.



BAR125N

Brady Plastic Deep Well Air Release Features:

- Constructed of ABS resin grade plastic.
- Seal/body interface with ultra strong I-beam style arm.
- Air release maintains the proper ratio of air to water.
- Any excess air is released through the adjustable air release valve.
- Non-corrosive, non-conductive and completely serviceable.
- Highest bouyancy, ultrasonic welded float with arm pivot and positioning mechanism.
- Release mechanism consists of a Buna-N procession ball & 316 stainless steel spring.
- Factory set at 20 P.S.I., adjustable from 0 to 40 P.S.I.



WJ1

Deep Well Air Release Features:

- Maintains proper ratio of air to water in submersible water systems.
- Deluxe deep well air release features ABS float and cast body which prevents galvanic action at pump tank tapping.



HF93B1



SWCL

Shallow Well Control Features:

- Preserves correct proportion of water and air in shallow well reciprocating pump systems.



Part Number	Tapping	Manufacturer	Ctn Qty	List Price
All Plastic Deep Well Air Release				
HAE1	1 1/4"	Invensys (Robert Shaw)	49	\$ 37.26
BAR125N	1 1/4"	Brady	10	34.90
Deep Well Air Release				
WJ1	1 1/4"	Ametek	50	42.29
HF93B-1	1 1/4"	Johnson	50	29.27
Shallow Well Control				
SWCL	1 1/4"	Ametek	50	48.21



Installation Accessories - Submersible



TA48



TA6100



SG Series



MG6



WG Series

Deluxe Torque Arrestor Features:

- Molded from PVC or rubber.
- Two piece design installs quickly.
- Field adjustable to hold pump centered in well.
- Fits all well casings from 4" to 8" I.D.
- Torque Arrestor is securely fastened to 1" or 1 1/4" drop pipe w/ 2 Ideal all stainless steel clamps included.
- Available bagged, boxed or bulk without clamps.

Submersible Torque Arrestor Features:

- "Spider" style molded from rubber.
- Installs at discharge cap of submersible pump.
- Tabs are easily cut for field alteration.
- 6" casing, 1" center hole.

Rubber Pump Guide Features:

- Installed at the top of the submersible discharge cap.
- Permits the pump to be lowered without damage from abrading against the well casing & ledge while centering the pump in the well.

Cable Guard Features:

- Snap-in and self clamping styles.
- Keeps power cable from abrading against well casing.
- A minimum of three to five should be used; one at the pump, one no further than 15' above the pump, and one between 25' and 30' above the pump.
- Adjustable - use in 4", 5" and 6" wells. Available for 1" or 1 1/4" drop pipe.
- Made of polyethylene and will float.

Part Number	Description	Color	Ctn Qty	List Price
Deluxe PVC Torque Arrestor				
TA48	Bagged, with 2 Ideal all stainless steel clamps	Black	16	\$ 9.93
TA48B	Boxed, with 2 Ideal all stainless steel clamps	Black	12	10.86
CTA48	Bulk, no clamps	Black	Bulk	7.25
Deluxe Rubber Torque Arrestor				
TA48R	Bagged with 2 Ideal all stainless steel clamps	Black	16	10.54
TA48RB	Boxed, with 2 Ideal all stainless steel clamps	Black	12	11.47
CTA48R	Bulk, No clamps	Black	Bulk	7.86
Standard Rubber Torque Arrestor				
TA6100	6x1, (spider type)	Black	12	15.06
Rubber Pump Guides				
SG400-3X1	Fits Casing ID 4" Guide OD 3" Drop Pipe 1"		Bulk	4.25
SG400-3X11/4	4" 3" 1 1/4"		Bulk	4.25
SG500-4X1	5" 4" 1"		Bulk	4.61
SG500-4X11/4	5" 4" 1 1/4"		Bulk	4.61
SG558-5X1	5-5/8" 5" 1"		Bulk	4.97
SG600-55/8X1	6" 5 5/8" 1"		Bulk	5.32
SG600-55/8X11/4	6" 5 5/8" 1 1/4"		Bulk	5.32
SG625-6X1	6 1/4" 6" 1"		Bulk	5.68
SG625-6X11/4	6 1/4" 6" 1 1/4"		Bulk	5.68
SG625-6X2	6 1/4" 6" 2"		Bulk	5.68
SG658-61/4X1	6 5/8" 6 1/4" 1"		Bulk	6.04
Cable Guard				
MG6	With hole, fits 4"-6" casing, Polyethylene		100	.89
WG100	1" Self-clamping style, fits 4"-6" casing		48	2.93
WG125	1 1/4" Self-clamping style, fits 4"-6" casing		48	4.28



Installation Accessories - Submersible



MR Series

Submersible Safety Rope Features:

- Custom extruded from tough polypropylene fiber.
- Highly resistant to chafing, abrasion & corrosion.
- Recommended wherever minimum stretch and maximum strength are required.
- Twisted SR25 Series tested in excess of 1,200 lbs.. Braided MR25 Series tested in excess of 1,000 lbs.
- Plastic or wood reels.



PO100

Bleeder Orifices Features:

- Provides a fast bleed through its large opening.
- Complete closure prevents loss of pumping volume.
- Full 1" size molded of virgin rubber increases bleed capacity & reduces cost of pipe fitting.
- 3/4" available in brass.
- Bleeder orifice tee available. Includes yellow brass insert tee w/ 1" rubber bleeder orifice.



ES

Ejector Screen Features:

- Protects heat pumps against plugged nozzles and clogged venturis.
- Non-corrosive brass or stainless steel screen.
- Installs easily in discharge side of ejector.



CT Series

Cable Tie Features:

- UL approved, self-clinching nylon fastener.
- Ideal for holding cable to drop pipe, positioning cable guards, etc.
- Withstands -65° to 225°F.
- Packaged in bags of 100.
- Manufactured for AGI in an ISO 9002 facility.



ISO 9002

Part Number	Description	Ctn Qty	List Price
Braided Safety Rope			
MR25-500	Blue/White, 1/4" x 500' Plastic Reel, 1000#	1	\$ 31.97
MR25-1	Blue/White, 1/4" x 1000' Plastic Reel, 1000#	1	62.32
MR25-3	Blue/White, 1/4" x 3000' Plastic Reel, 1000#	1	183.39
Twisted Safety Rope			
SR25-500	Black, 1/4" x 500' Plastic Reel, 1200#	1	33.64
SR25-1	Black, 1/4" x 1000' Plastic Reel, 1200#	1	65.61
SR25-3	Black, 1/4" x 3000' Plastic Reel, 1200#	1	193.18
Bleeder Orifices			
PO75B	3/4", Brass	50	11.25
PO100	1", Rubber, 25 per bag	100	2.32
BOT100	Yellow Brass Insert Tee 1", w/rubber bleeder orifice	25	41.07
Ejector Screen			
ES1	Brass Screen	1	5.74
ES1S	Stainless Steel Screen	1	6.60
Cable Ties			
CT150	Bag of 100 Nylon, 1" to 1 1/4" diameter pipe, 8" long	1	4.46/100
CT300	Bag of 100 Nylon, 1 1/2" to 4" diameter pipe, 15" long	1	14.29 /100



Submersible Rope Adapters & Fittings

Features:

- Cast from high quality bronze or stainless steel material.
 - Rope adapters have integral pad eye for easy use with submersible rope.
- SEE PAGE 10.1 and 10.2 for a complete line of imported cast bronze insert fittings.

☺ Imported



RBMA



LRRBMA



RBMUA



RBFA



SSMA



SSHB



RRBMA



XLRBMA



RBRA



SS12

Part Number	Size	Style	# Barbs	Ctn/CaseQty	List Price
Cast Bronze Male Insert Adapters (INS x MIP) ☺					
RBMA1/2	1/2" x 1/2"	Hex	5	10/200	\$ 2.99
RBMA3/4	3/4" x 3/4"	Hex	5	10/200	3.52
RBMA1	1" x 1"	Hex	7	10/100	5.36
RRBMA1	1" x 1"	Round	6	10/100	4.95
LRRBMA1	1" x 1"	Round (Light pattern)	5	10/100	5.06
RBMA1X3/4	1" x 3/4"	Hex	5	10/100	4.35
RBMA1X11/4	1" x 1 1/4"	Hex	6	10/100	6.38
RBMA11/4	1 1/4" x 1 1/4"	Hex	6	10/100	7.55
RBMA11/4X1	1 1/4" x 1"	Hex	7	10/100	6.51
RBMA11/2	1 1/2" x 1 1/2"	Hex	6	5/50	10.81
RBMA11/2X11/4	1 1/2" x 1 1/4"	Hex	6	10/100	11.98
RBMA2	2" x 2"	Hex	7	5/50	13.80
Cast Bronze Extra Long Male Adapters (INS x MIP) ☺					
XLRBMA1	1" x 1"	Hex	12	10/100	8.20
XLRBMA1X11/4	1" x 1 1/4"	Hex	12	10/100	9.76
XLRBMA11/4	1 1/4" x 1 1/4"	Hex	12	10/100	11.46
XLRBMA2	2" x 2"	Hex	12	5/50	22.00
Cast Bronze Male Union Adapters (INS x MIP) ☺					
RBMUA1	1" x 1"	Hex	6	10/80	12.76
RBMUA11/4	1 1/4" x 1 1/4"	Hex	6	10/40	15.11
Cast Bronze Rope Adapters (INS x MIP) ☺					
RBRA1	1" x 1"	Round w/ rope eye	10	10/100	7.55
RBRA1X11/4	1" x 1 1/4"	Round w/ rope eye	6	10/100	8.98
RBRA11/4	1 1/4" x 1 1/4"	Round w/ rope eye	6	10/100	9.89
Cast Bronze Rope Adapters (INS x MIP)					
BDR125	1"x1 1/4"	Heavy duty ☺	9	50	17.09
BW100	1"	HD long pattern ☺	9	50	17.57
Cast Bronze Female Adapters (INS x FIP) ☺					
RBFA1/2	1/2" x 1/2"	Round	5	10/200	4.73
RBFA3/4	3/4" x 3/4"	Round	5	10/100	4.82
RBFA1	1" x 1"	Round	5	10/100	6.38
RBFA11/4	1 1/4" x 1 1/4"	Round	7	10/100	8.33
RBFA11/2	1 1/2" x 1 1/2"	Round	6	5/50	13.54
RBFA2	2" x 2"	Round	7	5/50	17.83
Cast Stainless Steel Male Insert Adapters (MIP x INS) ☺					
				Grade 304	
SSMA1/2	1/2"	Hex	6	10	6.61
SSMA3/4	3/4"	Hex	6	10	7.50
SSMA1	1"	Hex	6	10	10.75
SSMA11/4	1 1/4"	Hex	6	10	12.47
SSMA11/4X1	1 1/4" x 1"	Hex	6	10	11.04
XLSSMA11/4X1	1 1/4" x 1"	Hex (Heavy pattern xlong)	13	5/60	19.36
SSMA11/2	1 1/2"	Hex	6	5	24.39
SSMA2	2"	Hex	6	5	31.04
Cast Stainless Steel Male Insert Adapters (MIP x INS) Made in USA					
				Grade 316	
SS12-1	1"	Round	7	25	18.76
SS12-11/4	1 1/4"	Round	6	25	25.26
SS38-11/4 X1	1 1/4" x 1"	Round	7	25	32.72
Cast Stainless Steel Hex Bushing (MIP x FIP) ☺					
				Grade 304	
SSHB1X3/4	1" x 3/4"	Hex	-		4.49
SSHB11/4x1	1 1/4" x 1"	Hex	-		6.97



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6/04

1.25

Couplings - Drop, Turned, Tool



Couplings for connecting pipe in submersible pump applications.
Ideal for all other threaded applications.



DPC Series



BDPC Series

DPC Series Features:

- Available in Schedule 80 or 120
- Machined from custom extruded PVC stock which eliminates weak points that occur in molded couplings.
- Reamed and drifted for easy starting of threads.
- Tapered pipe threads for positive watertight connections.
- Made in U.S.A.

BDPC Series Features:

- Heavy duty cast brass construction.
- Reamed and drifted for easy starting of threads.
- Tapered pipe threads for positive watertight connections.
- Imported.

Part Number	Pipe Size	Overall Length	Ctn Qty	List Price
PVC Schedule 80 - Standard Wall				
80DPC100	1"	2 3/4"	10/100	\$ 2.22
80DPC125	1 1/4"	2 3/4"	10/100	2.47
PVC Schedule 120 - Extra Heavy Wall				
DPC100	1"	2-3/4"	10/100	2.43
DPC125	1-1/4"	2-3/4"	10/100	3.22
DPC150	1-1/2"	3-3/8"	10/100	4.57
DPC200	2"	3-3/8"	10/100	5.27
Cast Brass - Heavy Duty				
BDPC100	1"	2 1/2"	10 / 80	6.21
BDPC125	1 1/4"	2 1/2"	10 / 60	7.79
BDPC200	2"	2 1/2"	40	11.32



Turned Coupling Features:

- Used for suspending flush well points or strainers from drive shoes or tubular cylinders.
- Galvanized with standard pipe thread.
- Furnished with right hand pipe threads.
- Thin wall 434J.

Part Number	Rt. Hand Thread Pipe Size	Well Size	Strainer Size	Coupling O.D.	Coupling Length	Ctn Qty	List Price
434J11/4X11/4	1 1/4 x 1 1/4"	2	1"	1 13/16"	2 1/4"	25	\$ 5.89
434-11/4X11/4	1 1/4 x 1 1/4"	2	1 1/4	1 15/16"	2 1/4	25	9.53



Tool Coupling Features:

- Heavy, extra-long black steel coupling recessed for use with well tools and drill rods.

Part Number	Pipe Size	Thread	OD	Length	Ctn Qty	List Price
8049C	1"	1" Tapered	1 5/8"	3 1/2"	32	\$ 14.54
8049D	1 1/4"	1 1/4" Straight	2 1/8"	3 3/4"	40	30.29



Pipe Cutters & Saws



T100



R2000



CP10



HM42



HL50



CS24L



CS36T

KWIKCUT Poly Pipe Cutter Features:

- Replaceable Teflon®-coated tool steel blade or high polish stainless
- Blade closes into its own handle for safe carrying and handling.
- Faster than sawing and deburring.
- Available with black or yellow glass-filled nylon handles.
- T100 cuts P.E., P.B., rubber hose and PVC (Class & Sch 40) through 1"
- T135 cuts P.E. and rubber hose through 1 1/2", P.B. and Class PVC through 1 1/4".
- SS200 cuts rubber hose through 2", P.E. through 1 1/2", Class PVC through 1 1/4" (w/ stainless steel blade)
- R2000 cuts 2" pipe - class PVC, PVC electrical conduit, polyethylene, Sch 40, ABS.
- Kwikcut pouch available.
- Patented



® Teflon is a Dupont Registered Trademark

HM42 1-1/4" PVC Pipe Cutter Features:

- For use on plastic pipes up to 1-1/4" diameter.
- Blade and ratchet teeth made of tough molybdenum vanadium steel.
- All metal construction insures long life; locking clip provides safe storage.
- Holds pipe as it cuts, creating smooth, even ends.

HL50 2" PVC Pipe Cutter Features:

- For use on plastic pipes up to 2" diameter.
- Blade and ratchet teeth made of tough molybdenum vanadium steel.
- Long handles provide extra leverage for easy cutting.
- All metal construction insures long life; locking clip provides safe storage.

PVC Cable Saw Features:

- Multi-purpose cable saw cuts PVC pipe.
- Available in two lengths and two handle styles

Part Number	Description	Ctn Qty	List Price
Cutters			
T100	Small Pipe Kwikcut, Black	25/50	\$ 23.91
YT100	Small Pipe Kwikcut, Yellow	25/50	23.91
T100SS	Small Pipe Kwikcut, Black, SS Blade	25/50	24.40
YT100SS	Small Pipe Kwikcut, Yellow, SS Blade	25/50	24.40
T135	Medium Pipe Kwikcut, Black	25/50	26.73
YT135	Medium Pipe Kwikcut, Yellow	25/50	26.73
T135SS	Medium Pipe Kwikcut, Black, SS Blade	25/50	27.20
YT135SS	Medium Pipe Kwikcut, Yellow, SS Blade	25/50	27.20
SS200	Largest Pipe Kwikcut, SS Blade	25/50	29.27
R2000	Kwikcut	1	216.07
HM42	PVC Plastic Pipe Cutter, 1-1/4"	1	45.14
HL50	PVC Plastic Pipe Cutter, 2"	1	171.11
Blades, Replacement Springs and Accessories			
BT100	Blade for T100	1	8.67
BT100SS	Stainles Steel Blade for T100SS	1	9.46
BT135	Blade for T135	1	9.89
BT135SS	Stainless Steel Blade for T135SS	1	10.66
SSB200	Blade for SS200	1	9.97
HM42B	Blade for HM42	1	27.09
HL50B	Blade for HL50	1	81.51
HM42SP	Ratchet Spring & Blade Spring for HM42	1	6.37
HL50SP	Ratchet Spring & Blade Spring for HL50	1	7.08
CP10	Tool Pouch	10/25/50	12.72
Cable Saws			
CS24L	Cable saw, 24" length, Loop handle	12	5.36
CS36L	Cable saw, 36" length, Loop handle	12	8.72
CS36T	Cable saw, 36" length, T handle	12	11.43

Work Gloves - Cotton, Leather & Rubber Coated



AGWG104C

Standard ALL COTTON Work Glove Features:

- Multi-purpose work glove is ideal for all work needs.
- Generously sized to provide a comfortable fit.
- Straight thumb.
- Knit wrist.
- 100% cotton.
- Imported

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG104C	Cotton glove	12 pair	120 pair	\$ 1.75/pair



AGWG206L

Economy LEATHER Work Glove Features:

- Light duty, economical leather palm work glove.
- The protection of a leather palm and the comfort of a fabric back.
- Generously sized to provide a comfortable fit.
- Straight thumb.
- Knit wrist.
- Imported.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG206L	Economy leather glove	12 pairs	120 pair	\$ 2.93/pair



AGWG205L

Heavy Duty LEATHER Work Glove Features:

- Gunn pattern; leather extends around the front of each finger, leaving no exposed seams or cloth in the palm "wear" area.
- Leather palm, fabric back.
- Generously sized to provide a comfortable fit.
- Winged thumb.
- 2 1/2" safety cuff.
- Imported.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG205L	Heavy Duty Leather glove	12 pairs	120 pair	\$ 3.39/pair



AGWG6600 Series

ARMOR Rubber Coated Work Glove Features:

- Textured, durable blue natural rubber coating over seamless, breathable knit liner.
- Ideal for grabbing anything under wet conditions.
- Excellent for any abrasive or slippery application - pump & well, pool & spa, irrigation, plumbing & heating.
- Comfort and extraordinary grip
- Contoured fingers reduce hand fatigue.
- Imported.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG6600L	Rubber coated knit glove, Large	12 pairs	144 pair	\$9.82/pair
AGWG6600XL	Rubber coated knit glove, XLarge	12 pairs	144 pair	\$9.82/pair

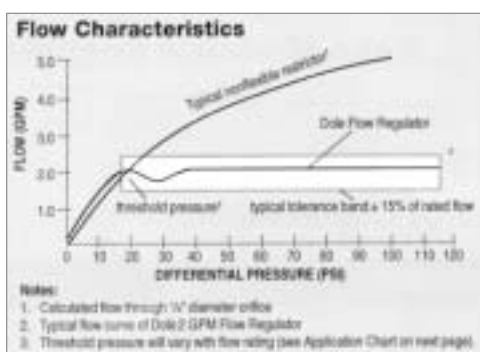


Flow Control Valves - Dole



Dole Flow Control Valve Features:

- Prevents over-pumping of low yield wells.
- Installs in the discharge line between check valve and pressure tank.
- Do not use to suspend pipe.
- Self cleaning, designed to deliver constant volume of water over wide pressure drop range.
- Flow rated maintained within +/- 15% up to a pressure drop of 125 psi.
- Maximum system pressure 200 psi.



• Contact your salesperson for additional inlet/outlet dimensions available.

Part Number	Flow	Inlet/Outlet	Ctn Qty	List Price
Brass Housing, Nickel Plated				
DV2.5	0.25 GPM	3/8" FIPT	1	\$ 40.06
DV10	1.0 GPM	3/8" FIPT	1	40.06
DV15	1.5 GPM	1/2" FIPT	1	41.54
DV20	2.0 GPM	1/2" FIPT	1	41.54
DV30	3.0 GPM	1/2" FIPT	1	41.54
DV35	3.5 GPM	1/2" FIPT	1	41.54
DV40	4.0 GPM	1/2" FIPT	1	41.54
DV1.0	1.0 GPM	3/4" FIPT	1	51.73
DV2.0	2.0 GPM	3/4" FIPT	1	51.73
DV50	5.0 GPM	3/4" FIPT	1	51.73
DV60	6.0 GPM	3/4" FIPT	1	51.73
DV70	7.0 GPM	3/4" FIPT	1	51.73
DV80	8.0 GPM	3/4" FIPT	1	51.73
DV100	10.0 GPM	3/4" FIPT	1	51.73
DV115	11.5 GPM	3/4" FIPT	1	51.73
DV10-1	1.0 GPM	1" FIPT	1	99.67
DV15-1	1.5 GPM	1" FIPT	1	99.67
DV20-1	2.0 GPM	1" FIPT	1	99.67
DV30-1	3.0 GPM	1" FIPT	1	99.67
DV50-1	5.0 GPM	1" FIPT	1	99.67
DV60-1	6.0 GPM	1" FIPT	1	99.67
DV70-1	7.0 GPM	1" FIPT	1	99.67
DV80-1	8.0 GPM	1" FIPT	1	99.67
DV90-1	9.0 GPM	1" FIPT	1	99.67
DV100-1	10.0 GPM	1" FIPT	1	99.67
DV120	12.0 GPM	1" FIPT	1	99.67
DV150	15.0 GPM	1" FIPT	1	99.67
DV200	20.0 GPM	1" FIPT	1	99.67
DV250	25.0 GPM	1" FIPT	1	99.67
DV300	30.0 GPM	1" FIPT	1	99.67
Steel Housing, Zinc Plated				
DV400	40.0 GPM	2-1/2" MIPT	1	440.06
DV500	50.0 GPM	2-1/2" MIPT	1	440.06
DV600	60.0 GPM	2-1/2" MIPT	1	440.06
DV700	70.0 GPM	2-1/2" MIPT	1	440.06
DV800	80.0 GPM	2-1/2" MIPT	1	440.06
DV900	90.0 GPM	2 1/2" MIPT	1	440.06
DV1000	100.0 GPM	3" MIPT	1	457.80



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ET1983



ET1983 Electrical Tester Features:

- Checks 120, 240, 440VAC and 150, 300, 500VDC
- Handy, economical, durable.
- Ideal for any electrical installation or repair.
- Extra long insulated lead with test probe for added convenience.
- Easy to read, bright indicator light.
- Requires no batteries.
- Packaged in slide blister card.
- Meets CE requirements.
- UL listed.

