



January 1, 2023 Sales Price List

CG Series Single Stage Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Iron Price
	CG Series Pump Models	
	CGV Series (Grooved Intake)	
	CGVC22B	\$16,152.00
	CGVC22C	\$16,549.00
	CGVC22D	\$16,930.00
	CGVC22E	\$17,304.00
	CGVC22F	\$17,671.00
	CGVK	\$13,563.00
	CGVPA	\$14,795.00
	CGVT	\$15,432.00
	CGVG Series (Crosspipe Intake)	
	CGVGC22B	\$20,692.00
	CGVGC22C	\$21,088.00
	CGVGC22D	\$21,468.00
	CGVGC22E	\$21,839.00
	CGVGC22F	\$22,207.00
	CGVGK	\$18,264.00
	CGVGPA	\$19,407.00
	CGVR Series (Threaded Intake)	
	CGVRK	\$13,981.00
	CGVRT	\$15,849.00
	C22 Series Transmission	
	<i>Input Shaft</i>	
	2.35-46T Involute Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	
	Input and Output Shaft (No Charge)	\$0.00
	Input Shaft Only (No Charge)	\$0.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	

Part No.	Item	Iron Price
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
	Without Operators Panel	\$920.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-3/8-10 SAE Spline (No Charge)	\$0.00
	SAE Class C Spline (1-1/4-14T Involute) with 2 or 4 Bolt Hydraulic Adapter	\$1,301.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	<i>Optional Suspension Pin Mounting Kit</i>	
K 520	Suspension Pin Mounting Kit	\$155.00
	PA Series Transmission	
	<i>Input Shaft Connection</i>	
	1-1/2-10 SAE Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	
	Input Shaft Only (No Charge)	\$0.00
	Input and Output Shaft	\$1,361.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$155.00
	<i>Optional Driveline End Yokes and Companion Flanges (Price Listed for One Yoke or Flange)</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	T Series Transmission	
	<i>Clutch Drive Plate (Required)</i>	
	For No. 10 Clutch	\$531.00
	For No. 11-1/2 Clutch	\$544.00

Part No.	Item	Iron Price
	Impeller Flame Plating	
	Optional Flame Plating	\$0.00
	Pump Seal	
	Mechanical Seals (Standard, No Charge)	\$0.00
	Pump Shaft Material	
	Stainless Steel (Standard, No Charge)	\$0.00
	Monel (Optional)	\$2,601.00
	Left and Right Intake (CGVG Series Only)	
	<i>Intake Extensions</i>	
5002-A	1 in. Long	\$305.00
5005-A	4 in. Long	\$357.00
	<i>Intake Fittings</i>	
	See Separate Intake Fitting Price List	\$0.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Butterfly or Ball Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Intake Screens	
	See Separate Intake Fitting Price List	\$0.00
	Discharge	
	Optional 4 in. Grooved (Victaulic) Fitting	\$612.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Separately Mounted 2 in. Valve	\$1,520.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	Dual Vacuum Activated	\$1,010.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	

Part No.	Item	Iron Price
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	<i>RTP (Around the Pump)</i>	
83157-2C	Separately Mounted (Price is List)	\$973.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00



January 1, 2023 Sales Price List

CL Series Single Stage Fire Pumps

Effective Beginning: January 1, 2023

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Part No.	Item	Iron Price
	CL Series Pump Models	
	CLR Series	
	CLRK	\$8,473.00
	CLRPA	\$12,003.00
	CLRT	\$9,959.00
	CLV Series	
	CLVK	\$7,729.00
	CLVPA	\$11,249.00
	CLVT	\$9,205.00
	CLS Series	
	CLSK	\$12,420.00
	CLSPA	\$15,462.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-3/8-10 SAE Spline (No Charge)	\$0.00
	SAE Class C Spline (1-1/4-14T Involute) with 2 or 4 Bolt Hydraulic Adapter	\$1,301.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	<i>Optional Suspension Pin Mounting Kit</i>	
K 520	Suspension Pin Mounting Kit	\$155.00
	PA Series Transmission	
	<i>Input Shaft Connection</i>	
	1-1/2-10 SAE Spline (No Charge)	\$0.00