Part Number	Description	Ctn/Case Qty	List Price
ET1983	120, 240, 440V tester	10/120	\$ 10.18



ETLV1959



ETLV1959 LOW VOLTAGE Electrical Tester Features:

- Checks 6, 12, 24 and 48V AC/DC
- Handy, low cost tester for low voltage applications.
- Ideal for irrigation and landscape lighting installations and repairs.
- Extra long insulated lead with alligator clip for added convenience.
- Easy to read, bright LED indicator lights.
- Requires no batteries.
- Packaged in polybag with instructions.
- Meets CE requirements.

Part Number	Description	Ctn/Case Qty	List Price
ETLV1959	6, 12, 24, 48V tester	50/200	\$13.75

CAUTION:

Only the voltages indicated on the tester may be checked. Use extreme caution when checking any electrical circuits to avoid injury due to electrical shock. Basic knowledge of electricity on the part of the purchaser is assumed and American Granby and its manufacturer are not responsible for injury or damages due to improper use of this tester.



Installation Accessories - Electrical



HS Series



EC Series

Heat Shrink Splicing Kit Features:

- Excellent dielectric strength and can be shrunk over a large diameter connector and still effectively seals watertight down to a small diameter cable.
- Available in two, three and four wire kits. Designed to fit the new, smaller O.D. pump leads.
- No grease tape or epoxy is needed.
- Highly resistant to moisture, fungus and weathering.
- Supplied w/ EC1410 wire connectors for #14-#10 gauge wire. (EC6/8 for LHS Series.)
- Private labeling available for minimum orders of 200 kits.
- Bulk tubing available.

Wire Connector Features:

- Provides quick, safe and sure electrical connection.
- Seamless.
- 13/16" in length.

Part Number	Tubes Fits Wire Size	# Tubes	# Butt Connectors (included in kit)	Ctn Qty	List Price
Black Heavy Wall Heat Shrink Kits					
HS2	#14, #12, #10	2	2	50	\$ 2.57
HS2-3	#14, #12, #10	2	3	50	2.99
HS3	#14, #12, #10	3	3	50	3.79
HS3-4	#14, #12, #10	3	4	50	4.00
HS4	#14, #12, #10	4	4	50	5.04
LHS3	#8, #6, #4, #2	3	3 (#8) 3 (#6)	24	10.68
LHS4	#8, #6, #4, #2	4	4 (#8) 4 (#6)	12	14.11
CHST	#14, #12, #10	BULK	0	500	1.25
Black Standard Wall Heat Shrink Kits					
HSSW2	#14, #12, #10	2	2	50	1.82
HSSW2-3	#14, #12, #10	2	3	50	2.00
HSSW3	#14, #12, #10	3	3	50	2.54
HSSW3-4	#14, #12, #10	3	4	50	2.79
HSSW4	#14, #12, #10	4	4	50	3.29
CHSSWT	#14, #12, #10	BULK	0	500	0.97
Clear Heavy Wall Heat Shrink Kits					
HSHWC2	#14, #12, #10	2	2	50	2.95
HSHWC2-3	#14, #12, #10	2	3	50	3.17
HSHWC3	#14, #12, #10	3	3	50	3.98
HSHWC3-4	#14, #12, #10	3	4	50	4.20
HSHWC4	#14, #12, #10	4	4	50	5.32
LHSHWC3	#8, #6, #4, #2	3	3 (#8) 3 (#6)	50	10.68
LHSHWC4	#8, #6, #4, #2	4	4 (#8) 4 (#6)	50	14.11
CHSHWCT	#14, #12, #10	BULK	0	500	1.06
Clear Standard Wall Heat Shrink Kits					
HSCL2	#14, #12, #10	2	2	50	2.36
HSCL2-3	#14, #12, #10	2	3	50	2.50
HSCL3	#14, #12, #10	3	3	50	3.32
HSCL3-4	#14, #12, #10	3	4	50	3.46
HSCL4	#14, #12, #10	4	4	50	4.32
CHSCLT	#14, #12, #10	BULK	0	500	1.11
Wire Connectors					
EC1410	For #14-10 gauge wire			100	14.11/100
EC8	For #8 gauge wire			250	0.51 each
EC6	For #6 gauge wire			250	0.75 each
EC4	For #4 gauge wire			100	1.01 each
EC2	For #2 gauge wire			100	1.35 each





SK Series

Compression Splicing Kit Features:

- Molded from high impact resistant polycarbonate.
- No water absorption characteristics.
- Excellent dielectric properties.
- Available in two, three and four wire kits.
- Supplied with EC1410 wire connectors for #14-#10 gauge wire.



LA1

LA1 Surge Arrestor Features:

- Protects motors and controls from voltage surge caused by lightning interference, switching loads and powerline interferences.
- 500 volt surge protection.
- Easy installation in pressure switch, motor control box or breaker box.
- Instructions included.



LA5

LA5 Lightning Arrestor Features:

- No mounting hardware needed.
- Protects 2 pole-3 wire, 125/250 volt electrical service.
- Use outdoors or in a completely sealed enclosure.
- Use to protect submersible pump.
- Instructions included.



LA175

LA175 Lightning Arrestor Features:

- Metal oxide secondary surge arrestor.
- 175 volt rating for use with 120/240 volt or 120/208 volt service.
- Designed to provide brute force protection against lightning induced surges at the service entrance.
- Fault withstand capability.
- Replacement indication.
- UL, UL Canada Listed



HPL

Pump Light Features:

- Can be used with two or three wire motors in either 115 volt or 230 volt applications.
- It is easy to install at the pressure switch, where it is used to indicate that the pump is running or at the control box, where it is used to indicate that current is available to the submersible pump.

Part Number	Description	# Tubes	# Connectors	Ctn Qty	List Price
Compression Splice Kits					
SK2	#14, #12, #10	2	2	50	\$ 4.35
SK3	#14, #12, #10	3	3	50	6.08
SK4	#14, #12, #10	4	4	50	7.86
Lightning Arrestors					
LA1	120/240v. AC			24	22.12
LA5	3 wire 125/250v. AC, 2 phase, outdoor or sealed enclosure			24	39.65
LA175	120/240v or 120/208 v Max continuous capability of 175 v phase to ground			1	112.38
Pump Light					
HPL75	Pump Light			12	15.47



Pressure Switches - Imported



Imported Pressure Switch Features:

- Designed for the control of electrically driven water pumps.
- Suitable for all types of pumps: jet, submersible, reciprocating, etc.
- Diaphragm actuated.
- 1/4" FPT connection.
- Standard, manual cut-out and low pressure cut-off available.
- Terminal and ground screws are combination slotted, phillips heads.
- Captive cover thumb screw.
- Black plastic NEMA 1 general purpose enclosure.
- UL listed US and Canada
- Individually boxed. Bulk packaging available on standard switch only.

Part Number	Description	Cut-In/Cut-off	Package	Ctn Qty	List Price
PS2040	Standard Switch	20/40	Individual Ctn	50	\$ 18.75
PS3050	Standard Switch	30/50	Individual Ctn	50	18.75
PS4060	Standard Switch	40/60	Individual Ctn	50	18.75
CPS2040	Standard Switch	20/40	Bulk Packed	50	19.46
CPS3050	Standard Switch	30/50	Bulk Packed	50	19.46
CPS4060	Standard Switch	40/60	Bulk Packed	50	19.46
PS2040M1	Manual Cut-out	20/40	Individual Ctn	50	21.43
PS3050M1	Manual Cut-out	30/50	Individual Ctn	50	21.43
PS4060M1	Manual Cut-out	40/60	Individual Ctn	50	21.43
PS2040M4	Low Pressure Cut-off	20/40	Individual Ctn	50	23.75
PS3050M4	Low Pressure Cut-off	30/50	Individual Ctn	50	23.75
PS4060M4	Low Pressure Cut-off	40/60	Individual Ctn	50	23.75





Pressure Switches - Square D



ISO 9001

Square D Pressure Switch Features:

- Designed for the control of electrically driven water pumps.
- Diaphragm actuated.
- Differential increases with range.
- Contacts open on increased pressure.
- General purpose enclosure NEMA Type 1
- Individually boxed. Bulk packaging available upon request.
- Manufactured for AGI in an ISO 9001 facility.



SQUARE D



Part Number	Description/Special Features	Ctn Qty	List Price	Drop Ship Price (200 pc)
9013FSG2 20/40	Standard Pump Switch	50	\$ 33.57	↑
9013FSG2 30/50	Standard Pump Switch	50	33.57	
9013FSG2 40/60	Standard Pump Switch	50	33.57	
9013FSG2M4 20/40	Low Pressure Cutoff	40	44.27	↑
9013FSG2M4 30/50	Low Pressure Cutoff	40	44.27	
9013FSG2M4 40/60	Low Pressure Cutoff	40	44.27	
9013FSG2M1 20/40	Manual Cutoff Lever	1	39.87	↑
9013FSG2M1 30/50	Manual Cutoff Lever	1	39.87	
9013FSG2M1 40/60	Manual Cutoff Lever	1	39.87	
9013FSG2P 20/40	with Pulsation Plug	1	34.51	Contact your Salesperson or Cust. Service For Pricing
9013FSG2P 30/50	with Pulsation Plug	1	34.51	
9013FSG2P 40/60	with Pulsation Plug	1	34.51	
9013FSG9 20/40	1/4 MPT Connection	1	33.57	↑
9013FSG9 30/50	1/4 MPT Connection	1	33.57	
9013FSG9 40/60	1/4 MPT Connection	1	33.57	
9013FYG2 30/50	High H.P. 80 PSI Range	1	49.04	↑
9013FYG2 40/60	High H.P. 80 PSI Range	1	49.04	
9013FYG2 60/80	High H.P. 80 PSI Range	1	49.04	
9013GHG2 60/80	Heavy Duty Pump Switch	1	116.02	↑
9013GHG2 80/100	Heavy Duty Pump Switch	1	116.02	
9013GHG2 120/150	Heavy Duty Pump Switch	1	116.02	
9013GHG2 145/175	Heavy Duty Pump Switch	1	116.02	
9013GSG2 20/40	Heavy Duty Pump Switch	1	116.02	↑
9013GSG2 30/50	Heavy Duty Pump Switch	1	116.02	
9013GSG2 40/60	Heavy Duty Pump Switch	1	116.02	
9013GSG2 60/80	Heavy Duty Pump Switch	1	116.02	
Pulsation Plug	Pulsation Plug (Packaged in bags of 50)	1	1.41 each	

SEE CATALOG PAGE 5.4 for FLOAT SWITCHES.

- Other 9013 class Square D switches available on a special order basis. Allow 3 weeks for delivery.
- Drop ship pricing available, contact your salesperson or Customer Service.
- Net 30 day terms apply on all drop ship orders.

Pressure Switches - Square D



SPECIFICATIONS



General Purpose Enclosure NEMA Type 1		Application		Pipe Connection
Product No.	Special Feature	Domestic Water Pumps	Domestic Water Pumps	1/4"– 18 NPT
9013FSG9	1/4" MPT Connection			
9013FYG2	High H.P. 80 PSI range			
9013FSG2	Standard Pump Switch			
9013FSG2P	Pulsation Plug			
9013FSG2M1	Manual Cutout Lever			
9013FSG2M4	Low Pressure Cutoff			
		Air Compressors Lg. Water Pumps	Water or Air	1/4"– 18 NPT Internal Thread
9013GSG2	Heavy Duty Pump Switch			
9013GHG2	Heavy Duty Pump Switch			

Horsepower Chart

General Purpose Enclosure

Product No.	Poles	Cut-out PSI	Diff PSIG	Single Phase		Polyphase AC			Direct Current		
				110V	220V	220V	440V	550V	32V	115V	230V
9013FSG9	2	20-65	15-30	1	1 1/2	2			1/4		
9013FYG2	2	25-80	20-30	1 1/2	2	3			1/4	1/2	1/2
9013FSG2	2	20-65	15-30	1 1/2	2	2			1/4		
9013FSG2P	2	20-65	15-30	1 1/2	2	2			1/4		
9013FSG2M1	2	20-65	15-30	1 1/2	2	2			1/4		
9013FSG2M4	2	20-65	15-30	1 1/2	2	2			1/4		
9013GSG2	2	20-80	12-36	2	3	5	5	5	1/2	1	1
9013GHG2	2	65-200	25-60	2	3	5	5	5	1/2	1	1

Pressure Code Table

Code Setting PSI (Close-Open)

J15	5-21
J16	8-20
J18	20-50
J20	20-40
J21	30-50
J23	40-20
J24	40-60
J25	60-80
J26	70-90
J28	70-100
J29	75-100
J31	90-120
J33	50-70
J34	55-85
J51	100-80
J57	120-150
J63	145-175



Pump Start Relays / Magnetic Contactors



Pump Start Relay / Magnetic Contactor Features:

- Contactors are UL and UL Canada rated.
- Wide coil operating range, +10% to -30% of rated 60 hz coil voltage.
Contactors will start on low voltage as follows:
Single phase: 24 VAC coil will pull in at 17 volts.
120 VAC coil will pull in at 84 volts.
230 VAC coil will pull in at 161 volts.
- Finger safe design.
- One normally open auxilliary contact for powering a pilot light or alarm.
- Pressure screw terminals accept 18 through 10 AWG wire.
- Interposing relay units accept 24 through 10 AWG wire.
- Mechanical life up to 10 million operations.
- Long electrical life.
- PSR567 Series with interspoing relay designed for low voltage and low controller output.



Industrial Non-metallic Enclosure Features:

- Gray enclosures are UL, CSA listed.
- Rated NEMA 4X for indoor or outdoor use.
- To maintain 4X enclosure rating use required 4X connectors.
- Watertight, dust tight, oil tight and rain tight.
- High impact, durable insulated Noryl thermoplastic.
- Neoprene gasketed cover.
- Resistant to shock, corrosion, chemicals and atmospheric agents.
- 8 conduit knockouts (1/2", 3/4" NPT combination.)
- Service temperature -40° to 260°F.
- Stainless steel cover screws (max tightening torque: 7 in-lbs.)
- Sealing plugs provided to waterproof mounting screws.
- 5.9" H x 4.3" W x 3.9" D



Pump Start Relays / Magnetic Contactors



Part Number	INPUT- PUMP START RELAY			CONTACTOR Coil Voltage	PUMP MOTOR HP (MAX)				LIST PRICE
	Volts VAC	Req'd Close	Coil Power Hold		Single Phase*		Three Phase **		
					120 v	230 v	200/230v	460 v	
Direct Control Style Contactor									
PSR123-24	24	26 VA	4.2 VA	24	1 HP	2 HP	3 HP	5 HP	\$ 84.45
PSR123-120	120	26 VA	4.2 VA	120	1 HP	2 HP	3 HP	5 HP	84.45
PSR123-230	230	26 VA	4.2 VA	230	1 HP	2 HP	3 HP	5 HP	84.45
Direct Control Style Contactor									
PSR575-24	24	70 VA	12 VA	24	2 HP	5 HP	7.5 HP	15 HP	119.60
PSR575-120	120	70 VA	12 VA	120	2 HP	5 HP	7.5 HP	15 HP	119.60
PSR575-230	230	70 VA	12 VA	230	2 HP	5 HP	7.5 HP	15 HP	119.60
Interposing Relay Style Contactor for low voltage/controller output applications.									
PSR576-110-24	24	1.2 VA	1.2 VA	120	2 HP	-	-	-	217.37
PSR576-230-24	24	1.2 VA	1.2 VA	260	-	5 HP	7.5 HP	-	217.37

Notes:

1. Direct Control Style: The input volts must match the controller output voltage.
The contactor coil voltage must match the controller voltage.
2. Interposing Relay Style: The input volts must match the controller output voltage.
The contactor coil voltage must match the controller voltage.
3. VA=Volt Amps. To determine the operating amperage needed by the coil, divide the VA by the controller output voltage.

* Single Phase systems require motor overload protection within the motor.

** Three phase systems: May require motor overload protection within the motor. For proper overload protection consult the NEC (National Electrical Code) and local building codes before installation.



Liquid Level Controls

B/W Controls



Liquid Level Control

Liquid Level Control Features:

- Provides automatic low level cutoff protection for submersible pumps & deep well turbines.
- Liquid level submersible pump control system consists of a standard enclosed type induction relay which operates from two insulated electrodes suspended at desired levels.
- Permits efficient operation at full capacity and eliminates danger of pumping air or sand.
- Wiring diagrams and complete installation instruction are included with each control.

1500G SERIES INDUCTION RELAY:

- Two way control system for pump up or pump down.
- Rated at 1 hp single phase, 115 or 230 volts A.C.
- For use in controlling hydropneumatic tanks and motorized valve installations.

1500C and 1500D SERIES INDUCTION RELAY:

- Rated at 1 h.p. single phase, 110 or 220 volts and furnished in a NEMA 1 metal enclosure.
- For control of a larger motor, it can also be supplied in a common enclosure with an auxiliary relay without overload protection or with a magnetic starter that has overload protection.
- 1500C Series for sewage & sump pump, low level cutoff for submersible pump application.
- 1500D Series for supply pumps on elevated tanks & towers, high level cutoff for pumps & valves.

6013 SERIES ELECTRODES:

- Made of brass or 303 stainless steel.
- 2" long.
- Assembled in molded plastic insulating shield 9/16" in diameter.
- Use in submersible pump installations by suspending to desired length w/ suspension wire.



Electrode

NEW Part Number	OLD Part Number	Description	Volts	Ctn Qty	List Price
1500G-L1-S7-N1X	DH110-220	Pump-up/Pump-down	110/220 volts	1	\$ 434.62
1500G-L1-S8-N1X	DH110-360	Pump-up/Pump-down	110/360 volts	1	434.62
1500G-L2-S7-N1X	DH220-220	Pump-up/Pump-down	220/220 volts	1	434.62
1500G-L2-S8-N1X	DH220-360	Pump-up/Pump-down	220/360 volts	1	434.62
1500G-L3-S8-N1X	DH440-360	Pump-up/Pump-down	440/360 volts	1	434.62
1500G-L4-S11-N1	DH550-600	Pump-up/Pump-down	550/600 volts	1	434.62
1500C-L1-S4-N1X	LH110-110	Pump-down	110/120 volts	1	396.15
1500C-L1-S7-N1X	LH110-220	Pump-down	110/220 volts	1	396.15
1500C-L1-S8-N1X	LH110-360	Pump-down	110/360 volts	1	396.15
1500C-L2-S7-N1X	LH220-220	Pump-down	220/220 volts	1	396.15
1500C-L2-S9-N1X	LH220-480	Pump-down	220/480 volts	1	396.15
1500C-L2-S8-N1X	LH230-360	Pump-down	230/360 volts	1	396.15
1500C-L3-S8-N1X	LH440-360	Pump-down	440/360 volts	1	396.15
1500D-L1-S7-N1X	RH110-220	Pump-up	110/220 volts	1	396.15
1500D-L1-S8-N1X	RH110-360	Pump-up	110/360 volts	1	396.15
1500D-L2-S7-N1X	RH220-220	Pump-up	220/220 volts	1	396.15
1500D-L2-S9-N1X	RH220-480	Pump-up	220/480 volts	1	396.15
1500D-L2-S8-N1X	RH230-360	Pump-up	230/360 volts	1	396.15
1500D-L3-S8-N1X	RH440-360	Pump-up	440/360 volts	1	396.15
Electrodes					
6013-W6	E1S	Stainless Steel		1	42.31
6013-W5	E1SB	Brass		1	42.31



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Liquid Level Controls



Induction Relay Coil Selection Data

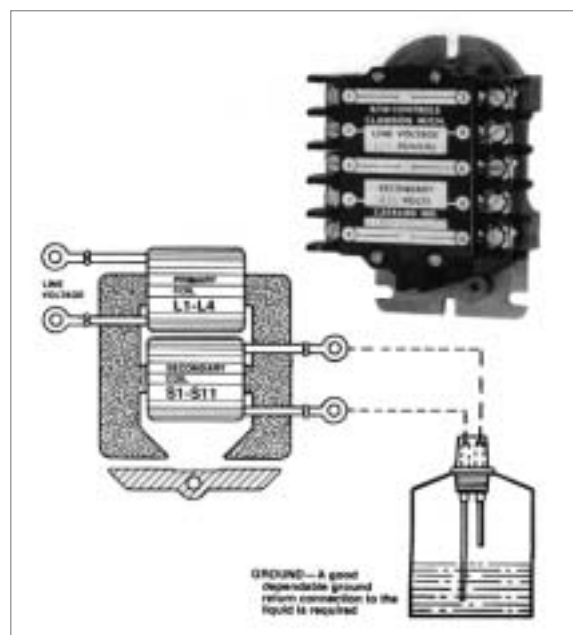
Primary Coil:

The primary coil voltage should be chosen to match the line voltage of the control system. The 1500 Series Induction Relay can be supplied with any of the following line voltages.

Line Voltage	Frequency (Hertz)	Max Amps (Secondary Shorted)
110-120	50-60	.075
208-240	50-60	.038
440-480	50-60	.019

Secondary Coil:

Since B/W level control systems use liquid as an electrical conductor to complete the relay's secondary circuit - and since the resistance of liquid varies, it is necessary that each induction relay be equipped with a secondary coil that will operate over the resistance of the liquid it controls. The table below lists the operating characteristics of various coils available. All values are based on line voltage of 115, 230, 460 volts at 60 hertz.



Typical Liquids:

The following recommendations are satisfactory for general use, but because the conductivity of liquids varies greatly with concentration, purity, temperature and other factors, some applications may require a different selection. A number of the products listed are produced as solids such as crystals or powders, and the relay selection is based on the normally used commercial solutions of these materials.