Part No.	Item	Iron Price
	For No. 6-1/2 Clutch	\$555.00
	For No. 7-1/2 Clutch	\$339.00
	<i>Driveline Type</i>	
	Input Shaft Only (No Charge)	\$0.00
	For No. 8 Clutch	\$300.00
	Input and Output Shaft	\$1,361.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$155.00
	<i>Optional Driveline End Yokes and Companion Flanges (Price Listed for One Yoke or Flange)</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	T Series Transmission	
	<i>Clutch Drive Plate (Required)</i>	
	For No. 10 Clutch	\$503.00
	For No. 11-1/2 Clutch	\$300.00
	Pump Seal	
	Mechanical Seals (Standard, No Charge)	\$0.00
	Pump Shaft Material	
	Stainless Steel (Standard, No Charge)	\$0.00
	Monel (Optional)	\$1,108.00
	Left and Right Intake (CLS Series Only)	
	See Separate Intake Fitting Price List	\$0.00
	Intake Screens	
	See Separate Intake Fitting Price List	\$0.00
	Discharge Fitting	
	3 in. Grooved (Victaulic) Fitting	\$196.00
	3 in. NPT (F) Flange	\$99.00
	Head with Two 2-1/2 in. Waterous 4-Bolt Flanges	\$608.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves Mounted on Discharge Head Pads</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Separately Mounted 2 in. Valve	\$1,520.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-4	Piloted Valve, Pump Mounted, Behind BFV	\$2,461.00
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
82256-6	Piloted Valve, Pump Mounted, In Front of BFV	\$2,367.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1A	Non-Piloted Valve, Pump Mounted	\$508.00

Part No.	Item	Iron Price
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	<i>RTP (Around the Pump)</i>	
83157-2C	Separately Mounted (Price is List)	\$973.00
	CAF Systems (All Prices are Net)	
	100-P 100 CFM	\$24,059.00
	120-P 120 CFM	\$24,711.00
	150-P 150 CFM	\$25,170.00
	<i>Foam Pump</i>	
	See Separate Foam System Price List	\$0.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Sump</i>	
	<i>Vertical Tank</i>	
	All Models, Standard, No Charge	\$0.00
	<i>Tee Tank</i>	
	Optional	\$468.00

Part No.	Item	Iron Price
	<i>Sump Vent</i>	
	<i>150 CFM Systems</i>	
	Standard (No Charge)	\$0.00
	<i>All Other Systems</i>	
	Optional, 12 or 24 Volt	\$465.00
	<i>Main Oil Cooler (All Models)</i>	
	Water Cooler (Standard, No Charge)	\$0.00
	Air Cooler, 12 or 24 Volt (Optional, No Charge)	\$0.00
	<i>Secondary Oil Cooler (Optional for All Models)</i>	
	Air Cooler, 12 or 24 Volt	\$1,562.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kits</i>	
83368-3B	100-120 CFM (Kit 53742-B)	\$1,157.00
83368-3C	150 CFM (Kit 53742-C)	\$1,751.00
	<i>Oil Inject Check Valves</i>	
83368-2B	1/2 in., 100, 120, 140 and 150 CFM Systems	\$173.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Not available if CAFS ordered)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00



January 1, 2023 Sales Price List

CM and CMU Series Midship Two Stage Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

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- 5) Consult factory for availability and pricing of bronze material.
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- 7) Prices and Specifications are subject to change without notice.