Liquid Description	Secondary Coil	Liquid Description	Secondary Coil	Liquid Description	Secondary Coil
Acetic Acid - up to 75%	90 volt	Carbolic Acid - up to 90%	220 volt	Nitric acid	40 or 90 volt
- 75 - 90%	220 volt	Catsup	90 volt	Orange juice	90 volt
Acids - General	40 or 90 volt	Caustic Soda (Sodium Hydroxide)	40 volt	Paper stock	220 volt
Alkalies - General	40 or 90 volt	Cement slurry	220 volt	Penicillin	220 volt
Alum Solutions	220 volt	Chromic acid	40 volt	Phosphoric acid	40 volt
Aluminum Sulphate	90 volt	Citric acid	40 or 90 volt	Plating solutions	40 or 90 volt
Aluminum Hydroxide	90 volt	Coffee	90 volt	Salts - chemical	40 or 90 volt
Amino Acids	90 volt	Condensate - ordinary water	480 volt	Sodium Carbonate (soda ash)	90 volt
Ammonium Chloride	40 volt	Corn syrup	480 volt	Sodium Chloride (table salt)	40 volt
Ammonium Hydroxide (Ammonia)	220 volt	Corn - cream style	90 volt	Sodium Hydroxide (caustic soda)	40 volt
Ammonium Sulphate	220 volt	Ferrous Sulphate	220 volt	Sodium Hypochlorate	40 volt
Baby foods	90 volt	Formic acid - up to 75%	90 volt	Sodium Silicate (water glass)	90 volt
Barium Chloride	40 volt	- 75 to 90%	220 volt	Soups	40 volt
Barium Nitrate	40 volt	Hydrofluoric acid - up to 20%	220 volt	Starch solutions	220 volt
Beer	90 volt	- above 20%	40 volt	Sugar - low concentrations	220 volt
Black liquor	40 volt	Hydrofluorsilicic acid	90 volt	- high concentrations	360 volt
Blood	220 volt	Jams & jellies	360 volt	Vinegar	90 volt
Borax - up to 10%	220 volt	Juices - fruit & vegetable	40 or 90 volt	Water - Sea	40 volt
- Greater than 10%	90 volt	Lithium Chloride	40 volt	- Ordinary potable	220 volt
Bread dough	90 volt	Magnesium Hydroxide	90 volt	- ordinary soft	360 volt
Buttermilk	24 or 40 volt	Mayonnaise	220 volt	- Ordinary condensate	480 volt
Cadmium Chloride	40 volt	Milk	40 volt	Zinc Chloride	40 volt
Cake batter	220 volt	Molasses	220 volt		
Calcium Chloride	40 volt	Muriatic acid	40 volt		
Calcium Hydroxide	220 volt	Mustard	40 volt		

NOTE: Maximum distance limitations for typical induction relay secondary circuits are: 220 secondary - 900 feet, 360 secondary - 350 ft, 480 secondary - 250 ft.



Pressure Gauges



Pressure Gauge

ISO 9001

Pressure Gauge Features:

- Rugged precision made phosphor-bronze Bourdon tube movements assuring maximum accuracy under adverse field conditions.
- **TO BE USED WITH AIR OR WATER ONLY.**
- Manufactured for AGI in an ISO 9001 facility.

POLYPROPYLENE CASE:

- Bourdon tube movement is totally enclosed in corrosion resistant polypropylene housing.
- Resists rust, electrolytic action and chemical solvents.
- Brass sockets standard.

STEEL CASE:

- Deep drawn one piece steel housing encases a quality movement.
- Genuine mar-resistant glass lens and brass socket connections are standard.

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
Imported							
IPPG302-4L	Plastic	0-30#	Pressure	2"	1/4 Lower	100	\$ 4.39
IPPG302-4B	Plastic	0-30#	Pressure	2"	1/4 Back	100	4.39
IPPG602-4L	Plastic	0-60#	Pressure	2"	1/4 Lower	100	4.39
IPPG602-4B	Plastic	0-60#	Pressure	2"	1/4 Back	100	4.39
IPPG1002-4L	Plastic	0-100#	Pressure	2"	1/4 Lower	100	4.39
IPPG1002-4B	Plastic	0-100#	Pressure	2"	1/4 Back	100	4.39
IPVG302-4L	Plastic	0-30 Hg"	Vacuum	2"	1/4 Lower	100	9.57
IPVG3025-4L	Plastic	0-30 Hg"	Vacuum	2-1/2"	1/4 Lower	100	12.14
IPVG602-4L	Plastic	0-60 Hg"	Vacuum	2"	1/4 Lower	100	9.57
IPG302-4L	Steel	0-30#	Pressure	2"	1/4 Lower	100	4.57
IPG602-4L	Steel	0-60#	Pressure	2"	1/4 Lower	100	4.57
IPG602-4B	Steel	0-60#	Pressure	2"	1/4 Back	100	4.57
IPG1002-4L	Steel	0-100#	Pressure	2"	1/4 Lower	100	4.57
IPG1002-4B	Steel	0-100#	Pressure	2"	1/4 Back	100	4.57
IPG1002-8B	Steel	0-100#	Pressure	2"	1/8 Back	100	4.57
IPG2002-4L	Steel	0-200#	Pressure	2"	1/4 Lower	100	4.57
Domestic							
PPG302-4L	Plastic	0-30#	Pressure	2"	1/4 Lower	100	13.99
PPG602-4L	Plastic	0-60#	Pressure	2"	1/4 Lower	100	12.44
PPG1002-4L	Plastic	0-100#	Pressure	2"	1/4 Lower	100	12.14
PG152-4L	Steel	0-15#	Pressure	2"	1/4 Lower	100	17.86
PG1525-4L	Steel	0-15#	Pressure	2 1/2"	1/4 Lower	100	17.86
PG302-4L	Steel	0-30#	Pressure	2"	1/4 Lower	100	15.48
PG302-4B	Steel	0-30#	Pressure	2"	1/4 Back	100	20.60
PG302-8L	Steel	0-30#	Pressure	2"	1/8 Lower	100	16.85
PG302-8B	Steel	0-30#	Pressure	2"	1/8 Back	100	20.60
PG3025-4L	Steel	0-30#	Pressure	2-1/2"	1/4 Lower	100	19.05
PG3045-4L	Steel	0-30#	Pressure	4-1/2"	1/4 Lower	100	36.67



American Granby Inc.

TM

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Pressure Gauges



ISO 9001

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
Domestic - Continued							
PG602-4L	Steel	0-60#	Pressure	2"	1/4 Lower	100	\$ 14.29
PG602-4B	Steel	0-60#	Pressure	2"	1/4 Back	100	20.60
PG602-8L	Steel	0-60#	Pressure	2"	1/8 Lower	100	16.85
PG6025-4L	Steel	0-60#	Pressure	2-1/2"	1/4 Lower	100	19.05
PG6045-4L	Steel	0-60#	Pressure	4-1/2"	1/4 Lower	100	36.67
PG1002-4L	Steel	0-100#	Pressure	2"	1/4 Lower	100	13.99
PG1002-4B	Steel	0-100#	Pressure	2"	1/4 Back	100	20.60
PG1002-8L	Steel	0-100#	Pressure	2"	1/8 Lower	100	16.85
PG1002-8B	Steel	0-100#	Pressure	2"	1/8 Back	100	20.60
PG10025-4L	Steel	0-100#	Pressure	2-1/2"	1/4 Lower	100	19.05
PG10035-4L	Steel	0-100#	Pressure	3-1/2"	1/4 Lower	100	26.79
PG10045-4L	Steel	0-100#	Pressure	4-1/2"	1/4 Lower	100	36.67
PG1602-4L	Steel	0-160#	Pressure	2"	1/4 Lower	100	16.85
PG16025-4L	Steel	0-160#	Pressure	2 1/2"	1/4 Lower	100	19.05
PG2002-4L	Steel	0-200#	Pressure	2"	1/4 Lower	100	16.85
PG2002-4B	Steel	0-200#	Pressure	2"	1/4 Back	100	20.60
PG2002-8L	Steel	0-200#	Pressure	2"	1/8 Lower	100	16.85
PG20025-4L	Steel	0-200#	Pressure	2-1/2"	1/4 Lower	100	19.05
PG20035-4L	Steel	0-200#	Pressure	3-1/2"	1/4 Lower	100	26.79
PG20045-4L	Steel	0-200#	Pressure	4-1/2"	1/4 Lower	100	36.67
PG3002-4L	Steel	0-300#	Pressure	2"	1/4 Lower	100	16.85
PG3002-8L	Steel	0-300#	Pressure	2"	1/8 Lower	100	16.85
PG3002-8B	Steel	0-300#	Pressure	2"	1/8 Back	100	20.60
PG30025-4L	Steel	0-300#	Pressure	2-1/2"	1/4 Lower	100	19.05
PG30035-4L	Steel	0-300#	Pressure	3-1/2"	1/4 Lower	100	26.79
PG30045-4L	Steel	0-300#	Pressure	4-1/2"	1/4 Lower	100	36.67
PG4002-4L	Steel	0-400#	Pressure	2"	1/4 Lower	100	16.85
PG40025-4L	Steel	0-400#	Pressure	2-1/2"	1/4 Lower	100	19.05
VG302-4L	Steel	30 Hg"	Vacuum	2"	1/4 Lower	100	17.86
VG302-4B	Steel	30 Hg"	Vacuum	2"	1/4 Back	100	21.55
VG302-8L	Steel	30 Hg"	Vacuum	2"	1/8 Lower	100	17.86
VG3025-4L	Steel	30 Hg"	Vacuum	2-1/2"	1/4 Lower	100	20.06
VG3045-4L	Steel	30 Hg"	Vacuum	4-1/2"	1/4 Lower	100	37.62
CG3102-4L	Steel	30 Hg"/160#	Vacuum/Pressure	2"	1/4 Lower	100	17.86
CG31025-4L	Steel	30 Hg"/160#	Vacuum/Pressure	2-1/2"	1/4 Lower	100	20.06
CG36045-4L	Steel	30 Hg"/60#	Vacuum/Pressure	4 1/2"	1/4 Lower	100	37.62
CG31045-4L	Steel	30 Hg"/160#	Vacuum/Pressure	4-1/2"	1/4 Lower	100	37.62



Pressure Gauges - Liquid Filled



ILPG Series

ILPG Series Liquid Filled Pressure Gauge Features:

- Stainless steel case
- Glycerine Filled
- Phosphor bronze bourdon tube
- Accuracy +/- 3-2-3%
- Crimped stainless steel ring
- For use in high vibration, corrosion situations
- NL suffix denotes NO LEAD gauge
- Imported.

Part Number	Case	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price
ILPG3025-4L	Stainless Steel	0-30#	Pressure	2 1/2"	1/4 Lower	50	\$ 15.18
ILPG6025-4L	Stainless Steel	0-60#	Pressure	2 1/2"	1/4 Lower	50	15.18
ILPG10025-4L	Stainless Steel	0-100#	Pressure	2 1/2"	1/4 Lower	50	15.18
ILPG16025-4L	Stainless Steel	0-160#	Pressure	2 1/2"	1/4 Lower	50	15.18
ILPG20025-4L	Stainless Steel	0-200#	Pressure	2 1/2"	1/4 Lower	50	15.18
ILPG30025-4L	Stainless Steel	0-300#	Pressure	2 1/2"	1/4 Lower	50	15.18
ILPG40025-4L	Stainless Steel	0-400#	Pressure	2 1/2"	1/4 Lower	50	15.18
ILVG3025-4L	Stainless Steel	0-30 Hg"	Vacuum	2 1/2"	1/4 Lower	100	15.18
ILCG36025-4L	Stainless Steel	30 Hg"/60#	Vacuum/Press	2 1/2"	1/4 Lower	100	15.18
ILPG10025-4LNL	Stainless Steel	0-100#	Pressure	2 1/2"	1/4 Lower	50	16.97
ILPG16025-4LNL	Stainless Steel	0-160#	Pressure	2 1/2"	1/4 Lower	50	16.97
ILPG20025-4LNL	Stainless Steel	0-200#	Pressure	2 1/2"	1/4 Lower	50	16.97
ILPG30025-4LNL	Stainless Steel	0-300#	Pressure	2 1/2"	1/4 Lower	50	16.97



EILPG Series

EILPG Series Liquid Filled Pressure Gauge Features:

- Black steel or stainless steel case
- Glycerine Filled
- Phosphor bronze bourdon tube
- Accuracy +/- 3-2-3%
- 2" Dial face
- Clear acrylic lens
- For use in high vibration situations
- Imported.

Part Number STEEL CASE	Part Number STAINLESS	Range	Type	Dial Size	MIP Conn.	Ctn Qty	List Price STEEL	List Price STAINLESS
EILPG302-4L	EILPG302-4LSS	0-30#	Pressure	2"	1/4" Lower	100	\$ 7.86	\$ 12.04
EILPG602-4L	EILPG602-4LSS	0-60#	Pressure	2"	1/4" Lower	100	7.86	12.04
EILPG1002-4L	EILPG1002-4LSS	0-100#	Pressure	2"	1/4" Lower	100	7.86	12.04
EILPG1002-4B	EILPG1002-4BSS	0-100#	Pressure	2"	1/4" Back	100	7.86	12.88
EILPG1002-8B	EILPG1002-8BSS	0-100#	Pressure	2"	1/8" Back	100	7.86	12.88
EILPG1602-4L	EILPG1602-4LSS	0-160#	Pressure	2"	1/4" Lower	100	7.86	12.04
EILPG2002-4L	EILPG2002-4LSS	0-200#	Pressure	2"	1/4" Lower	100	7.86	12.04
EILVG302-4L	EILVG302-4LSS	0-30 Hg"	Vacuum	2"	1/4" Lower	100	9.46	12.99



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Specialty Pressure Gauges



PG45-WL

PG45-WL Water Level Gauge Features:

- 4 1/2" face with rotating dial, steel case and glass lens.
- Brass pointer with black finish.
- Brass movement.
- Range 0-390' H₂O.
- Bourdon tube-phosphor bronze, soft soldered.
- Connection: 1/4" NPT, lower mount, brass.
- Accuracy: +/- 3-2-3%

Part Number	Size	Description	MIP Conn.	Ctn Qty	List Price
PG45-WL	4 1/2"	0 - 390' Water Level	1/4" lower	1	\$ 216.50



PTG1002

Pressure Test Gauge Features:

- 0-100 psi, 2" plastic lens.
- Brass test fitting with pressure release button.
- Heavy rubber boot to protect gauge from damage.

Part Number	Size	Pressure Setting/Description	Ctn Qty	List Price
PTG1002	2" case	0-100# Pressure test gauge		10.54



WTG300

Water Test Gauge Features:

- Quick, easy method to test a wide range of pressure systems for leakage.
- 0-300#, 2 1/2" dial face, steel case pressure gauge with plastic lens.
- 3 psi increments.
- With standard 3/4" FGHT swivel garden hose connection with rubber washer.
- Attach to hose bibbs, boiler drains and lawn faucets for pressure testing.
- Individually cartoned.
- Imported.

Part Number	Size	Pressure Setting/Description	Ctn Qty	List Price
WTG300	2 1/2"	0-300# water test gauge, fght	50	\$ 9.82



GTG Series

Gas Test Gauge Features:

- Quick, easy means of pressurizing and monitoring gas systems for leakage.
- Completely assembled - brass hex manifold, air valve with plastic cap and 2" dial face, steel case pressure gauge with plastic lens.
- Manifold also available separately: 3/4" fpt connection with 1/4" fpt gauge tap and 1/8" fpt air valve tap.
- Available in 15, 30, 60 and 100 psi.
- Individually cartoned.
- Imported.

Part Number	Pressure Setting/Description	Ctn Qty	List Price
GTG15	15# Gas test gauge, 3/4" fpt	50	\$ 9.29
GTG30	30# Gas test gauge, 3/4" fpt	50	9.29
GTG60	60# Gas test gauge, 3/4" fpt	50	9.29
GTG100	100# Gas test gauge, 3/4" fpt	50	9.29
GTM3/4	Gas test manifold	50	4.72



GTM3/4



Pitless Adapters - Bronze



PT800



PT825



PT3000



PT900



PT700 & PT725



BWS75-100

Pitless Adapter Features:

- Cast from bronze to insure long life and durability in the most aggressive well conditions.
- PT800 supports installations up to 900 lbs.
- PT825 and PT900 support installations up to 2,000 lbs.
- PT3000 supports installations up to 5000 lbs.
- Extended casing nipple makes installation easy.
- Rubber inner and outer casing gaskets for certified & approved water tight seal from ground water contamination.
- Built-in lowering eyelet for easier installation.
- All PT Series pitless adapters are individually boxed.
- PT800, 825, 900, and 3000 are imported.
- All PT Series adapters are certified and approved watertight to PAS-97 standards.



Bronze Drain and Wire Fitting Features:

- Cast from bronze to insure long life and durability in the most aggressive well conditions.
- Fastens to well casing to provide tapping for well drain, electrical conduit, bulkhead fittings & other related uses.
- Rubber gasket seals out ground water contamination.

Part Number	Drop Pipe Size	Nominal Well Casing	Casing Hole Opening	Max Load Capacity lbs.	Ctn Qty	List Price
PT800	1"	5" through 8"	1 3/4"	900	10	\$ 36.61
PT700	1"	5" through 12"	1 3/4"	5,000	10	81.64
PT825	1-1/4"	5" through 8"	2 1/4"	2,000	10	54.68
PT725	1-1/4"	5" through 12"	2 1/8"	5,000	10	124.85
PT3000	2"	5 5/8" through 12"	3 1/8"	5,000	4	226.75
PT2000	2"	5 5/8" through 12"	3 1/8"	5,000	4	387.19
PT900	1" & 1-1/4" (2 Hole)	5" through 8"	1 3/4" & 2 1/4"	2,000	1	170.64
PT800 O-Ring	Fits PT800, 825 and 900				100	3.39
BWS75-100	3/4" FPT x 1" MPT	5" through 8"	1 3/8"	—	10	21.25

Weight of Water and Pipe (per foot)

Pipe Size	Pipe Type	Pipe ID	Water Weight	Pipe Weight	Total Weight
1"	125 PSI Polyethylene	1.04"	0.38 lbs.	0.20 lbs.	0.58 lbs.
1 1/4"	125 PSI Polyethylene	1.38"	0.65 lbs.	0.33 lbs.	0.98 lbs.
1"	160 PSI Polyethylene	1.049"	0.38 lbs.	0.26 lbs.	0.64 lbs.
1 1/4"	160 PSI Polyethylene	1.38"	0.65 lbs.	0.43 lbs.	1.08 lbs.
1"	Sch 80 PVC	0.957"	0.31 lbs.	0.40 lbs.	0.71 lbs.
1 1/4"	Sch 80 PVC	1.278"	0.56 lbs.	0.55 lbs.	1.11 lbs.
1 1/2"	Sch 80 PVC	1.5"	0.77 lbs.	0.66 lbs.	1.43 lbs.
2"	Sch 80 PVC	1.939"	1.28 lbs.	0.92 lbs.	2.20 lbs.
1"	Steel	1.049"	0.38 lbs.	1.68 lbs.	2.06 lbs.
1 1/4"	Steel	1.38"	0.65 lbs.	2.28 lbs.	2.93 lbs.
1 1/2"	Steel	1.61"	0.88 lbs.	2.73 lbs.	3.61 lbs.
2"	Steel	2.067"	1.45 lbs.	3.68 lbs.	5.13 lbs.

Pitless Adapters - Clear hole, Snap-on



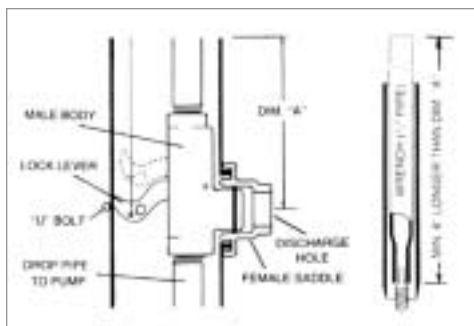
BA Series

Features:

- CLEAR CASING DESIGN - no internal obstructions.
- Self -supporting (750 lbs / 300' of 1" iron pipe).
- 300 series stainless steel spring, pivot pin, pull cable, U-bolt, washers, nuts and extra wide backing strap.
- Built-in safety features should spring or cable fall.
- Available in combination with conduit or watertight caps.
- Quality American made bronze.
- Easy to install.
- All BA Series pitless adapters and BA-SC combination units are certified and approved watertight to PAS-97 Standards. ☺



Part Number	Description	Nominal Well Size"	Casing O.D."	Drop Pipe"	Ctn Qty	List Price
BA4-100 ☺	Pitless Adapter Only	4	4 1/2	1	1	\$ 153.04
BA4-100C	With C4 Alum Conduit Cap	4	4 1/2	1	1	182.17
BA4-100SC ☺	With SC4 ABS/Alum Cap	4	4 1/2	1	1	195.18
BA4-100WT	With AWTC4 Alum Cap	4	4 1/2	1	1	203.07
BA4-125 ☺	Pitless Adapter Only	4	4 1/2	1 1/4	1	158.41
BA4-125C	With C4 Alum Conduit Cap	4	4 1/2	1 1/4	1	178.49
BA4-125SC ☺	With SC4 ABS/Alum Cap	4	4 1/2	1 1/4	1	195.58
BA4-125WT	With AWTC4 Alum Cap	4	4 1/2	1 1/4	1	227.32
BA45-100 ☺	Pitless Adapter Only	4 1/2 SDR17	4.95	1	1	156.45
BA45-100SC ☺	With SC45 ABS/Alum Cap	4 1/2 SDR17	4.95	1	1	206.39
BA45-125 ☺	Pitless Adapter Only	4 1/2 SDR17	4.95	1 1/4	1	161.72
BA45-125SC ☺	With SC45 ABS/Alum Cap	4 1/2 SDR 17	4.95	1 1/4	1	202.01
BA5-100 ☺	Pitless Adapter Only	5	5 9/16	1	1	156.72
BA5-100SC ☺	With SC5 ABS/Alum Cap	5	5 9/16	1	1	206.00
BA5-125 ☺	Pitless Adapter Only	5	5 9/16	1 1/4	1	168.77
BA5-125SC ☺	With SC5 ABS/Alum Cap	5	5 9/16	-1/4	1	208.71



Installation Instructions

Note: Apply lubricant to o-ring on male member of body & female portion of saddle.

1. Cut 2 1/4" diameter discharge hole in casing with a 2 1/4" hole saw. Attach saddle and U-bolt.
2. File notch in top of casing above discharge hole for alignment and for easy reinstallation if pump must be pulled later.
3. Assemble pump and drop pipe to body and lower into casing with 1" support pipe longer than dim A.

Note: Make sure male member snaps completely into female portion of saddle.