Part No.	Item	Price
	CM Series Pump Models	
	CM Series Models	
	CMC22B	\$28,382.00
	CMC22C	\$28,778.00
	CMC22D	\$29,167.00
	CMC22E	\$29,542.00
	CMC22F	\$29,912.00
	CMD	\$18,581.00
	CMK	\$25,790.00
	CMPA	\$27,037.00
	CMU Series Models	
	CMUC22B	\$31,976.00
	CMUC22C	\$32,372.00
	CMUC22D	\$32,757.00
	CMUC22E	\$33,138.00
	CMUC22F	\$33,505.00
	CMUD	\$22,348.00
	CMUK	\$31,437.00
	CM/CGV High Rise Models	
	CM/CGV Series	
	CMCGVC22B	\$60,137.00
	CMCGVC22C	\$60,534.00
	CMCGVC22D	\$60,922.00
	CMCGVC22E	\$61,297.00
	CMU/CGV Series	
	CMUCGVC22B	\$63,734.00
	CMUCGVC22C	\$64,131.00

Part No.	Item	Price
	CMUCGVC22D	\$64,513.00
	CMUCGVC22E	\$64,894.00
	C22 Series Transmission	
	<i>Mounting on Pump</i>	
	Rear (No Charge)	\$0.00
	Front	\$869.00
	<i>Input Shaft</i>	
	2.35-46T Involute Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	Input and Output Shaft (No Charge)	\$0.00
	Input Shaft Only (No Charge)	\$0.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
	Without Operators Panel	\$920.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-3/8-10 SAE Spline, Model CMK (No Charge)	\$0.00
	1-1/2-10 SAE Spline, Model CMUK (No Charge)	\$0.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
	<i>CSK Models:</i>	
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	<i>CSUK Models:</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00

Part No.	Item	Price
	PA Series Transmission	
	<i>Input Shaft Connection</i>	
	1-1/2-10 SAE Spline (No Charge)	\$0.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$1,651.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$155.00
	<i>Optional Driveline End Yokes and Companion Flanges (Price Listed for One Yoke or Flange)</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	Impeller Flame Plating	
	CM Series Pumps (Optional)	\$829.00
	CMU Series Pumps (Standard, No Charge)	\$0.00
	CM/CGV Series Pumps (Optional)	\$1,640.00
	CMU/CGV Series Pumps (Standard, No Charge)	\$0.00
	Pump Seal	
	Packing (Standard, No Charge)	\$0.00
	Optional Mechanical Seals	\$769.00
	Pump Shaft Material	
	Stainless Steel (Standard, No Charge)	\$0.00
	Monel (Optional)	\$2,143.00
	Transfer Valve Actuator	
	<i>Operation</i>	
	Electric (Bottom or Top Mounted) (No Charge)	\$0.00
	Manual (Bottom or Top Mounted) (Deduct)	(\$919.00)
	<i>Manual Override (Optional for Electric Operation Only)</i>	
	With Manual Override	\$290.00
	<i>Optional Linkage Rod</i>	
	1/2 in. Dia x 28 in. Long	\$79.00
	Tank to Pump Flange Fittings	
	<i>Optional Check Valve</i>	
	With Check Valve	\$147.00
	<i>Optional Fittings</i>	
	2-1/2 in. NPT Flange (F)	\$137.00
	3 in. NPT Flange (F)	\$154.00
	4 in. ANSI Fitting	\$520.00
	Blind Flange	\$120.00
	<i>Optional Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Left and Right Intake	
	<i>Intake Adapters</i>	
	Rear Flange with 5 in. ANSI Flange	\$2,408.00
	Rear Flange with 5 in. Grooved (Victaulic) Fitting	\$2,279.00
	<i>Intake Extensions</i>	
	1 in. Long	\$293.00
	4 in. Long	\$627.00
	<i>Intake Fittings</i>	
	See Separate Intake Fitting Price List	\$0.00

Part No.	Item	Price
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Butterfly or Ball Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	<i>Intake Screens</i>	
	See Separate Intake Fitting Price List	\$0.00
	Left and Right Discharge	
	<i>Extensions</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Discharge Fittings</i>	
	See Separate Discharge Fitting Price List	\$0.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Center Discharge	
	<i>Pre-Configured Piping Assemblies</i>	
80882-0003	Openings Rear	\$1,132.00
80882-0009	Openings Rear	\$395.00
80882-0113	Openings Rear	\$1,996.00
80882-0224	Openings Rear	\$533.00
80882-0252	Openings Rear	\$835.00
80882-0301	Blind Flange with Drain	\$105.00
80882-0303	3 in. NPT Tapped Flange 51744	\$162.00
80882-0304	3-1/2 in. NPT Tapped Flange 51744-1	\$162.00
80882-0305	3 in. NPT Angle Compensated Tapped Flange 72257	\$193.00
80882-0306	3-1/2 in. NPT Angle Compensated Tapped Flange 72098	\$193.00
80882-0338	Openings Rear and Right	\$1,266.00
80882-0364	Openings Right and Up	\$1,471.00
80882-0424	Openings Rear and Up	\$835.00
80882-0438	Openings Rear	\$1,038.00
80882-0440	Openings Right and Up	\$1,906.00
80882-0464	Openings Rear	\$516.00
80882-0465	Openings Rear and Right	\$1,777.00
80882-0480	4 in. NPT Tapped Flange 51744-4	\$307.00

Part No.	Item	Price
80882-0486	Openings Rear and Up	\$896.00
80882-0493	Openings Rear	\$395.00
80882-0511	Openings Right, Front and Up	\$2,141.00
80882-0514	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$1,810.00
80882-0518	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$1,810.00
80882-0519	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$5,115.00
80882-0520	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$5,235.00
	<i>Individual Fittings Ordered</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves Ordered</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Front Discharge Piping	
	<i>Pre-Configured Piping Assemblies</i>	
82551	Manifold 82551	\$415.00
82621-1A	Manifold 82621-1A with 82617-2B.4 Valve	\$5,437.00
	<i>Individual Fittings Ordered</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	Auto Tank Fill System	
	<i>Control System</i>	
	ATF Controls, Cables and Panels	\$3,118.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$3,373.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$3,408.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$3,923.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$3,957.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	<i>Optional Fittings for Intake Nipple Dump Flange</i>	
	Tee with (2) 2-1/2 in. 4-Bolt Flanges and (1) 2-1/2 in. NPT (F) Tap	\$249.00
	Tapped Flange 2-1/2 in. NPT (F)	\$94.00
	Additional Capacity Test	
	Additional Test at 1000, 1250, 1500, 1750 or 2000 GPM	\$335.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Mounted on Left or Right Side of Pump	\$2,422.00
	Separately Mounted 3 in. Valve (CM models)	\$2,562.00
	Separately Mounted Single 4 in. Valve, NPT or BSP (CMU Models)	\$3,135.00
	Separately Mounted Single 4 in. Valve, Victaulic (CMU Models)	\$3,229.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00

Part No.	Item	Price
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-4	Piloted Valve, Pump Mounted, Behind BFV	\$2,461.00
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
82256-6	Piloted Valve, Pump Mounted, In Front of BFV	\$2,367.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1A	Non-Piloted Valve, Pump Mounted	\$508.00
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Installed on Pump at the Factory	\$792.00
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Auto Tank Fill System	
	<i>Control System</i>	
	ATF Controls, Cables and Panels	\$3,118.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$3,373.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$3,408.00