4. Remove 1" support pipe and attach cap.



Well Caps - Cast Iron, Plastic



WC Series

WC SERIES Cast Iron Watertight Well Cap Features:

- WC6 fits 6" and 6-1/4" I.D. 6 5/8" OD well casing.
- WC625 fits SDR27.6 6 1/4" ID PVC well casing, up to 6.9" OD well casing.
- 1" or 1 1/4" IPS conduit tap.
- Heavy cast iron body.
- Wide gasket provides positive watertight seal.
- Factory installed screen vents.
- Blue paint finish.
- Includes all hardware.
- Individually packaged.
- All WC Series well caps are certified and approved watertight to PAS-97 standards
- Imported



WTC6

WTC6 Plastic Watertight Cap Features:

- Watertight, vermin proof.
- Fits 6" ID, 6 5/8" OD well casing
- 1 1/4" IPS conduit tap.
- Hi-impact white thermoplastic resin.
- Especially formulated for outdoor weatherability.
- Stainless steel bolts, washers and nuts are included.
- Factory installed screen vents.
- Made in USA.



C56V

C56V Cast Iron Multi-Size Cap Features :

- Heavy cast iron construction.
- Quick installation.
- Blue paint finish for easy site location.
- Includes bolts.
- Individually packaged.
- Fits 5-5/8" and 6" well casing, Maximum 6 1/8" OD.
- 1" conduit opening.
- Imported.

Custom personalization of the caps above is available. Self adhering, engraved brushed aluminum. Minimum of 24 of one size. One time set-up charge of \$10.00. Allow 2-3 weeks for delivery.

Part Number	Material	Nominal Well Casing	Maximum Casing OD	Conduit Tap	Master Ctn Qty	List Price
WC6	Cast Iron	6" and 6 1/4"	6 5/8"	1"	6	\$ 41.96
WC6-11/4	Cast Iron	6" and 6 1/4"	6 5/8"	1 1/4"	6	43.73
WC625	Cast Iron	6 1/4" SDR27.6 PVC	6.9"	1"	6	66.37
WC625-11/4	Cast Iron	6 1/4" SDR27.6 PVC	6.9"	1 1/4"	6	66.37
WTC6	Plastic	6"	6 5/8"	1 1/4"	6	48.18
C56V	Cast Iron	5-5/8" , 6", 6 1/4"	6 5/8"	1"	6	15.54

Well Caps - Cast Aluminum



AWTC Series



AWTC-T Series



SC Series



C Series

AWTC-Series Watertight Vermin- Proof Cap Features:

- Cast aluminum for strength and weather resistance.
- All stainless bolts and ground screws.
- Molded 3/16" gasket.

SC-Series Watertight Cap Features:

- For use on plastic casing only.
- Injection molded ABS & grade 319 aluminum, can be solvent welded directly to PVC well casing.
- Stainless steel nuts, bolts & screened vent, plus gasket.
- All SC Series well caps are certified and approved watertight to PAS-97 Standards.

C-Series Standard Conduit Cap Features:

- For use on steel or plastic casing.
- Stainless steel set screws.

Custom personalization available - minimum of 50 of one size. Add "P" suffix. to part number. One time set-up charge of \$20.00. Allow 2-3 weeks for delivery.

Part Number	Nominal Well Casing Size	Casing O.D.	Conduit Conn.	Vent Size	Weight	Ctn Qty	List Price
Aluminum Watertight Vermin-Proof Well Cap							
AWTC4	4"	4 1/2"	1"	1"	2.2	25	\$ 55.04
AWTC45 ☺	4 1/2"	5"	1"	1"	2.7	20	68.44
AWTC5	5"	5 9/16"	1"	1"	2.4	20	59.77
AWTC55 ☺	5 1/2"	6"	1"	1"	3.1	15	72.74
AWTC6	6"	6 5/8"	1 1/4"	1"	2.8	15	63.12
AWTC7 ☺	6 1/2"	7"	1 1/4"	1"	3.1	1	94.46
AWTC8	8"	8 5/8"	1 1/4"	1"	4.3	1	145.16
AWTC10	10"	10 3/4"	2"	1" (2)	9.0	1	635.82
AWTC12	12"	12 3/4"	2"	1" (2)	11.0	1	1245.05
☺ Fits Whitewater pitless units							
Aluminum Watertight Vermin-Proof Well Cap w/ 1-1/4" Top Tap for use w/ pellet chlorinators							
AWTC45T ☺	4 1/2"	5"	1"	1"	2.7	20	82.27
AWTC55T ☺	5 1/2"	6"	1"	1"	3.1	15	89.88
AWTC6T	6"	6 5/8"	1"	1"	2.8	15	78.41
AWTC8T	8"	8 5/8"	1 1/4"	1"	4.3	1	161.53
☺ Fits Whitewater pitless units							
Aluminum/ABS Combination Watertight Well Cap							
SC4	4"	4 1/2"	1 "		1.5	12	32.07
SC45	4 1/2"	4.95"	1 "		1.7	15	37.43
SC5	5"	5 9/16"	1 "		2.3	10	42.79
SC6	6"	6 5/8"	1"		2.5	8	48.14
SC614	6 1/4"	6.9"	1"		2.5	12	63.80
Standard Ventilated Cap with Conduit Opening							
C4	4"	4 1/2"	1 5/16"		1.6	30	24.44
C5	5"	5 9/16"	1 5/16"		2.0	16	31.32
C6	6"	6 5/8"	1 5/16"		2.3	14	33.61
C7	7"	7 5/8"	1 5/16"		2.9	1	55.55
C8	8"	8 5/8"	1 5/16"		3.4	1	60.09





PSWS

PSWS and PJWS Series Features:

- Well seals are molded from high impact ABS for extra strength.
- Exclusive design of extra thick (1-1/4") PVC gland enables the sanitary sealing of a wide range of casing sizes.
- Zinc plated steel bolts.

Part Number	Fits Well Casing ID	Well Casing ID Size Range	Drop Pipe Size	Conduit Tap IPS	Vent Tap IPS	Weight	Ctn Qty	List Price
Single Hole								
PSWS2x1	2"	2"	1"	—	—	.25 lbs	24	\$ 11.98
PSWS4xBLANK	4"	4 - 4 1/4"	blank	3/4"	3/8"	1.5 lbs.	10	18.09
PSWS4x1	4"	4 - 4 1/4"	1"	3/4"	1/2"	1.5 lbs.	10	18.09
PSWS4x11/4	4"	4 - 4 1/4"	1 1/4"	3/4"	1/2"	1.5 lbs.	10	18.09
PSWS4x11/2	4"	4 - 4 1/4"	1 1/2"	3/4"	1/2"	1.5 lbs.	10	18.09
PSWS4x2	4"	4 - 4 1/4"	2"	3/4"	1/2"	1.5 lbs.	10	18.09
PSWS41/2x1	4 1/2"	4 3/8 - 4 7/8"	1"	3/4"	1/2"	1.75 lbs.	10	20.11
PSWS41/2x11/4	4 1/2"	4 3/8 - 4 7/8"	1 1/4"	3/4"	1/2"	1.75 lbs.	10	20.11
PSWS5xBLANK	5"	4 7/8 - 5 1/4"	blank	3/4"	1/2"	2.0 lbs.	10	27.38
PSWS5x1	5"	4 7/8 - 5 1/4"	1"	3/4"	1/2"	2.0 lbs.	10	27.38
PSWS5x11/4	5"	4 7/8 - 5 1/4"	1 1/4"	3/4"	1/2"	2.0 lbs.	10	27.38
PSWS5x11/2	5"	4 7/8 - 5 1/4"	1 1/2"	3/4"	1/2"	2.0 lbs.	10	27.38
PSWS5x2	5"	4 7/8 - 5 1/4"	2"	3/4"	1/2"	2.0 lbs.	10	27.38
PSWS51/2xBLANK	5 1/2"	5 3/8 - 5 7/8"	blank	3/4"	1/2"	2.25 lbs.	10	28.65
PSWS51/2x1	5 1/2"	5 3/8 - 5 7/8"	1"	3/4"	1/2"	2.25 lbs.	10	28.65
PSWS51/2x11/4	5 1/2"	5 3/8 - 5 7/8"	1 1/4"	3/4"	1/2"	2.25 lbs.	10	28.65
PSWS51/2x11/2	5 1/2"	5 3/8 - 5 7/8"	1 1/2"	3/4"	1/2"	2.25 lbs.	10	28.65
PSWS51/2x2	5 1/2"	5 3/8 - 5 7/8"	2"	3/4"	1/2"	2.25 lbs.	10	28.65
PSWS6xBLANK	6"	5 7/8 - 6 1/4"	blank	3/4"	1/2"	3.0 lbs.	10	26.66
PSWS6x1	6"	5 7/8 - 6 1/4"	1"	3/4"	1/2"	3.0 lbs.	10	26.66
PSWS6x11/4	6"	5 7/8 - 6 1/4"	1 1/4"	3/4"	1/2"	3.0 lbs.	10	26.66
PSWS6x11/2	6"	5 7/8 - 6 1/4"	1 1/2"	3/4"	1/2"	3.0 lbs.	10	26.66
PSWS6x2	6"	5 7/8 - 6 1/4"	2"	3/4"	1/2"	3.0 lbs.	10	26.66
PSWS61/4xBLANK	6 1/4"	6 1/4 - 6 1/2"	blank	3/4"	1/2"	3.25 lbs.	10	27.38
PSWS61/4x1	6 1/4"	6 1/4 - 6 1/2"	1"	3/4"	1/2"	3.25 lbs.	10	27.38
PSWS61/4x11/4	6 1/4"	6 1/4 - 6 1/2"	1 1/4"	3/4"	1/2"	3.25 lbs.	10	27.38
PSWS61/4x11/2	6 1/4"	6 1/4 - 6 1/2"	1 1/2"	3/4"	1/2"	3.25 lbs.	10	27.38
PSWS61/4x2	6 1/4"	6 1/4 - 6 1/2"	2"	3/4"	1/2"	3.25 lbs.	10	27.38
PSWS8x1	8"	8 - 8 1/4"	1"	1"	1/2"	5.0 lbs.	8	35.03
PSWS8x11/4	8"	8 - 8 1/4"	1 1/4"	1"	1/2"	5.0 lbs.	8	35.03
PSWS8x2	8"	8 - 8 1/4"	2"	1"	1/2"	5.0 lbs.	8	35.03
Double Hole								
PJWS4x1x11/4	4"	4 - 4 1/4"	1x1 1/4"	n/a	1/2"	1.5 lbs.	10	18.09
PJWS5x1x11/4	5"	4 7/8 - 5 1/4"	1x1 1/4"	n/a	1/2"	2.0 lbs.	10	26.54
PJWS51/2x1x11/4	5 5/8"	5 3/8 - 5 7/8"	1x1 1/4"	n/a	1/2"	2.5 lbs	10	27.22
PJWS6x1x11/4	6"	5 7/8 - 6 1/4"	1x1 1/4"	n/a	1/2"	3.0 lbs.	10	28.11
PJWS61/4x1x11/4	6 1/4"	6 1/4 - 6 3/8"	1x1 1/4"	n/a	1/2"	3.25 lbs.	10	27.38



Cast Iron Well Seals - Import, Submersible & Jet



SWS Series



JWS Series

Cast Iron Well Seal for Submersible & Jet Pumps Features:

- Highest quality smooth grey-iron castings accurately machined to narrowest tolerances.
- Finest heavy duty 3/4" molded rubber packing gland assures seal regardless of minor imperfections in well casing.
- Corrosion resistant, zinc plated steel bolts, rugged construction provides for maximum torque.
- Long lasting painted finish.
- Complete with electrical conduit kit and plug for SWS and plastic plugs for JWS series.
- Individually cartoned.
- Imported.

Part Number	Well Casing ID	Drop Pipe	Cable Hole Tapping	Vent Tapping	Ctn Qty	List Price
Imported Single Drop Pipe, SPLIT TOP, for submersible pumps (* Fits outside of well casing)						
SWS2X1	2"	1"	-	1/8"	50	\$ 14.07
SWS2X11/4 *	2"	1 1/4"	-	1/8"	50	18.54
SWS3X1	3"	1"	3/8"	1/8"	16	12.43
SWS3X11/4	3"	1 1/4"	1/8" (2)	1/8"	16	12.43
SWS4X1	4"	1"	3/4"	1/2"	12	18.96
SWS4X11/4	4"	1 1/4"	3/4"	1/2"	12	18.96
SWS4X11/4S	4"	1 1/4" center	3/4"	1/4"	12	18.96
SWS4X11/2	4"	1 1/2"	3/4"	1/4"	12	18.96
SWS4X2	4"	2"	1/2"	1/4"	12	18.96
SWS4X2 SOLID	4"	2"	3/4"	1/2"	12	20.86
SWS41/4X1	4 1/4"	1"	3/4"	1/2"	12	18.96
SWS41/4X11/4	4 1/4"	1 1/4"	3/4"	1/2"	12	18.96
SWS5X1	5"	1"	1"	1/2"	6	24.39
SWS5X11/4	5"	1 1/4"	1"	1/2"	6	24.39
SWS5X2	5"	2"	3/4"	1/2"	6	24.39
SWS55/8X1	5 5/8"	1"	3/4"	1/2"	6	28.04
SWS6X1	6"	1"	1"	1/2"	6	28.86
SWS6X11/4	6"	1 1/4"	1"	1/2"	6	28.86
SWS6X11/2	6"	1 1/2"	1"	1/2"	6	28.86
SWS6X2	6"	2"	1"	1/2"	6	28.86
SWS6X3 SOLID	6"	3"	1"	1/2"	6	31.75
SWS6BLANK	6"	-	-	-	6	32.43
SWS61/4X1	6 1/4"	1"	1"	1/2"	6	28.86
SWS61/4X11/4	6 1/4"	1 1/4"	1"	1/2"	6	28.86
Imported Two Hole Drop Pipe, SPLIT TOP, for jet pumps						
JWS3X1X3/4	3"	1" X 3/4"		1/8"	16	12.43
JWS4x11/4x1	4"	1 1/4" x 1"		1/2"	12	18.96
JWS5X11/4X1	5"	1 1/4" X 1"		1/2"	6	24.39
JWS55/8X11/4X1	5 5/8"	1 1/4" X 1"		1/2"	6	28.04
JWS6x11/4x1	6"	1 1/4" x 1"		1/2"	6	28.86
JWS61/4x11/4x1	6 1/4"	1 1/4" x 1"		1/2"	6	28.86



Cast Iron Well Seals - Domestic, Submersible



Cast Iron Well Seal for Submersible Pump Features:

- Highest quality smooth grey-iron castings accurately machined to narrowest tolerances.
- Finest heavy duty 3/4" molded rubber packing gland assures seal regardless of minor imperfections in well casing.
- Corrosion resistant, zinc plated steel bolts, rugged construction provides for maximum torque.
- Long lasting painted finish.
- Made in U.S.A.
- Individually cartoned.



Part Number	Simmons Part No.	Well Casing ID	Drop Pipe	Cable Hole Tapping	Vent Tapping	Ctn Qty	List Price
Domestic Single Drop Pipe, Split Top, for submersible pump (* Fits outside of well casing)							
2x3/4SCH	106	2"	3/4"	—	—	1	\$ 25.62
2x1SCH	107	2"	1"	1/8"	1/8"	1	25.62
2x1 1/4SCH *	045	2"	1 1/4"	1/8"	1/8"	1	30.51
3x1SCH	108	3"	1"	3/8"	1/8"	6	30.48
3x1 1/4SCH	109	3"	1 1/4"	1/8" (2) drilled	1/8"	6	30.48
4BLANK (SOLID)		4"	—	—	—	6	30.21
4x3/4SCH	110	4"	3/4"	3/4"	1/2"	6	30.21
4x1SCH	110	4"	1"	3/4"	1/2"	6	28.40
4x1 1/4SCH	112	4"	1 1/4"	3/4"	1/4"	6	28.40
4x1 1/2SCH	113	4"	1 1/2"	3/4"	1/4"	6	29.12
4x2SCH	114	4"	2"	1/2"	1/4"	6	29.12
4 1/4x1SCH	116	4 1/4"	1"	3/4"	1/2"	6	28.40
4 1/4x1 1/4SCH	117	4 1/4"	1 1/4"	3/4"	1/2"	6	28.40
4 1/2x1SCH	165	4 1/2"	1"	3/4"	1/2"	6	41.49
4 1/2x1 1/4SCH	166	4 1/2"	1 1/4"	3/4"	1/2"	6	41.49
5x1SCH	121	5"	1"	1"	1/2"	6	43.50
5x1 1/4SCH	122	5"	1 1/4"	1"	1/2"	6	43.50
5x1 1/2SCH	123	5"	1 1/2"	1"	1/2"	6	43.50
5x2SCH	124	5"	2"	3/4"	1/2"	6	43.50
5 5/8x1SCH	131	5 5/8"	1"	3/4"	1/2"	6	46.13
5 5/8x1 1/4SCH	132	5 5/8"	1 1/4"	3/4"	1/2"	6	46.13
5 5/8x1 1/2SCH	133	5 5/8"	1 1/2"	3/4"	1/2"	6	46.13
5 5/8x2SCH	134	5 5/8"	2"	3/4"	1/2"	6	46.13
6BLANK (SOLID)	313B	6"	—	—	- -	6	46.63
6x3/4SCH	135	6"	3/4"	1"	1/2"	6	45.98
6x1SCH	136	6"	1"	1"	1/2"	6	46.16
6x1 1/4SCH	137	6"	1 1/4"	1"	1/2"	6	46.16
6x1 1/2SCH	138	6"	1 1/2"	1"	1/2"	6	46.63
6x2SCH	139	6"	2"	1"	1/2"	6	46.63
6x2 1/2SCH	020	6"	2 1/2"	1"	1/2"	6	46.63

Cast Iron Well Seals - Domestic, Submersible



Simmons

Part Number	Simmons Part No.	Well Casing ID	Drop Pipe	Cable Hole Tapping	Vent Tapping	Ctn Qty	List Price
Domestic Single Drop Pipe, Split Top, for submersible pumps, continued							
61/4x3/4SCH	140	6 1/4"	3/4"	1"	1/2"	6	\$ 46.16
61/4x1SCH	141	6 1/4"	1"	1"	1/2"	6	46.16
61/4x11/4SCH	142	6 1/4"	1 1/4"	1"	1/2"	6	46.16
61/4x11/2SCH	143	6 1/4"	1 1/2"	1"	1/2"	6	46.63
61/4x2SCH	144	6 1/4"	2"	1"	1/2"	6	46.63
65/8x1SCH	145	6 5/8"	1"	3/4"	1/2"	6	59.89
65/8x11/4SCH	146	6 5/8"	1 1/4"	3/4"	1/2"	6	59.89
65/8x11/2SCH	147	6 5/8"	1 1/2"	3/4"	1/2"	6	59.89
65/8x2SCH	148	6 5/8"	2"	3/4"	1/2"	6	59.89
8x1SCH	196	8"	1"	1"	1/2"	1	120.14
8x11/4SCH	197	8"	1 1/4"	1"	1/2"	1	120.14
8x11/2SCH	198	8"	1 1/2"	1"	1/2"	1	120.14
8x2SCH	199	8"	2"	1"	1/2"	1	120.14
8x21/2SCH	040	8"	2 1/2"	1"	1/2"	1	120.14
8x3SCH	041	8"	3"	1"	1/2"	1	120.14
8x4SCH	042	8"	4"	1"	1/2"	1	120.14
10x2SCH	004	10"	2"	1"	1/2"	1	177.01
10x21/2SCH	005	10"	2 1/2"	1"	1/2"	1	177.01
10x3SCH	006	10"	3"	1"	1/2"	1	177.01
10x4SCH	007	10"	4"	1"	1/2"	1	177.01
10x5SCH	008	10"	5"	1"	1/2"	1	177.01
12x2SCH	013	12"	2"	1"	1/2"	1	222.81
12x4SCH	016	12"	4"	1"	1/2"	1	222.81
Domestic Single drop pipe, SOLID TOP PLATE, for submersible pump							
440B	301	4"	1"	3/4"	1/2"	6	31.20
440C	049	4"	1-1/4"	3/4"	1/2"	6	31.77
450B	323	5"	1"	3/4"	1/2"	6	44.02
450C	324	5"	1-1/4"	3/4"	1/2"	6	44.02
460B	313	6"	1"	1"	1/2"	6	47.93
460C	314	6"	1-1/4"	1"	1/2"	6	47.93
460D	315	6"	1-1/2"	1"	1/2"	6	48.47
460E	316	6"	2"	1"	1/2"	6	48.47
6x3SCH	021	6"	3" offset	1"	1/2"	6	48.47
6x4SCH	022	6"	4"	1"	1/2"	6	48.47
460X	313B	6"	Blank	1"	1/2"	6	47.93
462B	318	6-1/4"	1"	1"	1/2"	6	47.93
462C	319	6-1/4"	1-1/4"	1"	1/2"	6	47.93
462D	320	6-1/4"	1-1/2"	1"	1/2"	6	48.47
462E	321	6-1/4"	2"	1"	1/2"	6	48.47

• Additional drop pipe sizes for submersible well seals are available by special order. Allow 3 weeks for delivery.



Cast Iron Well Seals - Domestic, Jet



Cast Iron Well Seal for Jet Pump Features:

- Highest quality smooth grey-iron castings accurately machined to narrowest tolerances.
- Finest heavy duty 3/4" molded rubber packing gland assures seal regardless of minor imperfections in well casing.
- Corrosion resistant, zinc plated steel bolts, rugged construction provides for maximum torque.
- Long lasting painted finish.
- Made in U.S.A.
- Individually cartoned.

Part Number	Simmons Part No.	Well Casing ID	Drop Pipe	Vent Tapping	Ctn Qty	List Price
Domestic Two Hole Drop Pipe, SPLIT TOP, for jet pumps						
3x1x3/4DH	149	3"	1 x 3/4"	1/8"	1	\$ 29.91
4x1x3/4DH	150	4"	1 x 3/4"	1/2"	6	28.79
4x1x1DH	151	4"	1 x 1"	1/2"	6	28.18
4x11/4x1DH	152	4"	1 1/4 x 1"	1/2"	6	27.98
4x11/4x11/4DH	153	4"	1 1/4 x 1 1/4"	1/2"	6	28.18
4-1/4x1x1DH	155	4 1/4"	1 x 1"	1/2"	6	28.18
4-1/4x11/4x1DH	156	4 1/4"	1 1/4 x 1"	1/2"	6	27.98
4-1/4x11/4x11/4DH	157	4-1/4"	1 1/4 x 1 1/4"	1/2"	6	28.18
5x1x3/4DH	160	5"	1 x 3/4"	1/2"	6	43.29
5x11/4x1DH	161	5"	1 1/4 x 1"	1/2"	6	43.29
55/8x-11/4x1DH	171	5 5/8"	1 1/4 x 1"	1/2"	6	43.63
55/8x11/4x11/4DH	172	5 5/8"	1 1/4 x 1 1/4"	1/2"	6	43.63
55/8x11/2x11/4DH	173	5 5/8"	1 1/2 x 1 1/4"	1/2"	6	43.63
55/8x2x11/2DH	174	5 5/8"	2 x 1 1/2"	1/2"	6	43.63
6x1x3/4DH	175	6"	1 x 3/4"	1/2"	6	44.55
6x11/4x1DH	177	6"	1 1/4 x 1"	1/2"	6	44.55
6x11/4x11/4DH	178	6"	1 1/4 x 1 1/4"	1/2"	6	44.55
6x11/2x11/4DH	179	6"	1 1/2 x 1 1/4"	1/2"	6	44.55
6x2x11/2DH	180	6"	2 x 1 1/2"	1/2"	6	44.55
61/4x1x3/4DH	181	6 1/4"	1 x 3/4"	1/2"	6	44.55
61/4x1x1DH	182	6 1/4"	1 x 1"	1/2"	6	44.55
61/4x11/4x1DH	183	6 1/4"	1 1/4 x 1"	1/2"	6	44.55
61/4x11/4x11/4DH	184	6 1/4"	1 1/4 x 1 1/4"	1/2"	6	44.55
61/4x11/2x11/4DH	185	6 1/4"	1 1/2 x 1 1/4"	1/2"	6	44.55
65/8x11/4x1DH	187	6 5/8"	1 1/4 x 1"	1/2"	6	61.95
65/8x11/4x11/4DH	188	6 5/8"	1 1/4 x 1 1/4"	1/2"	6	61.95
8x11/4x1DH	191	8"	1 1/4 x 1"	1/2"	1	116.81
8x11/2x11/4DH	192	8"	1 1/2 x 1 1/4"	1/2"	1	116.81
8x2x11/2DH	194	8"	2 x 1 1/2"	1/2"	1	116.81

• Additional drop pipe sizes for jet well seals are available by special order. Allow 3 weeks for delivery.



CLAYTON MARK®



8662 Series

Clayton Mark No. 359 Well Seal Features:

- Designed to seal well when insufficient room exists between casing and drop pipe.

Simple 3 Step Installation:

1. Place eye bolt clamp on outside of casing.
2. Slip rubber packer cover plate over drop pipe.
3. Tighten eye bolts to compress rubber seal in casing.

Part Number	Inside Diameter	Drop Pipe	Vent Size	Ctn Qty	List Price
No. 359 Well Seals					
8662A	2"	1"	1/8 N.P.S.	BULK	\$ 32.04
8662B	2"	1-1/4"	1/8 N.P.S.	BULK	33.14



Vent Pipe



Vent Seal

Vent Pipe Features:

- Fabricated from 1/2" heavy duty zinc plated steel pipe.
- Includes stainless steel bug screen.
- Use for ventilating wells directly to atmosphere.

Vent Seal Features:

- Fabricated from rugged ABS for sanitary protection.
- 1/2" OD x 4-1/2" long, and is easily installed.

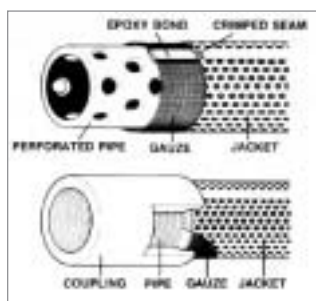
Part Number	Description	Ctn Qty	List Price
Vent Pipe			
VP50	1/2" Zinc Plated Steel	24	\$ 17.41
Vent Seal			
VS50	1/2" Plastic	1	3.82



Drive Well Points



Drive Well Point



Drive Well Point Features:

- Heavy duty ductile iron point to drive into all types of soil.
- Stainless steel jacket and gauze.
- Crimped seam eliminates peeling.
- Epoxy bonding at critical points.
- Locked at both ends.
- Lead free seam.
- Pipe coupling provided.
- Threaded, octagonal shoulder prevents turning while driving.
- Forms large enough hole to allow clearance for pipe couplings.



Part Number	Gauze	Pipe Length	Pipe Size	Ctn Qty	List Price
Drive Points					
SBD2460	60	24	1-1/4"	3	\$ 60.11
SBD3060	60	30	1-1/4"	3	68.89
SBD3660	60	36	1-1/4"	3	75.14
SBD4260	60	42	1-1/4"	3	83.29
SBD4860	60	48	1-1/4"	3	91.43
SBD6060	60	60	1-1/4"	3	112.72
SBD2480	80	24	1-1/4"	3	60.11
SBD3080	80	30	1-1/4"	3	68.89
SBD3680	80	36	1-1/4"	3	75.14
SBD4280	80	42	1-1/4"	3	83.29
SBD4880	80	48	1-1/4"	3	91.43
SBD6080	80	60	1-1/4"	3	112.72
SBD30100	100	30	1-1/4"	3	68.89
SBD36100	100	36	1-1/4"	3	75.14
SBD48100	100	48	1-1/4"	3	91.43
SCD&F3060	60	30	1-1/2"	3	90.17
SCD&F3660	60	36	1-1/2"	3	99.60
SCD&F4260	60	42	1-1/2"	3	113.35
SCD&F4860	60	48	1-1/2"	3	155.69
SCD&F6060	60	60	1-1/2"	3	194.79
SCD&F3080	80	30	1-1/2"	3	90.17
SCD&F3680	80	36	1-1/2"	3	99.60
SCD&F4280	80	42	1-1/2"	3	113.35
SCD&F4880	80	48	1-1/2"	3	155.69
SCD&F6080	80	60	1-1/2"	3	194.79
SDD&F3060	60	30	2"	3	108.97
SDD&F3660	60	36	2"	3	115.25
SDD&F4860	60	48	2"	3	141.54
SDD&F6060	60	60	2"	3	156.67
SDD&F3080	80	30	2"	3	108.97
SDD&F3680	80	36	2"	3	115.25
SDD&F4880	80	48	2"	3	141.54
SDD&F6080	80	60	2"	3	156.67

Drive Well Points



Flush Well Point



Combination Well Point

Flush Well Point Features:

- Same as drive well points plus:
- Designed to pass through well casing & drive shoe into water bearing sand & gravel.
- Pipe coupling is designed to catch in a closed-pattern drive shoe.
- Beveled edges on point forms a positive grip on jacket, similar to single piece construction.
- Stainless steel jacket & gauze

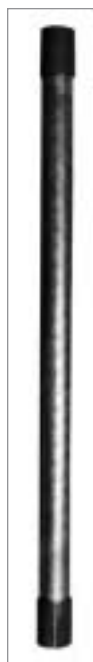
Combination Well Point Features:

- Can be used as a regular well point or as an open end screen.
- Stainless steel jacket & gauze

Part Number	Gauze	Pipe Length	Pipe Size	Ctn Qty	List Price
Flush Well Points					
SBF3660	60	36	1-1/4"	3	\$ 87.21
SBF4260	60	42	1-1/4"	3	94.21
SBF4860	60	48	1-1/4"	3	106.64
SBF3680	80	36	1-1/4"	3	87.21
SBF4280	80	42	1-1/4"	3	94.21
SBF4880	80	48	1-1/4"	3	106.64
SBF48100	100	48	1-1/4"	3	106.64
Combination Well Points					
SBC2460	60	24	1-1/4"	3	69.36
SBC3060	60	30	1-1/4"	3	84.82
SBC3660	60	36	1-1/4"	3	91.39
SBC4260	60	42	1-1/4"	3	98.69
SBC4860	60	48	1-1/4"	3	111.71
SBC6060	60	60	1-1/4"	3	127.19
SBC36100	100	36	1-1/4"	3	91.39
SBC48100	100	48	1-1/4"	3	111.71



Well Screens and Accessories



Open End
Screen

Open End Screen Features:

- Provides additional strainer surface when coupled to any other well point.
- May be used with a plug in one end as suction pipe strainer in a well, lake or stream.
- Can be used with backwash valve to jet drive in soft soils.
- Additional screens may be joined together for desired length.

Part Number	Gauze	Pipe Length	Pipe Size	Ctn Qty	List Price
Open End Screens					
SBO3060	60	30	1 1/4"		\$ 68.55
SBO3660	60	36	1 1/4"		75.16
SBO4860	60	48	1 1/4"		89.38
SBO6060	60	60	1 1/4"		110.03
SBO3080	80	30	1 1/4"		68.55
SBO3680	80	36	1 1/4"		75.16
SBO4880	80	48	1 1/4"		89.38
SBO6080	80	60	1 1/4"		110.03
SCO3660	60	36	1 1/2"		89.59
SCO6060	60	60	1 1/2"		188.34
SCO3680	80	36	1 1/2"		89.59
SCO6080	80	60	1 1/2"		188.34
SDO3660	60	36	2"		115.18
SDO6060	60	60	2"		187.26
SDO3680	80	36	2"		115.18
SDO6080	80	60	2"		187.26



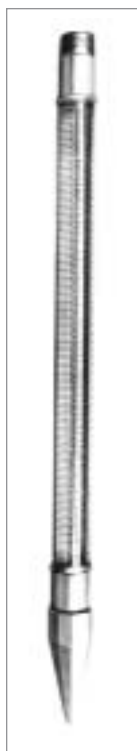
Drive & Flush
Well Point Head

Part Number	Type	Pipe Size	List Price
Well Point Heads			
A1120041	Drive	1-1/4"	\$ 10.74
A1120005	Drive	1-1/2"	15.52
A1120006	Drive	2"	19.02
A1120007	Flush	1-1/4"	13.39





Drive Well Points



I-Series

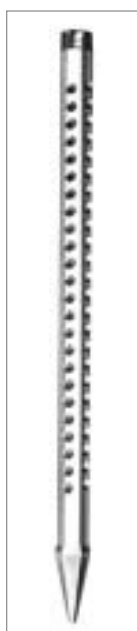
Imperial Series Features:

- Designed to be driven into all types of soil.
- Imperial series are wrapped outside with a stainless steel screen
- Stainless steel jacket over gauze construction is permanently fixed to perforated steel pipe.
- Design allows the passage of all the sand free water the pipe can carry.
- Cast iron drive point head can be removed for easy field extension by coupling together with the second well point for added capacity.



Part No.	Simmons	Pipe Size	Length	Gauze	Ctn Qty	List Price
Imperial with Outer Stainless Steel Gauze						
I90-60	1720-1	1 1/4	24"	60	1	\$ 94.14
I90-80	1726-1	1 1/4	24"	60	1	94.14
I94-60	1721-1	1 1/4	30"	60	1	101.97
I98-60	1722-1	1 1/4	36"	60	1	109.84
I100-60	1723-1	1 1/4	42"	60	1	118.60
I102-60	1724-1	1 1/4	48"	60	1	134.31
I102-80	1730-1	1 1/4	48"	80	1	134.31
I94-80	1727-1	1 1/4	30"	80	1	101.97
I98-80	1728-1	1 1/4	36"	80	1	109.84
I136-60	1740-1	1 1/2	24"	60	1	111.28
I138-60	1741-1	1 1/2	30"	60	1	125.49
I144-60	1742-1	1 1/2	36"	60	1	138.62
I138-80	1746-1	1 1/2	30"	80	1	125.49
I144-80	1747-1	1 1/2	36"	80	1	138.62
I168-60	1752-1	2	36"	60	1	167.30
I172-60	1753-1	2	48"	60	1	216.18
I176-60	1754-1	2	60"	60	1	265.01

Slot Size									
.030	.035	.040	.045	.050	.055	.060	.065	.070	.075
20	30	40	50	60	70	80	90	100	
Gauze/Mesh equivalent									



S-Series

Standard Series Features:

- For use in rocky or sandy soil.
- Standard series are wrapped inside with a stainless steel screen.
- Unique corrosion resistant construction features protect stainless steel gauze held in place between galvanized pipe and a stainless steel liner.
- Self flushing chamfered holes in galvanized pipe eliminate clay or sand build-up, giving maximum water yield with minimum development time.



Part No.	Simmons	Pipe Size	Length	Gauze	Ctn Qty	List Price
Standard Series with Inner Stainless Steel Gauze						
S94-60	1721	1 1/4	30"	60	1	\$ 102.04
S98-60	1722	1 1/4	36"	60	1	109.94
S102-60	1724	1 1/4	48"	60	1	134.31
S94-80	1727	1 1/4	30"	80	1	102.04
S98-80	1728	1 1/4	36"	80	1	109.94
S168-60	1752	2	36"	60	1	167.36
S172-60	1753	2	48"	60	1	216.18
S176-60	1754	2	60"	60	1	265.01



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6/04

1.59

Drive Well Point Supplies



80002C
Sand Shark
Valve

"Sand Shark" Backwash Valves Features:

- Used in soft soil to jet open-end screen to desired depth.
- Thickwalled, cast iron construction with saw teeth to rip through roots and debris.
- Solid ABS ball check keeps sand from entering well when jetting operations are complete.
- Not spring loaded.



8660B
Backwash
Valve

Part Number	Valve Size	Pressure Pipe Tap	Ctn Qty	List Price
80002C	2" NPT Male	1" NPS Left Hand Female	Bulk	\$ 59.34

Part Number	Pipe Size	Description	Ctn Qty	List Price
8660B	2"	No. 19B S/Steel Ball	12	\$ 51.87



434 Series

Turned Coupling Features:

- Used for suspending flush well points or strainers from drive shoes or tubular cylinders.
- Galvanized with standard pipe thread.
- Furnished with right hand pipe threads.
- Thin wall 434J.

Part Number	Rt. Hand Thread Pipe Size	Well Size	Strainer Size	Coupling O.D.	Coupling Length	Ctn Qty	List Price
Turned Couplings							
434J11/4X11/4	1-1/4 x 1-1/4"	2	1"	1 13/16"	2-1/4"	25	\$ 5.89
434-11/4X11/4	1 1/4 X 1 1/4"	2	1 1/4	1 15/16"	2 1/4	25	9.53



DC

Galvanized Drive Coupling Features:

- Heavy pattern with deep recess for shouldering on imperfect threads of well points.
- Assures proper driving of well points and standard pipe.
- Taper tapped, reamed and drifted.

Drive Cap Features:

- Heavy duty forged steel.
- Standard pipe threads.
- Vented on top.
- Imported.



C125

Part Number	Description	Pipe Size	Ctn Qty	List Price
Galvanized Drive Couplings				
DC100	1"	1"	25	13.20
DC125C	1-1/4" (Imported)	1-1/4"	25	6.26
DC150	1-1/2" (Imported)	1-1/2"	25	9.46
DC200	2" (Imported)	2"	15	9.82
Drive Caps				
C125	Heavy Duty Forged Steel	1-1/4"	40	9.46
C200	Heavy Duty Forged Steel	2"	16	18.89



Drive Shoes

Drive Shoe Features:

- Alloy grade seamless stock.
- Special process to strengthen the material before heat treating.
- All drive shoes are heat treated.
- All drive tips are flame hardened for superior driving strength.
- All drive shoes are tested for dimensional accuracy and tip hardness.
- Baked on phosphate coating to protect from corrosion.
- Cable and Rotary style.
- Weld-on and threaded.



7000 Series



7055 Series



7005 Series

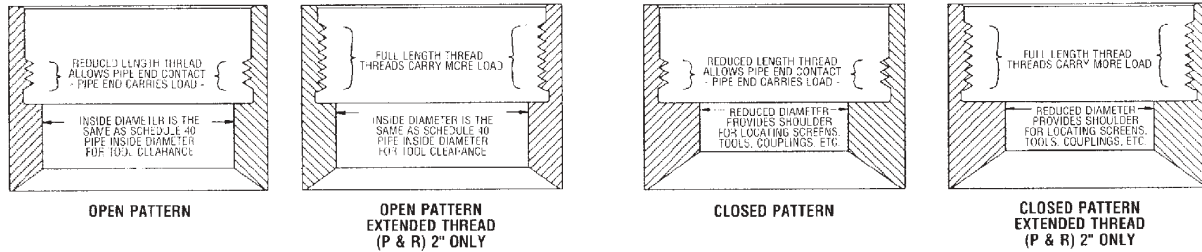


7007 Series

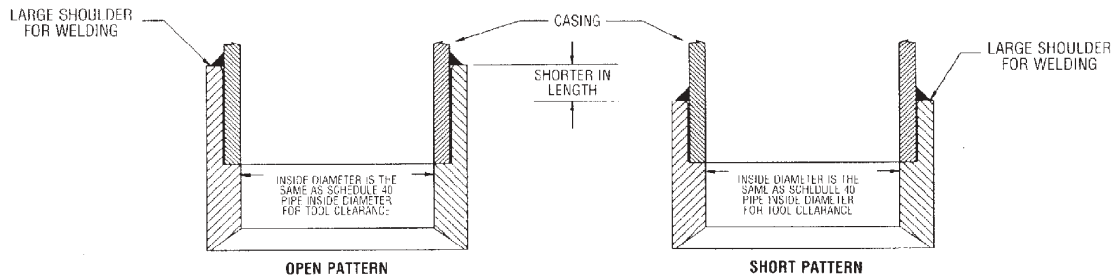
Part Number	Nominal Pipe Size	Description	Ctn Qty	List Price
421 Series Threaded Cable Tool Style				
7000A	2"	421 Open Pattern	28	\$ 27.05
7000C	2"	421 Open Pattern, extended threads (P&R)	28	27.10
7000D	2"	421 CLOSED Pattern, extended threads (P&R)	28	28.89
7000E	3"	421 Open Pattern	12	45.38
7000G	4"	421 Open Pattern	8	53.22
7000L	4"	421L Open Pattern, Large ID (4.231")	8	57.42
7000GL	4"	421 Open Pattern, THIN WALL	8	47.01
7000J	5"	421 Open Pattern	4	82.63
7000K	6"	421 Open Pattern	4	93.57
7000N	6"	421 SHORT Pattern	4	90.24
7059X	8"	421 Open Pattern	1	242.40
7059Y	10"	421 Open Pattern	1	401.42
7059Z	12"	421 Open Pattern	1	551.07
421W Series Weld-On Cable Tool Style				
7055E	3"	421W Open Pattern	12	45.38
7055G	4"	421W Open Pattern	8	53.22
7055GL	4"	421W Open Pattern, THIN WALL	8	47.01
7055J	5"	421W Open Pattern	4	82.63
7055K	6"	421W Open Pattern	4	90.24
7055R	6"	421W SHORT Pattern	4	85.00
7055M	8"	421W Open Pattern	1	242.40
7055N	10"	421W Open Pattern	1	401.42
7055P	12"	421W Open Pattern	1	551.07
421R Series Threaded Rotary Style				
7005A	4"	421R Open Pattern	8	61.34
7005B	5"	421R Open Pattern	4	92.44
7005C	6"	421R Open Pattern	4	93.57
7005H	6"	421R SHORT Pattern	4	90.24
7000RL	6"	421RSPL Open Pattern, Large ID (6.25")	4	93.57
421 RW Series Weld-on Rotary Style				
7007A	4"	421RW Open Pattern	8	58.82
7007C	6"	421RW Open Pattern	4	90.24
7007E	6"	421RW SHORT Pattern	4	85.00
7007EL	6"	421RW SHORT Pattern, Large ID	1	85.00



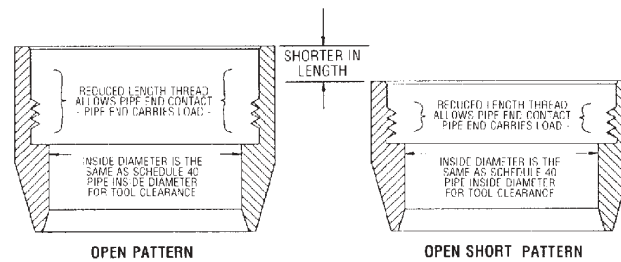
421 SERIES THREADED CABLE TOOL STYLE



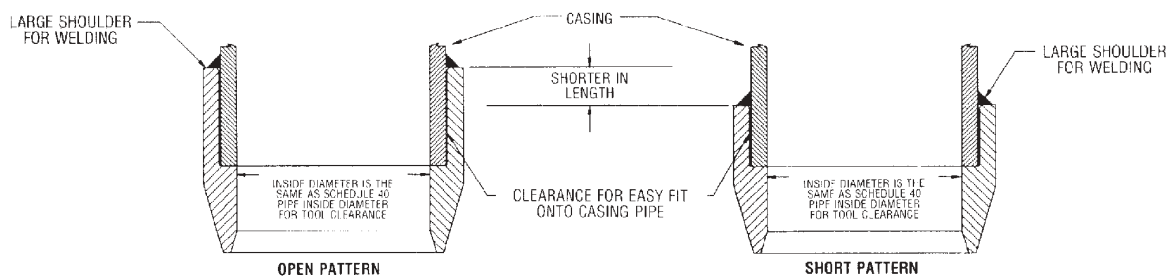
421W SERIES WELD-ON CABLE TOOL STYLE



421R SERIES THREADED ROTARY STYLE



421RW SERIES WELD-ON ROTARY STYLE





Pitcher Pump



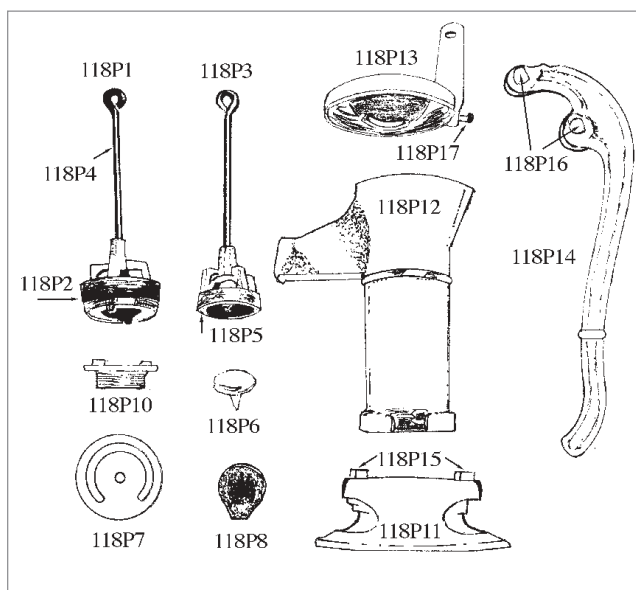
HPP10

Pitcher Pump Features:

- Recommended for shallow pump applications – depth rating up to 30'.
- Easily installed.
- Made of heavy cast iron.
- Dark green hard enamel paint finish.
- Has open spout.
- 15-3/4" high.
- Tapped for 1-1/4" drop pipe.
- 15 lbs.
- Pumps are individually packaged 4 per master carton
- Parts are carton qty 1.