Part No.	Item	Price
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$3,923.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$3,957.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	<i>Optional Fittings for Intake Nipple Dump Flange</i>	
	Tee with (2) 2-1/2 in. 4-Bolt Flanges and (1) 2-1/2 in. NPT (F) Tap	\$249.00
	Tapped Flange 2-1/2 in. NPT (F)	\$94.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	CAF Systems (All Prices are Net)	
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00
	<i>Traditional CAFS Models</i>	
	150-D 150 CFM	\$23,319.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Eclipse 200 CFM (Not available with CMU models)	\$47,838.00
	<i>Eclipse GEN 2.0 CAFS Models</i>	
	150-ECL 150 CFM	\$55,734.00
	<i>Foam Pump</i>	
	<i>Traditional CAFS (Optional)</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Included)</i>	
	Model Aquis 3.0 (Standard, No Charge)	\$0.00
	Model Aquis 6.0	\$1,648.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Foam Manifold only available)</i>	
83620-4E	2-1/2 in. 4-Bolt Pads, Inlet and Outlet	\$756.00
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$866.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$866.00
	<i>Foam Generators (Eclipse GEN 2.0 CAFS Only)</i>	
	Two Generators (Deduct)	(\$1,318.00)
	Three Generators (No Charge)	\$0.00
	High Rise Option	\$1,365.00
	High Flow Option (No Charge)	\$0.00
	Discharge Splitting Valve	\$2,710.00
	<i>Tellurus HMI Panel</i>	
	Single Panel (No Charge)	\$0.00
	Dual Panels	\$5,996.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kit</i>	
83368-3C	150, 200 CFM (Kit 53742-C)	\$1,751.00
	Additional Accessories	

Part No.	Item	Price
	See Separate CAFS Accessories Price List	\$0.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Not available if CAFS ordered)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00

F-2669-CM



January 1, 2023 Sales Price List

CP Series Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.

Part No.	Item	Iron Price
	CP-2 Series Pump Models	
	CPK-2	\$6,133.00
	CPT-2	\$8,057.00
	CP-3 Series Pump Models	
	CPK-3	\$14,140.00
	CPT-3	\$16,025.00
	CP-4 Series Pump Models	
	CPK-4	\$16,854.00
	CPT-4	\$18,883.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-1/8 in. Round with Key (No Charge)	\$0.00
	SAE Class C Spline (1-1/4-14T Involute) with 2 or 4 Bolt Hydraulic Adapter	\$1,301.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
Q-0315208	1310 Series Companion Flange (1-1/8 in. Round with key)	\$167.00
	<i>Optional Suspension Pin Mounting Kit</i>	
K 520	Suspension Pin Mounting Kit	\$155.00
	T Series Transmission	
	<i>Clutch Drive Plate (Required)</i>	
	For No. 6-1/2 Clutch	\$555.00
	For No. 7-1/2 Clutch	\$339.00
	For No. 8 Clutch	\$300.00
	For No. 10 Clutch	\$503.00
	For No. 11-1/2 Clutch	\$300.00
	Pump Suspension Pin Mounting Kit (CP-3 Series)	
K520	Optional Suspension Pin Mounting Kit	\$155.00
	Pump Seal	
	Mechanical Seals (Standard, No Charge)	\$0.00

Part No.	Item	Iron Price
	Pump Shaft Material	
	Stainless Steel (Standard, No Charge) (All Models)	\$0.00
	Monel (Optional, CP-2 Series Only)	\$1,418.00
	Intake (CP-3 Series)	
	No Fitting (Open Flange)	\$245.00
	With 4 in. NPT (F) Tee Adapter (No Charge)	\$0.00
	Intake Screens	
	See Separate Intake Fitting Price List	\$0.00
	Discharge (CP-3 Series)	
	<i>Optional Tapped Flange</i>	
	2 in. NPT (F)	\$179.00
	2 in. NPT (F) with Spacer	\$514.00
	2-1/2 in. NPT (F)	\$179.00
	2-1/2 in. NPT (F) with Spacer	\$514.00
	<i>Optional Tee Adapter</i>	
	2 in. NPT (F) Taps	\$397.00
	2 in. NPT (F) Taps with Top Tap	\$453.00
	2 in. NPT (F) Taps with Spacer	\$732.00
	2 in. NPT (F) Taps with Spacer and Top Tap	\$788.00
	2-1/2 in. NPT (F) Taps	\$435.00
	2-1/2 in. NPT (F) Taps with Top Tap	\$492.00
	2-1/2 in. NPT (F) Taps with Spacer	\$771.00
	2-1/2 in. NPT (F) Taps with Spacer and Top Tap	\$828.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Separately Mounted 2 in. Valve	\$1,520.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt Primer	\$1,421.00
	24 Volt Primer	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	