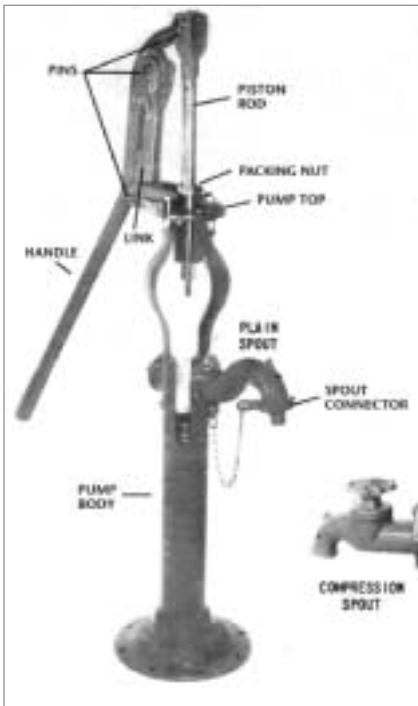
Part Number	Description	List Price
HPP10	Pitcher Pump, Cast Iron, Size #2	\$ 71.25

PITCHER PUMP REPLACEMENT PARTS



Part Number	Description	List Price
118P1	Complete Plunger Assembly (includes *)	35.56
118P2 *	Cup Leather for Plunger only	11.00
118P3	Plunger Rod and Cage (no cup leather)	14.26
118P4 *	Plunger Rod	7.34
118P5 *	Plunger Cage	9.15
118P6 *	Plunger Weight	5.03
118P7	Flat Leather for Base Valve	7.81
118P8	Weight and Screw for Flat Valve	6.54
118P9	Flat Valve Leather and Weight	15.99
118P10 *	Threaded Nut for Plunger Cage	7.26
118P11	Pump Base with Bolts (118P15)	34.10
118P12	Pump Cylinder	38.79
118P13	Pump Top with Set Screw (118P17)	17.48
118P14	Pump Handle with Two Bolts (118P16)	29.34
118P15	3/8 x 1-1/4 Bolts for Pump Base	4.46
118P16	3/8 x 2 bolts for Pump Handle	4.46
118P17	Set Screw for Pump Top	3.81

Hand Pump



Hand Pump Features:

- Suitable for shallow or deep wells up to 175-200 feet when operating a 3" well cylinder in shallow wells. Progressively reduce cylinder size to 1 7/8" or smaller at extreme depths.
- Made of heavy cast iron with 8 bolt mounting base
- Tapped for 1-1/4" NPT connection.
- Plain end spout or compression spout available.
- Chrome plated piston rod with 7/16" threaded end.
- Stainless steel fulcrum and handle pins.
- Pipe, rod and cylinder not included.

Lift Characteristics

Cylinder Size	Force on Handle	Max Lift	Weight Lifted
1 7/8"	40 lbs.	175 ft.	280 lbs.
2"	40 lbs.	160 ft.	280 lbs.
2 1/4"	40 lbs.	131 ft.	280 lbs.
2 1/2"	40 lbs.	108 ft.	280 lbs.
3"	40 lbs.	80 ft.	280 lbs.

Based on a muscular force of 40 lbs. available for continuous pumping by an average individual adult and open delivery through the plain spout. Vigorous pumping through a spout connector or force pumping through piping to a distant point will increase the force required on the handle; increase weight lifted valve (due to addition of head to actual weight); decrease depth from which the force operation may be performed or will require the use of a smaller cylinder if depth must be maintained.

Part Number	Description	List Price
23F	Hand Pump	\$ 1,568.21

See Page 65 for pump rods and couplings.

See Page 66 for A40 Series Cast Iron, Brass Lined cylinders for deep or shallow settings.



Cylinders - All Brass



CLAYTON MARK®



449 B



Replacement
Parts

449B ALL BRASS Features:

- Corrosion resistant, all brass construction.
- Brass tubing offers a smooth working surface and extends the life of the leathers.
- Seamless 13 gauge tubing available
- Open top cylinder, threaded valves screw together for one-step removal.
- No need to pull cylinder to replace inner components.
- Reliable BALL plunger.
- Contains 707/45 series graphite leathers.

449B All Brass

Part Number	Inside Diameter Stroke	Barrel Length	Pipe Size Top/Bottom	Plunger	Smallest Well Cylinder	Capacity Per Stroke Gallons	Cup Leather Sizing O.D.	Hole	List Price
7037H	1-7/8" x 14"	24"	2" x 1-1/4"	5/8"	3"	.1680	1-7/8"	1-5/16"	\$ 314.28
7037R	1-7/8" x 20"	30"	2" x 1-1/4"	5/8"	3"	.2400	1-7/8"	1-5/16"	360.50
7037W	1-7/8" x 26"	36"	2" x 1-1/4"	5/8"	3"	.3120	1-7/8"	1-5/16"	399.68
7037BA	2-1/4" x 13"	24	2-1/2" x 1-1/2"	7/8"	3-1/2"	.2237	2-1/4"	1-1/2"	451.17
7037GA	2-1/4" x 19"	30	2-1/2" x 1-1/2"	7/8"	3-1/2"	.3270	2-1/4"	1-1/2"	480.54
7037LA	2-1/4" x 25"	36	2-1/2" x 1-1/2"	7/8"	3-1/2"	.4303	2-1/4"	1-1/2"	547.40
7037UA	2-3/4" x 12"	24	3" x 2"	7/8"	4-1/2"	.3085	2-3/4"	1-7/8"	659.74
7037ZA	2-3/4" x 18"	30	3" x 2"	7/8"	4-1/2"	.4628	2-3/4"	1-7/8"	736.92
7037EB	2-3/4" x 24"	36	3" x 2"	7/8"	4-1/2"	.6171	2-3/4"	1-7/8"	816.06

449B Replacement Parts

	1-7/8" Part Number	2-1/4" Part Number	2-3/4" Part Number
Plunger assembly w/ leathers	8599A	8599C	8599E
Check assembly w/ leathers	8533C	8533D1	8533E1
Leather for Plunger (707/45) Qty 3	707-221 17/8"x1 5/16"	707-334 21/4x11/2	707-384 23/4x17/8
Leather for Check (702/41) Qty 1	702-216 17/8"x1 5/16"	702-334 21/4x11/2	702-384 23/4x17/8
Barrel Only (less caps) 24"	8334N	8334ZA	8334XC
Barrel Only (less caps) 30"	8334P	8334AB	8334YC
Barrel Only (less caps) 36"	8334R	8334BB	8334ZC
Top Cap	8015C	8015D	8015E
Bottom Cap	8042C	8042D	8042E

Ball Selection Chart 449B Plunger and Checks

Part Number	Plunger & Check Ball Size	Cylinder I. D.
8546B	1-1/16"	1-7/8"
8546D	1-5/16"	2-1/4"
8546E	1-11/16"	2-3/4"

NOTE: PLEASE SEE PAGES 69-71 FOR
REPLACEMENT PART PRICING



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Cylinders - All Brass



442



442 ALL BRASS Features:

- All brass plunger, plain poppet and two leathers.
- Closed flush cap, recommended for all types of working heads and small diameter, shallow wells.
- Perma-Kleen®, Buna N rubber check poppet facing for smooth, quiet operation and tight seal.
- Clearance of two inches is provided between plunger and check.
- Contains 711/44 Series waterproof leathers

442 All Brass

Part Number	Inside Diameter x Stroke	Barrel Length	Pipe Size Top/Bottom	Plunger	Smallest Well Cylinder	Capacity Per Stroke Gallons	Cup Leather Sizing O.D.	Hole	List Price
7027A	1-11/16" x 8"	16"	1" x 1"	7/16"	2"	.0768	1-11/16"	1-3/16"	\$ 270.29
7027B	1-11/16" x 10"	18"	1" x 1"	7/16"	2"	.0960	1-11/16"	1-3/16"	274.47
7027M	1-11/16" x 12"	20"	1" x 1"	7/16"	2"	.1152	1-11/16"	1-3/16"	297.68
7027C	1-13/16" x 8"	16"	1" x 1"	7/16"	2"	.0896	1-13/16"	1-3/16"	225.37
7027D	1-13/16" x 10"	18"	1" x 1"	7/16"	2"	.1120	1-13/16"	1-3/16"	208.85
7027D3	1-13/16" x 12"	20"	1" x 1"	7/16"	2"	.1344	1-13/16"	1-3/16"	186.80
7027E	2" x 8"	16"	11/4" x 11/4"	7/16"	2-1/2"	.1088	2"	1-5/16"	209.00
7027F	2" x 10"	18"	11/4" x 11/4"	7/16"	2-1/2"	.1360	2"	1-5/16"	215.76
7027F1	2" x 12"	20"	11/4" x 11/4"	7/16"	2-1/2"	.1632	2"	1-5/16"	225.23
7027H	2-1/4" x 8"	16"	11/4" x 11/4"	7/16"	3"	.1377	2-1/4"	1-3/8"	242.44
7027J	2-1/4" x 10"	18"	11/4" x 11/4"	7/16"	3"	.1721	2-1/4"	1-3/8"	248.54
7027DA	2-1/4" x 10"	18"	11/2" x 11/4"	7/16"	3"	.1721	2-1/4"	1-3/8"	314.30
7027P2	2-1/4" x 12"	20"	11/4" x 11/4"	7/16"	3"	.2071	2-1/4"	1-3/8"	260.00
7027S3	2-1/2" x 8"	18"	11/4" x 11/4"	7/16"	3"	.1700	2-1/2"	1-5/8"	249.23
7027L	2-1/2" x 10"	20"	11/4" x 11/4"	7/16"	3"	.2125	2-1/2"	1-5/8"	253.73
7027T	2-1/2" x 10"	20"	11/2" x 11/4"	7/16"	3"	.2125	2-1/2"	1-5/8"	284.05
7027T1	2-1/2" x 12"	22"	11/4" x 11/4"	7/16"	3"	.2550	2-1/2"	1-5/8"	291.16
7027FA3	3" x 10"	20"	11/4" x 11/4"	7/16"	3-1/2"	.3060	3"	2-1/8"	359.79
7027U	3" x 10"	20"	2" x 11/4"	7/16"	3-1/2"	.3060	3"	2-1/8"	422.47
7027FA4	3" x 12"	22"	11/4" x 11/4"	7/16"	3-1/2"	.3672	2"	2-1/8"	463.34

442 Replacement Parts

Description	1-11/16" Part Number	1-13/16" Part Number	2" Part Number	2-1/4" Part Number	2-1/2" Part Number	3" Part Number
Plunger Assembly w/ leather	8522A	8522B	8522C	8522D	8522F	8522J
Bottom Cap Check assembly	8853U	8853V	8853W	8853X	8853Z	8853DA
Plunger Poppet	8099B	8099B	8099C	8099D	8099E	8099G
Check Poppet w/Facing	8854A	8854B	8854C	8854D	8854D	8854G
Leather for Plunger (711/44)	711-151	711-198	711-264	711-333	711-358	711-638
2 each required	1-11/16x1-3/16	1-13/16x1-3/16	2x1-5/16	2-1/4x1-3/8	2-1/2x1-5/8	3x2-1/8
Top Caps (tapping) 1"	8248B	8248D	—	—	—	—
Top Caps (tapping) 1-1/4"	—	—	8248E	8248G	8248J	8248R
Top Caps (tapping) 1-1/2"	—	—	—	8248H	8248K	—
Top Caps (tapping) 2"	—	—	—	—	—	8248T
Barrel Only 16"	8333H	8333JA	8333DB	8333ZB	—	—
Barrel Only 18"	8333D	8333LA	8333FB	8333BC	8333NC	—
Barrel Only 20"	8333R	8333NA	8333HB	8333DC	8333PC	8333ND
Barrel Only 22"	—	—	—	—	8333RC	8333PD

NOTE: PLEASE SEE PAGE 69-71 FOR REPLACEMENT PART PRICING.



Cylinders - All Brass Eureka



CLAYTON MARK®



450

450 ALL BRASS EUREKA Features:

- Open top cylinder made for tubular wells and applications where the originally installed cylinder can't be removed.
- All brass valves with Perma-Kleen rubber poppet facings for smooth quiet operation and better seating.
- Threaded valves screw together for easy one-step removal.
- Spring dog holds unit in place until rubber packer is expanded by rotating drill rods.
- Packer creates a seal and anchors cylinder in place.
- Clearance of 2" is provided for operation between plunger and checks.

450 All Brass Eureka Cylinders

Part Number	Size of Well	Inside Diameter of Cylinder	Stroke	Plunger tapped for pipe	Cup Leather Hole Size for Check & Plunger	Capacity per Stroke, Gallons	List Price
7039E	2"	1-13/16"	10"	3/8"	1-3/16"	.1120	\$ 250.69
7039X	2"	1-13/16"	14"	3/8"	1-3/16"	.1570	272.69



Replacement Parts

450 Replacement Parts

Description	Part Number
Check assembly	8515AP
Plunger assembly	8514B
Cylinder Barrel only with end base	
10 Stroke	8520B
14 Stroke	8520F
Cylinder End Base (w/ packer & basering)	8509B
Base Ring	8281N
Rubber Cylinder Packer	8034D
Rubber Check Packer	8036A
Check Poppet w/ facing	8525C
Plunger Poppet	8525D
Plunger Leather 1 13/16 x 1 3/16	707-198
Spring Dog	8513C

NOTE: PLEASE SEE PAGES 69-71 FOR REPLACEMENT PART PRICING.



Seating Tool

451 SEATING TOOL Features:

- Attaches to drill rod string to run and seat the 450 cylinder securely in place.

Part Number	Description	Ctn Qty	List Price
8041A	2" seating tool	1	\$5.52



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A40

A40 CAST IRON, BRASS LINED Features:

- Equipped with all-brass valves and closed outside caps for consistent service.
- Check valve poppet has heavy, Perma-Kleen rubber facings.
- Plunger is same as used on 442 cylinder.

A40 Cast-Iron Brass Lined Cylinders For Deep or Shallow Settings

Part Number	Size and Stroke	Barrel Length	Min Well Size	Drop Pipe	Plunger Rod Size	Capacity / Stroke Gal.	List Price
80725E68	2" x 6"	12"	3-1/2"	1-1/4"	7/16"	.0816	\$ 416.34
80725E69	2" x 10"	16"	3-1/2"	1-1/4"	7/16"	.1360	462.23
80725E71	2 1/4" x 10"	16"	3-1/2"	1-1/4"	7/16"	.1721	496.93
80725E72	2 1/2" x 6"	12"	4"	1-1/4"	7/16"	.1275	470.09
80725E73	2 1/2" x 10"	16"	4"	1-1/4"	7/16"	.2125	521.07
80725E74	3" x 6"	12"	4"	1-1/4"	7/16"	.1836	523.80
80725E75	3" x 10"	16"	4-1/2"	1-1/4"	7/16"	.3060	582.86

A40 Replacement Parts

Description	2" Part Number	2-1/4" Part Number	2-1/2" Part Number	3" Part Number
Cylinder Cap (Top or Bottom)	—	—	70043C	70043D
Leather Packing Ring (2 required, 708/57)	2-1/2 x 1-7/8	2-3/4 x 2-1/8	3 x 2-3/8	3-1/2 x 2-7/8
Plunger Valve	8522C	8522D	8522F	8522J
Check Valve	80724A	80724B	80724C	80724D
Barrel Length 12"	—	—	70039E	70039G
Barrel Length 16"	—	—	70039F	70039H



Cylinder Replacement Parts



CLAYTON MARK®

Product Number	Description	List Price	Page
70039E	A40 2-1/2" x 12" Barrel Only	\$ 201.65	68
70039F	A40 2-1/2" x 16" Barrel Only	254.26	68
70039G	A40 3" x 12" Barrel Only	228.55	68
70039H	A40 3" x 16" Barrel Only	397.02	68
70043C	A40 2-1/2" Cap	45.54	68
70043D	A40 3" Cap	47.37	68
7705A	Poppet Facing for 2" Bremer	6.27	—
8015C	Top Cap 449B 1-7/8"	41.92	65
8015D	Top Cap 449B 2-1/4"	74.36	65
8015E	Top Cap 449B 2-3/4"	102.76	65
8034D	Cylinder Packer Rubber 450/7039	12.24	67
8036A	Check Packer Rubber 450/7039	7.60	67
8041A	Seating Tool for 450 Cylinders	28.45	67
8042C	Bottom Cap 449B 1-7/8"	48.68	65
8042D	Bottom Cap 449B 2-1/4"	83.30	65
8042E	Bottom Cap 449B 2-3/4"	107.78	65
80724A	A40 2" Check Valve	96.70	68
80724B	A40 2-1/4" Check Valve	100.63	68
80724C	A40 2 1/2" Check Valve	112.30	68
80724D	A40 3" Check Valve	114.64	68
8099B	Plunger Poppet 442 1 11/16 & 1 13/16	11.80	66
8099C	Plunger Poppet 442 2"	30.38	66
8099D	Plunger Poppet 442 2-1/4"	31.30	66
8099E	Plunger Poppet 442 2-1/2"	31.39	66
8099G	Plunger Poppet 442 3"	32.33	66
8248B	Top Cap 1" Tap 442 1-11/16"	45.08	66
8248D	Top Cap 1" Tap 442 1-13/16"	33.34	66
8248E	Top Cap 1 1/4" Tap 442 2"	22.07	66
8248G	Top Cap 1 1/4" Tap 442 2-1/4"	24.28	66
8248H	Top Cap 1 1/2" Tap 442 2-1/4"	35.45	66
8248J	Top Cap 1 1/4" Tap 442 2-1/2"	31.62	66
8248K	Top Cap 1 1/2" Tap 442 2-1/2"	29.66	66
8248R	Top Cap 1 1/4" Tap 442 3"	32.53	66
8248T	Top Cap 2" Tap 442 3"	35.64	66
8281N	Brass Base Ring 450/7039	14.42	67
8333BC	Barrel Only 442 2-1/4" x 18"	115.74	66
8333D	Barrel Only 442 1 11/16" x 18"	98.61	66
8333DB	Barrel Only 442 2" x 16"	74.87	66
8333DC	Barrel Only 442 1 1/4" x 20"	107.53	66
8333FB	Barrel Only 442 2 x 18"	83.67	66
8333H	Barrel Only 442 1 11/16" x 16"	95.84	66



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Cylinder Replacement Parts



CLAYTON MARK®

Product Number	Description	List Price	Page
8333HB	Barrel Only 442 2 x 20"	85.96	66
8333JA	Barrel Only 442 1 13/16" x 16"	61.51	66
8333LA	Barrel Only 442 1 13/16 x 18"	69.73	66
8333NA	Barrel Only 442 1 13/16 x 20"	77.65	66
8333NC	Barrel Only 442 2 1/2 x 18"	99.37	66
8333ND	Barrel Only 442 3 x 20"	119.50	66
8333PC	Barrel Only 442 2 1/2 x 20"	100.67	66
8333PD	Barrel Only 442 3" x 22"	132.85	66
8333R	Barrel Only 442 1 11/16" x 22"	113.23	66
8333RC	Barrel Only 442 2 1/2" x 22"	102.67	66
8333ZB	Barrel Only 442 2 1/4 x 16"	104.87	66
8334AB	Barrel Only 449 2 1/4 x 30"	192.21	65
8334BB	Barrel Only 449 2 1/4 x 36"	239.31	65
8334N	Barrel Only 449 1 7/8 x 24"	118.63	65
8334P	Barrel Only 449 1 7/8 x 30"	139.21	65
8334R	Barrel Only 449 1 7/8 x 36"	209.87	65
8334XC	Barrel Only 449 2 3/4 x 24"	177.67	65
8334YC	Barrel Only 449 2 3/4 x 30"	219.52	65
8334ZA	Barrel Only 449 2 1/4 x 24"	181.08	65
8334ZC	Barrel Only 449 2 3/4 x 36"	257.30	65
8509B	Cylinder End Base 450 2"	34.06	67
8513C	Spring Dog 4500 for 450 Cylinder	56.92	67
8514B	Plunger Assembly 450/7039 1 13/16	75.23	67
8515AP	Check Assembly 450/7039 2"	53.06	67
8520B	Cylinder Barrel & Base 7039 10ST	84.72	67
8520F	Cylinder Barrel & Base 7039 14ST	95.19	67
8522A	Plunger Assembly w/ leathers 442 1 11/16"	95.07	66
8522B	Plunger Assembly w/ leathers 442 1 13/16"	78.43	66
8522C	Plunger Assembly w/ leathers 442/ A40 2"	78.38	66, 68
8522D	Plunger Assembly w/ leathers 442/A40 2 1/4"	76.09	66, 68
8522F	Plunger Assembly w/ leathers 442/A40 2 1/2"	87.01	66, 68
8522J	Plunger Assembly w/ leathers 442/A40 3"	111.17	68
8525C	Check Poppet 450 Cylinder	12.99	67
8525D	Plunger Poppet 450 Cylinder	12.99	67
8533C	Check Assembly w/ leathers 449B 1 7/8"	90.72	65
8533D1	Check Assembly w/ leathers 449B 2 1/4"	123.49	65
8533E1	Check Assembly w/ leathers 449B 2 3/4"	208.87	65
8546B	Bronze Ball 449B 1 1/16"	52.45	65
8546D	Bronze Ball 449B 1 5/16"	65.09	65
8546E	Bronze Ball 449B 1 11/16"	102.61	65
8599A	Plunger Assembly w/ leathers 449B 1 7/8"	126.14	65



Cylinder Operating Data



CLAYTON MARK®

Product Number	Description	List Price	Page
8599C	Plunger Assembly w/ leathers 449B 2 1/4"	167.78	65
8599E	Plunger Assembly w/ leathers 449B 2 3/4"	235.52	65
8853DA	Bottom Cap Check Assembly 442 3"	154.34	66
8853U	Bottom Cap Check Assembly 442 1 11/16"	86.69	66
8853V	Bottom Cap Check Assembly 442 1 13/16"	59.77	66
8853W	Bottom Cap Check Assembly 442 2"	77.30	66
8853X	Bottom Cap Check Assembly 442 2 1/4"	76.17	66
8853Z	Bottom Cap Check Assembly 442 2 1/2"	82.33	66
8854A	Check Poppet w/ facing 442 1 11/16"	8.81	66
8854B	Check Poppet w/ facing 442 1 13/16"	12.99	66
8854C	Check Poppet w/ facing 442 2"	13.24	66
8854D	Check Poppet w/ facing 442 2 1/4" & 2 1/2"	23.51	66
8854G	Check Poppet w/ facing 442 3"	54.18	66

Table showing amount of water discharged per stroke by single acting cylinder.
The diameter of cylinder and length of stroke being known.