Part No.	Item	Iron Price
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	<i>RTP (Around the Pump)</i>	
83157-2C	Separately Mounted (Price is List)	\$973.00
	CAF Systems (All Prices are Net)	
	<i>Traditional CAFS Models</i>	
	100-P 100 CFM	\$20,664.00
	120-P 120 CFM	\$21,316.00
	<i>Foam Pump</i>	
	See Separate Foam System Price List	\$0.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Sump</i>	
	<i>Vertical Tank</i>	
	All Models, Standard, No Charge	\$0.00
	<i>Tee Tank</i>	
	Optional	\$468.00
	<i>Sump Vent (Optional)</i>	
	12 or 24 Volt	\$465.00
	<i>Main Oil Cooler (All Models)</i>	
	Water Cooler (Standard, No Charge)	\$0.00
	Air Cooler, 12 or 24 Volt (Optional, No Charge)	\$0.00
	<i>Secondary Oil Cooler (Optional for All Models)</i>	
	Air Cooler, 12 or 24 Volt	\$1,562.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kits</i>	
83368-3B	100-120 CFM (Kit 53742-B)	\$1,157.00
	<i>Oil Inject Check Valves</i>	
83368-2B	1/2 in., 100, 120 CFM Systems	\$173.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00

Part No.	Item	Iron Price
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Not available if CAFS ordered)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00

F-2669-CP



January 1, 2023 Sales Price List

CR and CZ Series Single Stage Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Iron Price
	CR Series Pump Models	
	CR (Direct Drive)	\$13,736.00
	CRQA	\$19,225.00
	CRQB	\$25,098.00
	CRQC	\$26,834.00
	CRU-1 (Direct Drive)	\$20,766.00
	CRU-2 (Direct Drive)	\$24,722.00
	CRUC23-2	\$33,254.00
	CRUQC-2	\$32,181.00
W37156-4	Optional 9-3/4 x 10 in. O-ring for CRU-1 Intake Flange	\$9.00
	CZ Series Pump Models	
	CZ	\$10,910.00
	CZU	\$14,011.00
	D Series Transmission	
	<i>Input Shaft</i>	
	CR, CRU-1, CRU-2: 1-3/4-10 SAE Spline (No Charge)	\$0.00
	CZ, CZU: 1.462-35T Involute Spline (No Charge)	\$0.00
	<i>Optional Companion Flanges and End Yokes</i>	
	<i>1-3/4-10 SAE Spline (CR, CRU-1, CRU-2)</i>	
61319	Companion Flange, 1480/1550 Series	\$338.00
61320	Companion Flange, 1610 Series	\$597.00
V 3077	End Yoke, 1550 Series	\$248.00
V 3761	End Yoke, SPL 90 Series	\$238.00
	<i>1.462-35T Involute Spline (CZ, CZU)</i>	
63191	Companion Flange, 1550 Series	\$925.00
	C23 Series Transmission	
	<i>Input Shaft</i>	
	2.35-46T Involute Spline (No Charge)	\$0.00

Part No.	Item	Iron Price
	<i>Driveline Type</i>	
	Input and Output Shaft (No Charge)	\$0.00
	Input Shaft Only (No Charge)	\$0.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class C 4-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	QA, QB, QC Series Transmissions	
	<i>Input Shaft Connection</i>	
	1-3/4-10 SAE Spline (No Charge)	\$0.00
	<i>Optional Direct Engine Mounting (Model QC only)</i>	
	SAE No. 2 Bellhousing Adapter (No Charge)	\$0.00
	Drive Plate for No. 11-1/2 Clutch	\$2,375.00
	Optional Companion Flanges and End Yokes	\$0.00
	1-3/4-10 SAE Spline (CR, CRU-1, CRU-2)	\$0.00
61319	Companion Flange, 1480/1550 Series	\$338.00
61320	Companion Flange, 1610 Series	\$597.00
V 3077	End Yoke, 1550 Series	\$248.00
V 3761	End Yoke, SPL 90 Series End Yoke	\$238.00
V 3861-1	End Yoke. 1350/1410 Series	\$0.00
	1.462-35T Involute Spline (CZ, CZU)	\$0.00
63191	Companion Flange, 1550 Series	\$925.00
	Impeller Inducer	
	Impeller Inducer (Required for CRU-2 Model with 4000 GPM Capacity)	\$1,428.00
	Pump Seal	
	Mechanical Seals (Standard, No Charge)	\$0.00
	Optional Intake Side Mounting Bracket	
	CR Series Models (No Charge)	\$0.00
	CZ Series Models	\$162.00
	Discharge (CR Series)	
	CR Models	\$0.00
	No Fitting (Open Flange) (Price Deduct)	(\$196.00)
	CRU-1 Models	\$0.00
	Pressure Control System	

Part No.	Item	Iron Price
	<i>Discharge Relief Valve</i>	
	Separately Mounted Single 4 in. Valve, NPT or BSP	\$3,135.00
	Separately Mounted Single 4 in. Valve, Victaulic	\$3,229.00
	Separately Mounted Dual 4 in. Valves	\$6,265.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-4	Piloted Valve, Pump Mounted, Behind BFV	\$2,461.00
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
82256-6	Piloted Valve, Pump Mounted, In Front of BFV	\$2,367.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1A	Non-Piloted Valve, Pump Mounted	\$508.00
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt Single Primer	\$1,421.00
	24 Volt Single Primer	\$1,859.00
	24 Volt Dual Primers	\$6,265.00
	12 Volt Dual Primers	\$6,265.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	Dual Vacuum Activated	\$1,010.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00

Part No.	Item	Iron Price
	OPM (Overheat Protection Manager)	
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Non-Discountable)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00

F-2669-CRCZ



January 1, 2023 Sales Price List

CS and CSU Series Midship Single Stage Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Price
	CS Series Pump Models	
	CS Series	
	CSC22B	\$23,415.00
	CSC22C	\$23,804.00
	CSC22D	\$24,180.00
	CSC22E	\$24,553.00
	CSC22F	\$24,914.00
	CSD	\$13,797.00
	CSK	\$20,870.00
	CSPA	\$22,096.00
	CSQC	\$31,594.00
	CSU Series	
	CSUC22B	\$26,934.00
	CSUC22C	\$27,324.00
	CSUC22D	\$27,704.00
	CSUC22E	\$28,070.00
	CSUC22F	\$28,435.00
	CSUD	\$17,317.00
	CSUK	\$26,419.00
	CSUPA	\$25,732.00
	CSUQC	\$34,834.00
	C22 Series Transmission	
	<i>Mounting on Pump</i>	
	Rear (No Charge)	\$0.00
	Front	\$869.00
	<i>Input Shaft</i>	
	2.35-46T Involute Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	

Part No.	Item	Price
	Input and Output Shaft (No Charge)	\$0.00
	Input Shaft Only (No Charge)	\$0.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
	Without Operators Panel	\$920.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-3/8-10 SAE Spline, Model CMK (No Charge)	\$0.00
	1-1/2-10 SAE Spline, Model CMUK (No Charge)	\$0.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
	<i>CSK Models:</i>	
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	<i>CSUK Models:</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	PA Series Transmission	
	<i>Input Shaft Connection</i>	
	1-1/2-10 SAE Spline (No Charge)	\$0.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$1,651.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$155.00
	<i>Optional Driveline End Yokes and Companion Flanges (Price Listed for One Yoke or Flange)</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00