Dia. of pump cylinder in inches	Length of stroke in inches with capacity per stroke in gallons												Area of circle cylinder sq in
	1	2	3	4	5	6	7	8	10	12	18	24	
1 3/8	.0064	.0128	.0192	.0256	.0320	.0384	.0448	.0512	.0640	.0768	.1152	.1536	1.4849
1 1/2	.0076	.0153	.0229	.0306	.0382	.0459	.0535	.0612	.0765	.0918	.1375	.1832	1.7671
1 5/8	.0090	.0180	.0270	.0360	.0450	.0540	.0630	.0720	.0900	.1080	.1620	.2140	2.0739
1 3/4	.0104	.0208	.0312	.0416	.0512	.0625	.0729	.0833	.1041	.1249	.1872	.2497	2.4053
1 13/16	.0112	.0224	.0336	.0448	.0560	.0672	.0784	.0896	.1120	.1344	.2016	.2688	2.5802
1 7/8	.0120	.0240	.0360	.0480	.0600	.0720	.0840	.0960	.1200	.1440	.2160	.2880	2.7612
1 31/32	.0132	.0263	.0395	.0527	.0659	.0790	.0922	.1054	.1317	.1580	.2371	.3161	3.0440
2	.0136	.0272	.0408	.0544	.0680	.0816	.0952	.1088	.1360	.1632	.2448	.3264	3.1416
2 3/16	.0163	.0325	.0488	.0650	.0812	.0976	.1137	.1300	.1625	.1952	.2928	.3904	3.7584
2 1/4	.0172	.0344	.0516	.0688	.0860	.1033	.1205	.1377	.1721	.2071	.3104	.4137	3.9760
2 1/2	.0212	.0425	.0637	.0850	.1062	.1275	.1487	.1700	.2125	.2550	.3825	.5100	4.9070
2 3/4	.0257	.0514	.0771	.1028	.1285	.1543	.1800	.2057	.2571	.3085	.4628	.6171	5.9395
3	.0306	.0612	.0918	.1224	.1530	.1836	.2142	.2448	.3060	.3672	.5508	.7344	7.0686

To obtain the capacity of a pump with a diameter of cylinder given in the table, but with a longer stroke than 24 inches (the longest stroke given in the table), add or multiply the capacity to represent the required length of stroke.

For instance: The capacity of a cylinder with a 30 inch stroke would be the same as that (having the same diameter) of an 18 inch stroke cylinder, added to the capacity of a 12 inch stroke cylinder. The same result may be obtained by multiplying the capacity of a cylinder with a 10 inch stroke by 3.

To obtain the amount of water discharged per minute, multiply the capacity per stroke by the number of strokes per minute. To obtain the amount of water discharged per hour, multiply this figure by 60.

Capacities are given in American Gallons. To find English gallons, deduct 1/6; to find liters, multiply by 3.75.



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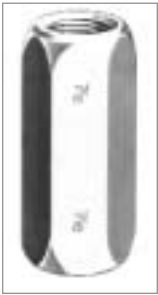
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Rod Couplings



®



720

720 Series Rod Coupling Features:

- Hexagon shaped, galvanized couplings.
- Made from solid bars of cold-rolled steel.
- Use to connect steel pump rods.

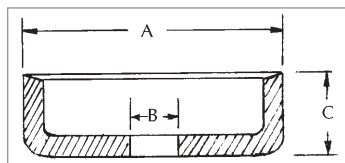
720 Rod Couplings					
Part Number	Size	Size of Hexagon	Overall Length	Ctn Qty	List Price
8075B1	3/8"x3/8"	5/8"	1-3/4"	25	\$ 2.02
8075C1	7/16"x3/8"	5/8"	1-3/4"	25	2.02
8075D1	7/16"x7/16"	5/8"	1-3/4"	25	2.09
8075E1	1/2"x3/8"	11/16"	1-3/4"	25	2.51
8075F1	1/2"x7/16"	11/16"	1-3/4"	25	2.51
8075G1	1/2"x1/2"	11/16"	1-3/4"	25	2.43
8075J1	5/8"x7/16"	13/16"	2-1/8"	BULK	3.50
8075L1	5/8"x5/8"	13/16"	2-1/8"	BULK	3.50



Cup Leathers



702/41



CLAYTON MARK®

702/41 Universal Features:

- Untreated economy leathers.
- Flesh side out.
- Used for open type hand pumps (pitcher pumps), jet packers and on any application calling for a stationary seal.

ORDER IN CARTON QUANTITY ONLY

NEW Part Number	OLD Part Number	Finish	A Cylinder I.D. Leather O.D.	B Hole Size Leather I.D.	C Height	Ctn Qty	List Price
702/41 Universal							
702-022	L101000006	702/41	1"	3/8"	7/16"	12	\$ 4.77
702-048	L101020006	702/41	1-1/8"	3/8"	1/2"	12	5.18
702-061	L101040006	702/41	1-1/4"	3/8"	1/2"	12	5.18
702-063	L101040008	702/41	1-1/4"	1/2"	1/2"	12	5.18
702-095	L101060010	702/41	1 3/8"	5/8"		12	5.18
702-109	L101080006	702/41	1-1/2"	3/8"	5/8"	12	5.27
702-169	L101120010	702/41	1-3/4"	5/8"	11/16"	12	5.81
702-198	L101130103	702/41	1-13/16"	1-3/16"	3/4"	12	5.81
702-216	L101140105 *	702/41	1-7/8"	1-5/16"	3/4"	12	5.81
702-220	L101140104 **	702/41	1-7/8"	1-1/4"	3/4"	12	5.81
702-263	L102000104	702/41	2"	1-1/4"	3/4"	12	6.76
702-264	L102000105	702/41	2"	1-5/16"	3/4"	12	6.76
702-333	L102040106	702/41	2-1/4"	1-3/8"	3/4"	12	7.46
702-334	L102040108 *	702/41	2 1/4"	1 1/2"	3/4"	12	7.46
702-358	L102080110	702/41	2-1/2"	1-5/8"	13/16"	12	8.30
702-384	L102120114 *	702/41	2-3/4"	1-7/8"	13/16"	12	9.05
702-410	L103000200	702/41	3"	2"	13/16"	12	10.15
702-464	L103080208	702/41	3-1/2"	2-1/2"	1"	12	12.77
702-521	L104000300	702/41	4"	3"	1-1/16"	6	18.74
702-558	L105000012	702/41	5"	3/4"		6	29.48
702-636	L106000408	702/41	6"	4 1/2"		6	61.99
* Standard Clayton Mark hole size							
** Standard Midland hole size							



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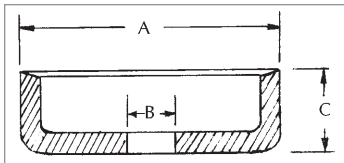
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Cup Leathers



704/46
Oil Fill



704/46 Oil Fill Features:



CLAYTON MARK®

- Oak tanned leather and oil treated.
- Oil treatment waterproofs and retards swelling of leather inside cylinders.
- Reduces rod breakage or overloading motors.
- Oil treatment preserves leather insuring longer life.
- Flesh side out.
- Used in cylinders and piston pumps.

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NEW Part Number	OLD Part Number	Finish	A Cylinder I.D. Leather O.D.	B Hole Size Leather I.D.	C Height	Ctn Qty	List Price
704/46 Oil Fill							
704-010	L600140002	704/46	7/8"	1/8"		12	\$ 4.77
704-022	L601000006	704/46	1"	3/8"	7/16"	12	4.77
704-044	L601100000	704/46	1-1/8"	-	1/2"	12	5.18
704-048	L601020006	704/46	1-1/8"	3/8"	1/2"	12	5.18
704-063	L601040008	704/46	1-1/4"	1/2"	1/2"	12	5.18
704-092	L601060006	704/46	1-3/8"	3/8"	5/8"	12	5.74
704-105	L601080000	704/46	1 1/2"	SOLID	5/8"	12	5.74
704-109	L601080006	704/46	1-1/2"	3/8"	5/8"	12	5.74
704-123	L601100000	704/46	1 5/8"	SOLID		12	5.74
704-149	L601110010	704/46	1 11/16"	5/8"		12	5.81
704-198	L601130103	704/46	1-13/16"	1-3/16"	3/4"	12	5.81
704-220	L601140104 **	704/46	1-7/8"	1-1/4"	3/4"	12	5.81
704-221	L601140105 *	704/46	1 7/8"	1 5/16"	3/4"	12	5.81
704-255	L602000010	704/46	2"	5/8"	3/4"	12	7.19
704-264	L602000105	704/46	2"	1-5/16"	3/4"	12	7.19
704-333	L602040106	704/46	2-1/4"	1-3/8"	3/4"	12	7.80
704-334	L602040108 *	704/46	2-1/4"	1-1/2"		12	8.23
704-354	L602080104	704/46	2-1/2"	1-1/4"		12	8.30
704-358	L602080110	704/46	2-1/2"	1-5/8"	13/16"	12	8.30
704-384	L602120114 *	704/46	2-3/4"	1-7/8"	13/16"	12	9.44
704-409	L603000105	704/46	3"	1-7/8"		12	10.80
704-410	L603000200	704/46	3"	2"	13/16"	12	10.80
704-464	L603080208	704/46	3-1/2"	2-1/2"	1"	12	12.77
704-521	L604000300	704/46	4"	3"	1-11/16"	6	19.34
* Standard Clayton Mark hole size							
** Standard Midland hole size							





Cup Leathers



706/42 Black Perfection Features:

- Hard, high-polished black finish leather
- Hair side out.
- Used for deep well cylinders as well as developing & testing new wells.

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NEW Part Number	OLD Part Number	Finish	Cylinder I.D. Leather O.D.	Hole Size Leather I.D.	C Height	Ctn Qty	List Price
706/42 Black Perfection							
706-022	L201000006	706/42	1	3/8"	7/16"	12	\$ 4.77
706-061	L201040006	706/42	1-1/4"	3/8"	1/2"	12	5.18
706-063	L201040008	706/42	1-1/4"	1/2"	1/2"	12	5.18
706-064	L201040010	706/42	1 1/4"	5/8"	1/2"	12	5.18
706-065	L201040012	706/42	1-1/4"	3/4"	1/2"	12	5.18
706-073	L201050002	706/42	1 5/16"	1/8"		12	7.19
706-092	L201060006	706/42	1-3/8"	3/8"	5/8"	12	5.74
706-095	L201060010	706/42	1-3/8"	5/8"	5/8"	12	5.74
706-098	L201060014	706/42	1-3/8"	7/8"	5/8"	12	5.74
706-105	L201080000	706/42	1-1/2"	-	5/8"	12	5.74
706-109	L201080006	706/42	1-1/2"	3/8"	5/8"	12	5.74
706-112	L201080010	706/42	1-1/2"	5/8"	5/8"	12	5.74
706-115	L201080014	706/42	1-1/2"	7/8"	5/8"	12	5.74
706-127	L201100006	706/42	1-5/8"	3/8"	5/8"	12	5.74
706-155	L201110102	706/42	1-11/16"	1-1/8"	5/8"	12	5.81
706-166	L201120006	706/42	1 3/4"	3/8"		12	5.81
706-175	L201120102	706/42	1-3/4"	1-1/8"	11/16"	12	5.81
706-198	L201130103	706/42	1-13/16"	1-3/16"	3/4"	12	5.81
706-219	L201140103	706/42	1-7/8"	1-3/16"	3/4"	12	5.81
706-220	L201140104 **	706/42	1-7/8"	1-1/4"	3/4"	12	5.81
706-221	L201140105 *	706/42	1-7/8"	1-5/16"	3/4"	12	5.81
706-241	L201150104	706/42	1-15/16"	1-1/4"	3/4"	12	7.19
706-252	L202000006	706/42	2"	3/8"	3/4"	12	7.19
706-255	L202000010	706/42	2"	5/8"	3/4"	12	7.19
706-262	L202000103	706/42	2"	1-3/16"	3/4"	12	7.19
706-263	L202000104	706/42	2"	1-1/4"	3/4"	12	7.19
706-264	L202000105	706/42	2"	1-5/16"	3/4"	12	7.19
706-285	L202010104	706/42	2-1/16"	1-1/4"	3/4"	12	7.80
706-286	L202010105	706/42	2-1/16"	1-5/16"	3/4"	12	7.80
706-308	L202020104	706/42	2-1/8"	1-1/4"	3/4"	12	7.80
706-310	L202020106	706/42	2-1/8"	1-3/8"	3/4"	12	7.80
706-333	L202040106	706/42	2-1/4"	1-3/8"	3/4"	12	7.80
706-334	L202040108 *	706/42	2-1/4"	1-1/2"	3/4"	12	7.80
706-335	L202040110	706/42	2-1/4"	1-5/8"	3/4"	12	7.80
706-345	L202080008	706/42	2-1/2"	1/2"		12	8.30
706-358	L202080110	706/42	2-1/2"	1-5/8"	13/16"	12	8.30
706-359	L202080111	706/42	2-1/2"	1-11/16"	13/16"	12	8.30
706-360	L202080114	706/42	2-1/2"	1-7/8"	13/16"	12	8.30
706-384	L202120114 *	706/42	2-3/4"	1-7/8"	13/16"	12	9.44
706-409	L203000114	706/42	3"	1-7/8"	13/16"	12	10.80
706-410	L203000200	706/42	3"	2"	13/16"	12	10.80
706-435	L203010114	706/42	3 1/16"	1 7/8"		12	11.83
706-436	L203010200	706/42	3-1/16"	2"		12	11.83
706-464	L203080208	706/42	3-1/2"	2-1/2"	1"	12	12.77
706-492	L203120210	706/42	3-3/4"	2-5/8"	1"	12	16.05
706-519	L204000210	706/42	4"	2-5/8"	1-1/16"	6	19.34
706-520	L204000212	706/42	4"	2-3/4"	1-1/16"	6	19.34
706-521	L204000300	706/42	4"	3"	1-1/16"	6	19.34

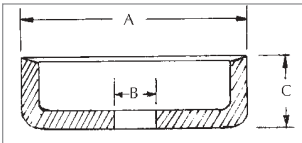
* Standard Clayton Mark hole size

** Standard Midland hole size

Cup Leathers



707/45
Graphite



707/45 Graphite Features:

- Selected from the center of hides.
- Flesh side out.
- Graphite coating prevents fast absorption of water and acts as a lubricant to reduce binding of the plunger in the cylinder.



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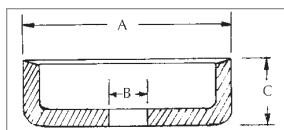
NEW Part Number	OLD Part Number	Finish	A Cylinder I.D. Leather O.D.	B Hole Size Leather I.D.	C Height	Ctn Qty	List Price
707/45 Graphite							
707-061	L501040006	707/45	1-1/4"	3/8"	1/2"	12	\$ 5.17
707-063	L501040008	707/45	1-1/4"	1/2"	1/2"	12	5.17
707-064	L501040010	707/45	1-1/4"	5/8"	1/2"	12	5.17
707-092	L501060006	707/45	1-3/8"	3/8"	5/8"	12	5.74
707-095	L501060010	707/45	1-3/8"	5/8"	5/8"	12	5.74
707-109	L501080006	707/45	1-1/2"	3/8"	5/8"	12	5.74
707-112	L501080010	707/45	1-1/2"	5/8"	5/8"	12	5.74
707-130	L501100010	707/45	1-5/8"	5/8"		12	5.81
707-149	L501110010	707/45	1-11/16"	5/8"		12	5.81
707-169	L501120010	707/45	1-3/4"	5/8"		12	5.81
707-175	L501120102	707/45	1-3/4"	1-1/8"		12	5.81
707-198	L501130103	707/45	1-13/16"	1-3/16"	3/4"	12	5.81
707-215	L501140114	707/45	1-7/8"	7/8"	3/4"	12	5.81
707-220	L501140104 **	707/45	1-7/8"	1-1/4"	3/4"	12	5.81
707-221	L501140105 *	707/45	1-7/8"	1-5/16"	3/4"	12	5.81
707-240	L501150103	707/45	1-15/16"	1-3/16"	3/4"	12	7.19
707-255	L502000010	707/45	2"	5/8"	3/4"	12	7.19
707-264	L502000105	707/45	2"	1-5/16"	3/4"	12	7.19
707-286	L502010105	707/45	2-1/16"	1-5/16"	3/4"	12	7.80
707-300	L502020010	707/45	2-1/8"	5/8"	3/4"	12	7.80
707-324	L502040012	707/45	2-1/4"	3/4"	3/4"	12	7.80
707-333	L502040106	707/45	2-1/4"	1-3/8"	3/4"	12	7.80
707-334	L502040108 *	707/45	2-1/4"	1-1/2"	3/4"	12	7.80
707-639	L502060108	707/45	2 3/8"	1 1/2"	3/4"	12	8.30
707-357	L502080108	707/45	2-1/2"	1-1/2"	3/4"	12	8.30
707-358	L502080110	707/45	2-1/2"	1-5/8"	13/16"	12	8.30
707-359	L502080111	707/45	2-1/2"	1-11/16"	13/16"	12	8.30
707-384	L502120114 *	707/45	2-3/4"	1-7/8"	13/16"	12	9.44
707-410	L503000200	707/45	3"	2"	13/16"	12	10.80
707-435	L503010114	707/45	3-1/16"	1-7/8"		12	11.83
707-436	L503010200	707/45	3 1/16"	2"		12	11.83
707-464	L503080208	707/45	3-1/2"	2-1/2"	1"	12	12.77
707-492	L503120210	707/45	3-3/4"	2-5/8"	1"	12	16.05
707-520	L504000212	707/45	4"	2-3/4"		6	19.34
707-521	L504000300	707/45	4"	3"	1-1/16"	6	19.34
707-615	L506000010	707/45	6"	5/8"		6	61.99
* Standard Clayton Mark hole size							
** Standard Midland hole size							



Cup Leathers



711/44
Waterproof



711/44 Waterproof Features:

- Soft, pliable waterproof.
- Hair side out.
- For use on piston pumps, shallow setting brass-cylinder barrels, air pumps and other applications where minimum water absorption and swelling is desired.



CLAYTON MARK®

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NEW Part Number	OLD Part Number	Finish	Cylinder I.D. Leather O.D.	Hole Size Leather I.D.	Height	Ctn Qty	List Price
711/44 Waterproof							
711-002	L400120002	711/44	3/4"	1/8"	7/16"	12	\$ 4.77
711-021	L401000004	711/44	1"	1/4"	7/16"	12	4.77
711-022	L401000006	711/44	1"	3/8"	7/16"	12	4.77
711-024	L401000008	711/44	1"	1/2"	7/16"	12	4.77
711-037	L401010010	711/44	1-1/16"	5/8"		12	5.18
711-048	L401020006	711/44	1-1/8"	3/8"	1/2"	12	5.18
711-050	L401020008	711/44	1-1/8"	1/2"	1/2"	12	5.18
711-057	L401040000	711/44	1 1/4"	-	1/2"	12	5.18
711-061	L401040006	711/44	1-1/4"	3/8"	1/2"	12	5.18
711-062	L401040007	711/44	1-1/4"	7/16"	1/2"	12	5.18
711-063	L401040008	711/44	1-1/4"	1/2"	1/2"	12	5.18
711-064	L401040010	711/44	1-1/4"	5/8"		12	5.18
711-076	L401050006	711/44	1-5/16"	3/8"		12	5.74
711-078	L401050008	711/44	1-5/16"	1/2"		12	5.74
711-092	L401060006	711/44	1-3/8"	3/8"	5/8"	12	5.74
711-094	L401060008	711/44	1-3/8"	1/2"	5/8"	12	5.74
711-095	L401060010	711/44	1-3/8"	5/8"	5/8"	12	5.74
711-098	L401060014	711/44	1-3/8"	7/8"	5/8"	12	5.74
711-109	L401080006	711/44	1-1/2"	3/8"	5/8"	12	5.74
711-110	L401080007	711/44	1-1/2"	7/16"	5/8"	12	5.74
711-111	L401080008	711/44	1-1/2"	1/2"	5/8"	12	5.74
711-112	L401080010	711/44	1-1/2"	5/8"	5/8"	12	5.74
711-129	L401100008	711/44	1-5/8"	1/2"	5/8"	12	5.74
711-130	L401100010	711/44	1-5/8"	5/8"	5/8"	12	5.74
711-135	L401100100	711/44	1-5/8"	1"	5/8"	12	5.74
711-149	L401110010	711/44	1-11/16"	5/8"	5/8"	12	5.81
711-151	L401110103	711/44	1 11/16"	1 3/16"		12	5.81
711-154	L401110100	711/44	1-11/16"	1"	5/8"	12	5.81
711-155	L401110102	711/44	1-11/16"	1-1/8"	5/8"	12	5.81
711-169	L401120010	711/44	1-3/4"	5/8"	11/16"	12	5.81
711-174	L401120100	711/44	1 3/4"	1"	11/16"	12	5.81
711-175	L401120102	711/44	1-3/4"	1-1/8"	11/16"	12	5.81
711-192	L401130012	711/44	1-13/16"	3/4"		12	5.81
711-198	L401130103	711/44	1-13/16"	1-3/16"	3/4"	12	5.81
711-211	L401140008	711/44	1-7/8"	1/2"	3/4"	12	5.81
711-212	L401140010	711/44	1-7/8"	5/8"	3/4"	12	5.81
711-217	L401140100	711/44	1-7/8"	1"	3/4"	12	5.81
711-219	L401140103	711/44	1-7/8"	1-3/16"	3/4"	12	5.81
711-220	L401140104 **	711/44	1-7/8"	1-1/4"	3/4"	12	5.81
711-221	L401140105 *	711/44	1-7/8"	1-5/16"	3/4"	12	5.81
* Standard Clayton Mark hole size							
** Standard Midland hole size							



American Granby Inc.

TM

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Fax (800) 729-3299
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Cup Leathers



711/44 Waterproof - continued.
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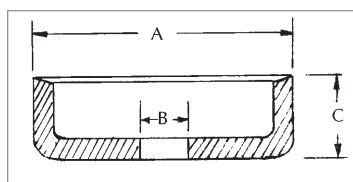
NEW Part Number	OLD Part Number	Finish	Cylinder I.D. Leather O.D.	Hole Size Leather I.D.	Height	Ctn Qty	List Price
711/44 Waterproof - Continued							
711-233	L401150010	711/44	1-15/16"	5/8"	3/4"	12	7.19
711-240	L401150103	711/44	1-15/16"	1-3/16"	3/4"	12	7.19
711-242	L401150105	711/44	1-15/16"	1-5/16"	3/4"	12	7.19
711-248	L402000000	711/44	2"	SOLID	3/4"	12	7.19
711-254	L402000008	711/44	2"	1/2"	3/4"	12	7.19
711-255	L402000010	711/44	2"	5/8"	3/4"	12	7.19
711-259	L402000015	711/44	2"	15/16"	3/4"	12	7.19
711-262	L402000103	711/44	2"	1-3/16"	3/4"	12	7.19
711-263	L402000104	711/44	2"	1-1/4"	3/4"	12	7.19
711-264	L402000105	711/44	2"	1-5/16"	3/4"	12	7.19
711-267	L402000110	711/44	2"	1-5/8"	3/4"	12	7.19
711-277	L402010010	711/44	2-1/16"	5/8"	3/4"	12	7.80
711-284	L402010103	711/44	2-1/16"	1-3/16"	3/4"	12	7.80
711-285	L402010104	711/44	2-1/16"	1-1/4"	3/4"	12	7.80
711-286	L402010105	711/44	2-1/16"	1-5/16"	3/4"	12	7.80
711-300	L402020010	711/44	2-1/8"	5/8"	3/4"	12	7.80
711-302	L402020103	711/44	2-1/8"	13/16"	3/4"	12	7.80
711-308	L402020104	711/44	2-1/8"	1-1/4"	3/4"	12	7.80
711-316	L402040000	711/44	2 1/4"	SOLID	3/4"	12	7.80
711-323	L402040010	711/44	2-1/4"	5/8"	3/4"	12	7.80
711-331	L402040104	711/44	2-1/4"	1-1/4"	3/4"	12	7.80
711-332	L402040105	711/44	2-1/4"	1-5/16"	3/4"	12	7.80
711-333	L402040106	711/44	2-1/4"	1-3/8"	3/4"	12	7.80
711-334	L402040108 *	711/44	2-1/4"	1-1/2"	3/4"	12	7.80
711-335	L402040110	711/44	2-1/4"	1-5/8"	3/4"	12	7.80
711-339	L402080000	711/44	2-1/2"	SOLID	13/16"	12	8.30
711-346	L402080010	711/44	2-1/2"	5/8"	13/16"	12	8.30
711-354	L402080104	711/44	2-1/2"	1-1/4"	13/16"	12	8.30
711-355	L402080105	711/44	2-1/2"	1-5/16"	13/16"	12	8.30
711-356	L402080106	711/44	2-1/2"	1-3/8"	13/16"	12	8.30
711-357	L402080108	711/44	2-1/2"	1-1/2"	13/16"	12	8.30
711-358	L402080110	711/44	2-1/2"	1-5/8"	13/16"	12	8.30
711-359	L402080111	711/44	2-1/2"	1-11/16"	13/16"	12	8.30
711-384	L402120114 *	711/44	2-3/4"	1-7/8"	13/16"	12	9.05
711-637	L402140114	711/44	2-7/8"	1-7/8"	13/16"	12	10.80
711-406	L403000108	711/44	3"	1-1/2"	13/16"	12	10.80
711-409	L403000114	711/44	3"	1-7/8"	13/16"	12	10.80
711-410	L403000200	711/44	3"	2"	13/16"	12	10.80
711-638	L403000202	711/44	3"	2 1/8"	13/16"	12	10.80
711-435	L403010114	711/44	3-1/16"	1-7/8"	13/16"	12	11.83
711-436	L403010200	711/44	3-1/16"	2"	13/16"	12	11.83
711-464	L403080208	711/44	3-1/2"	2-1/2"	1"	12	12.77
711-492	L403120210	711/44	3-3/4"	2-5/8"	1"	12	16.05
711-495	L404000000	711/44	4"	SOLID	1-1/16"	6	19.34
711-517	L404000200	711/44	4"	2"	1-1/16"	6	19.34
711-518	L404000208	711/44	4"	2-1/2"	1-1/16"	6	19.34
711-520	L404000212	711/44	4"	2-3/4"	1-1/16"	6	19.34
711-521	L404000300	711/44	4"	3"	1-1/16"	6	19.34
* Standard Clayton Mark hole size							
** Standard Midland hole size							



Cup Leathers



NEO/86 NEOFAB Cup



NEO/86 NEOFAB CUP Features:

- Enhanced endurance with lower replacement rates.
- Neoprene material with fabric insert in base.
- Outlasts all other leathers

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NEW Part Number	OLD Part Number	Finish	A Cylinder I.D. Leather O.D.	B Hole Size Leather I.D.	C Height	Ctn Qty	List Price
NEO/86 NEOFAB CUP							
NEO-154	L901110100	NEO/86	1-11/16"	1"	3/4"	3	\$ 16.42
NEO-198	L901130103	NEO/86	1-13/16"	1-3/16"	3/4"	3	17.23
NEO-208	L901140004	NEO/86	1-7/8"	1/4"	3/4"	3	17.23
NEO-220	L901140104 **	NEO/86	1-7/8"	1-1/4"	3/4"	3	17.23
NEO-221	L901140105 *	NEO/86	1-7/8"	1-5/16"	3/4"	3	17.23
NEO-255	L902000010	NEO/86	2"	5/8"	3/4"	3	18.47
NEO-264	L902000105	NEO/86	2"	1-5/16"	3/4"	3	18.47
NEO-334	L902040108 *	NEO/86	2-1/4"	1-1/2"	3/4"	3	20.52
NEO-357	L902080108	NEO/86	2-1/2"	1-1/2"	3/4"	3	22.29
NEO-358	L902080110	NEO/86	2-1/2"	1-5/8"	13/16"	3	22.29
NEO-359	L902080111	NEO/86	2-1/2"	1-11/16"	13/16"	3	22.29
NEO-384	L902120114 *	NEO/86	2-3/4"	1-7/8"	13/16"	3	25.72
NEO-409	L903000114	NEO/86	3"	1-7/8"	13/16"	3	33.98
NEO-410	L903000200	NEO/86	3"	2"	13/16"	3	35.03
NEO-464	L903080208	NEO/86	3-1/2"	2-1/2"	1"	3	35.41
* Standard Clayton Mark hole size							
** Standard Midland hole size							



CLAYTON MARK®



V5 Series

Valve Leathers for use with pitcher pumps and cylinders

700/55 Universal Features:

- Lower valve leather.
- Uniform, heavy stock with russet finish.

Part Number	Cylinder I.D.	Leather O.D.	Standard I.D.	Ctn Qty	List Price
700/55 Universal					
V502080200	2"	2 1/2"	2"	6	\$ 5.17
V502120204	2 1/4"	2 3/4"	2 1/4"	6	5.72
V503000206	2 1/2"	3"	2 3/8"	6	6.25
V503080214	3"	3 1/2"	2 7/8"	6	7.17
V503120302	3 1/4"	3 3/4"	3 1/8"	6	7.30
V504000304	3 1/2"	4"	3 1/4"	6	8.32
V504080312	4"	4 1/2"	3 3/4"	6	8.94
V505000404	4 1/4"	5"	4 1/4"	6	9.05
V505040408	4 1/2"	5 1/4"	4 1/2"	6	9.35
V505120500	5"	5 3/4"	5"	6	12.69
V506120512	6"	6 3/4"	5 3/4"	6	23.82

Pitcher Pump Leather Selection Chart

Pump Size	Part Number	Cylinder I.D.	Leather O.D.
No. 1	V503000206	2-1/2"	3
No. 2	V503080214	3"	3-1/2"
No. 3	V504000304	3-1/2"	4"
No. 4	V504080312	4"	4-1/2"



708/57 Universal Packing Ring

708/57 Universal Packing Ring Features:

- General purpose leather washer or flat ring gasket.
- Universal finish for all applications.
- Soft, pliable leather for long life.

Part Number	Finish	Outside Diameter	Hole Size	Thickness	List Price
708/57 Universal Packing Ring					
R702000106	708/57	2"	1-3/8"	1/8"	\$ 1.58
R702040007	708/57	2-1/4"	7/16"	1/8"	1.70
R702080114	708/57	2-1/2"	1-7/8"	1/8"	2.30
R702120202	708/57	2-3/4"	2-1/8"	1/8"	2.76
R703000206	708/57	3"	2-3/8"	1/8"	3.25
R703080214	708/57	3-1/2"	2-7/8"	5/32"	4.29



Add extra years to the life of any drill rig with the products used for years.



ISO 9001

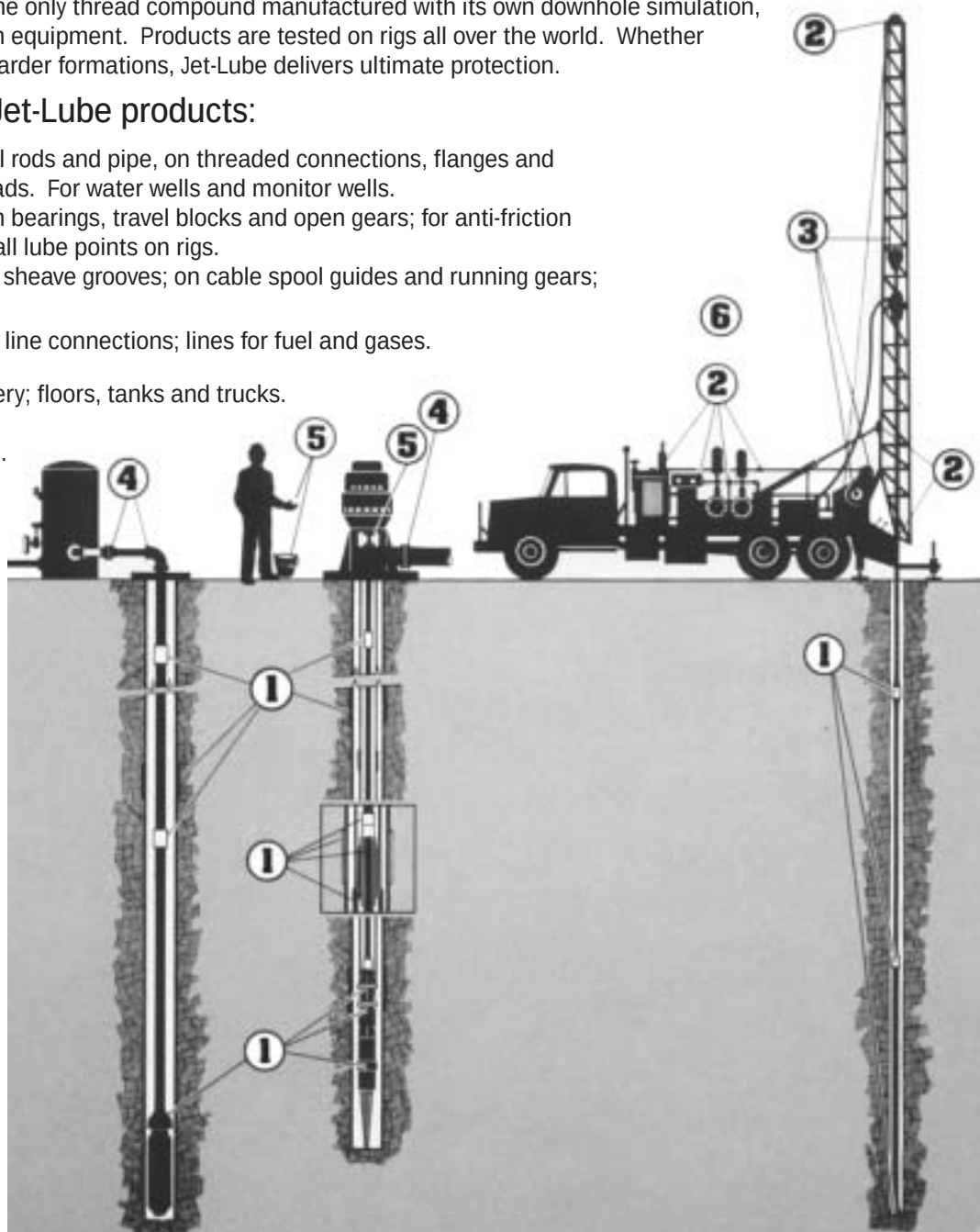
Use Jet-Lube specialty lubricants, thread compounds and sealants on drill rods, pipe, collars, stabs, subs, wire and cable for lower down-time and longer rig life.

Water well drillers use Jet-Lube products on pumps, compressors and potable water connections. You name it, there's a Jet-Lube product for it. There's even environmental safe cleaners and degreasers.

Jet-Lube products are tested tough every day. Every product is the result of more than 50 years of testing and research. Jet-Lube is the only thread compound manufactured with its own downhole simulation, testing and certification equipment. Products are tested on rigs all over the world. Whether drilling in soft rock or harder formations, Jet-Lube delivers ultimate protection.

Where to apply Jet-Lube products:

- ① On tool joints, drill rods and pipe, on threaded connections, flanges and exposed threads. For water wells and monitor wells.
- ② For swivels, crown bearings, travel blocks and open gears; for anti-friction bearings; for all lube points on rigs.
- ③ On cables, ropes, sheave grooves; on cable spool guides and running gears; roller chain.
- ④ For potable water line connections; lines for fuel and gases.
- ⑤ For truck machinery; floors, tanks and trucks.
- ⑥ Jobsite protection.





JL100 Series

1

Kopr-Kote® Heavy Duty Drill Pipe Compound (Lead Free)

A high performance, lead free, copper based thread compound for heavy duty drilling. Protects against seizure, galling and downhole makeup.



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Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL10050	14 oz. cartridge	36 lbs.	1	30	\$26.79
JL10023	1 gal pail	11 lbs.	1	1	111.57
JL10012	2 gal pail	21 lbs.	1	1	209.00
JL10015	5 gal pail	52 lbs.	2	1	440.71



JL109 Series

1

Jet-Lube 21® Intermediate Grade Drill Pipe Compound (Lead Free)

The lead free professional choice for intermediate drilling applications in softer formations. Environmentally safe.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL10923	1 gal pail	10 lbs.	1	1	\$ 76.43
JL10912	2 gal pail	20 lbs.	1	1	145.00
JL10915	5 gal pail	49 lbs.	2	1	310.57



JL119 Series

1

JLS® Economy Grade Drill Pipe Compound (Lead Free)

Economical choice for use only where drilling conditions are least demanding. For use in light to medium drilling in sandy formations. Environmentally safe.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL11923	1 gal pail	10 lbs.	1	1	\$ 61.14
JL11912	2 gal pail	20 lbs.	1	1	115.57
JL11915	5 gal pail	50 lbs.	2	1	247.29



JL03 Series

1

Jet-Lube Dope Brushes

Thread compound dope brushes, taper or bevel style. 1 1/8" x 16". Can be used in 1, 2 or 5 gallon pails.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL03000	1 1/8" x 16" Taper	9 lbs.	1	12	\$ 27.29
JL03500	1 1/8" x 16" Bevel	9 lbs.	1	12	27.29

**ISO 9001**

JL170 Series

1

Run-N-Seal® Tubing and Casing Sealant

An environmentally safe nonmetallic sealant for threaded tubing and casing. Passes California COR Title 22

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL17023	1 gal pail	11 lbs.	1	1	\$ 76.00
JL17012	2 gal pail	22 lbs.	1	1	137.00
JL17015	5 gal pail	54 lbs.	2	1	309.00



JL185 Series

1

Well-Guard® Monitor Well Drill Thread Compound

A thread compound which provides state-of-the-art protection against galling, seizure and thread damage while being in full compliance with all EPA guidelines. Petroleum hydrocarbon-free and brushable to -10 F. Test results available.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL18572	1 pint plastic jar	14 lbs.	1	12	\$ 60.11
JL18523	1 gal pail	11 lbs.	1	1	391.14
JL18515	5 gal pail	54 lbs.	2	1	1,590.00



JL180 Series

1

RD-N™ Synthetic Rock Drilling Oil for Environmental Drilling

Provides superior lubrication for all makes of pneumatic percussion tools and prevents premature wear of hammer bits. An ISO 100/SAE 30 oil which exceeds all current EPA guidelines. Certified test results available. Can be used as a wire rope lubricant or hydraulic oil on restricted sites where petroleum based products are banned.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL18033	1 gal jug	36 lbs.	1	4	\$ 137.29
JL18035	5 gal jug	42 lbs.	2	1	613.29
JL18031	50 gal drum	446 lbs.	15	1	5,770.57



JL37050

2

ALCO-EP™ Premium Grease with Moly-Aluminum Complex (Black)

Water resistant aluminum complex based grease contains graphite, molybdenum disulfide and premium EP additive package for maximum metal protection, water resistance and high temperature (450F) capability in an all-weather formulation. NLGI Grade 2

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL37050	14 oz. cartridge	36 lbs.	1	30	\$9.86





JL37341

2

769 Lubricant® and Penetrant

Heavy duty penetrating lubricant for all environments. When drilling in marshland or near coastlines, protects operating parts against salt corrosion. Frees rusted and frozen parts, displaces moisture, cleans and prevents rust. Non-flammable.

MIL-C-23411A. Federal spec V V-P-216B. USDA-H2



ISO 9001

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL37341	12 oz. aerosol	12 lbs.	1	12	\$ 13.21



JL28541

3

WLD™ Wire Rope, Cable and Roller Chain Dressing and Lubricant

Extend the life of wirelines, ropes, cables, grooves. Specially formulated with molybdenum disulfide and graphite to reduce friction and wear on cable strands. Tacky and adhesive for lasting protection. Penetrates wire strands to lubricate the core, then keeps on working to prevent moisture from corroding the cable. Black

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL28541	12 oz. aerosol	12 lbs.	1	12	\$ 19.96



JL34041

3

WRL™ Wire Rope and Chain Lubricant/Oil

USDA authorized non-drying film penetrates to the rope core for long-term protection. May be applied by spraying, pouring or with automatic lube system. Pumpable to -25F. Amber

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL34041	12 oz. aerosol	12 lbs.	1	12	\$ 15.79



JL355 Series

4

V-2® Multi Purpose PTFE Thread Sealant

A soft setting, non-petroleum based thread sealant for use where immediate pressurization is desired. Non-staining, low odor, off white in color. Use on all types of metals, reinforced fiberglass and PVC. MIL-TT-S-1732. USDA H-2 Authorized. IAPMO Approved.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL35502	1/2 pint brush top can	11 lbs.	1	12	\$ 23.32
JL35504	1 pint brush top can	19 lbs.	1	12	36.79



JL240 Series

4

TFW™ Anti-Sieze Thread Sealant with PTFE

Low friction and non-toxic, TFW is used to prevent thread leaks of almost all fluids, gases or steam, even at temperatures up to 500 F. Can be used on metal, PVC, ABS and CPVC fittings and piping. IAPMO approved.



ISO 9001

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL24002	1/2 pint brush top can	9 lbs.	1	12	\$ 23.14
JL24004	1 pint brush top can	17 lbs.	1	12	35.11



JL71741

4

Pitless Adapter Lube™ Assembly Lubricant

Preservative designed to aid in installation of pitless adapters. USDA H-1 authorized. Corrosion preventative contains anti-bacterial/anti-fungal additive.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL71741	12 oz. aerosol	13 lbs.	1	12	\$ 15.57



JL23023

4

TF-15® Thread Sealant with PTFE for fiberglass pipe

High pressure thread sealant containing PTFE and EP additives that allow for easy breakout without seizing, stripping or galling. Highly recommended for use as a sealant on fiberglass tubing and casing threads. Passes California COR Title 22

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL23023	1 gal pail	11 lbs.	1	1	\$ 139.00



JL30519

5

Easy-Clean® Concentrated Rig Wash

A biodegradable detergent to clean oil and grime from equipment or pumping station machinery. Industrial strength concentrated powdered detergent.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL30519	40 lb. 6 gal pail	43 lbs.	2	1	\$ 231.43





JL710 Series

5

Jet-Lube 5000™ Water Based Cleaner and Degreaser

Emulsifies (lifts and suspends) dirt, carbon, grease, etc., for removal by rinsing or wiping. May be used on surfaces compatible with water. Use full strength or dilute with fresh or salt water. Environmentally safe and compliant with EPA 624 & 625.



ISO 9001

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL71043	16 oz. trigger spray	14 lbs.	1	12	\$ 15.32
JL71033	1 gal jug	35 lbs.	1	4	49.57
JL71035	5 gal jug	45 lbs.	2	1	202.00



JL72542

5

Clean-Up Plus™ Organic Solvent Cleaner

Environmentally safe cleaner and degreaser. Blend of organic solvents, safe non-flammable CO2 propellant. Citrus scent. Residue free product is safe on all metals. 29KV dielectric strength. No Tri 1-1-1. USDA authorized.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL72542	15 oz. aerosol	16 lbs.	1	12	\$ 18.46



JL61542

5

Clean-Up™ Industrial Cleaner and Safety Solvent

Heavy duty low foaming cleaner/degreaser. Fast working, non-flammable residue free product formulated with an ozone friendly chlorinated solvent. 29 KV dielectric strength. No Tri 1-1-1.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL61542	18 oz. aerosol	15 lbs.	1	12	\$ 19.36



JL16041

5

Moly Mist™ Dry Film Lubricant

Use to break in equipment and assemble moving parts. Micro-fine molybdenum disulfide suspended in a quick-drying carrier. Bonds to any surface in seconds to provide low coefficient of friction, extended lubrication and improved operation.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL16041	12 oz. aerosol	13	1	12	\$ 22.07



JL51541

6

TOP-GUN™ Wasp and Hornet Killer

EPA registered formula kills wasps, hornets, yellow jackets and bees on contact from 15-20 feet. Instant knockdown. Non conductive - 35KV formula for total protection.

Part Number	Net Contents & Container Type	Shipping Weight/Case	Case Equivalents	Case Qty	List Price
JL51541	14 oz. aerosol	15	1	12	\$ 17.68