Part No.	Item	Price
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	QC Series Transmission	
	<i>Input Shaft Connection</i>	
	1-3/4-10 SAE Spline (No Charge)	\$0.00
	Optional Companion Flanges and End Yokes	\$0.00
	1-3/4-10 SAE Spline (CR, CRU-1, CRU-2)	\$0.00
61319	Companion Flange, 1480/1550 Series	\$338.00
61320	Companion Flange, 1610 Series	\$597.00
V 3077	End Yoke, 1550 Series	\$248.00
V 3761	End Yoke, SPL 90 Series End Yoke	\$238.00
V 3861-1	End Yoke. 1350/1410 Series	\$0.00
	Impeller Flame Plating	
	CS Series Pumps (Optional)	\$829.00
	CSU Series Pumps (Standard, No Charge)	\$0.00
	Pump Seal	
	Packing (Standard, No Charge)	\$0.00
	Optional Mechanical Seals	\$769.00
	Pump Shaft Material	
	Stainless Steel (Standard, No Charge)	\$0.00
	Monel (Optional)	\$2,143.00
	Tank to Pump Flange Fittings	
	<i>Optional Check Valve</i>	
	With Check Valve	\$147.00
	<i>Optional Fittings</i>	
	2-1/2 in. NPT Flange (F)	\$137.00
	3 in. NPT Flange (F)	\$154.00
	4 in. ANSI Fitting	\$520.00
	Blind Flange	\$120.00
	<i>Optional Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Left and Right Intake	
	<i>Intake Adapters</i>	
	Rear Flange with 5 in. ANSI Flange	\$2,408.00
	Rear Flange with 5 in. Grooved (Victaulic) Fitting	\$2,279.00
	<i>Intake Extensions</i>	
	1 in. Long	\$293.00
	4 in. Long	\$627.00
	<i>Intake Fittings</i>	
	See Separate Intake Fitting Price List	\$0.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Butterfly or Ball Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	<i>Intake Screens</i>	
	See Separate Intake Fitting Price List	\$0.00
	Left and Right Discharge	
	<i>Extensions</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Discharge Fittings</i>	
	See Separate Discharge Fitting Price List	\$0.00

Part No.	Item	Price
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Center Discharge	
	<i>Pre-Configured Piping Assemblies</i>	
80882-0003	Openings Rear	\$1,132.00
80882-0009	Openings Rear	\$395.00
80882-0113	Openings Rear	\$1,996.00
80882-0224	Openings Rear	\$533.00
80882-0252	Openings Rear	\$835.00
80882-0301	Blind Flange with Drain	\$105.00
80882-0303	3 in. NPT Tapped Flange 51744	\$162.00
80882-0304	3-1/2 in. NPT Tapped Flange 51744-1	\$162.00
80882-0305	3 in. NPT Angle Compensated Tapped Flange 72257	\$193.00
80882-0306	3-1/2 in. NPT Angle Compensated Tapped Flange 72098	\$193.00
80882-0338	Openings Rear and Right	\$1,266.00
80882-0364	Openings Right and Up	\$1,471.00
80882-0424	Openings Rear and Up	\$835.00
80882-0438	Openings Rear	\$1,038.00
80882-0440	Openings Right and Up	\$1,906.00
80882-0464	Openings Rear	\$516.00
80882-0465	Openings Rear and Right	\$1,777.00
80882-0480	4 in. NPT Tapped Flange 51744-4	\$307.00
80882-0486	Openings Rear and Up	\$896.00
80882-0493	Openings Rear	\$395.00
80882-0511	Openings Right, Front and Up	\$2,141.00
80882-0514	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$1,810.00
80882-0518	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$1,810.00
80882-0519	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$5,115.00

Part No.	Item	Price
80882-0520	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$5,235.00
	<i>Individual Fittings Ordered</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves Ordered</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Front Discharge Piping	
	<i>Pre-Configured Piping Assemblies</i>	
82551	Manifold 82551	\$415.00
82621-1A	Manifold 82621-1A with 82617-2B.4 Valve	\$5,437.00
	<i>Individual Fittings Ordered</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	Auto Tank Fill System	
	<i>Control System</i>	
	ATF Controls, Cables and Panels	\$3,118.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$3,373.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$3,408.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$3,923.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$3,957.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	<i>Optional Fittings for Intake Nipple Dump Flange</i>	
	Tee with (2) 2-1/2 in. 4-Bolt Flanges and (1) 2-1/2 in. NPT (F) Tap	\$249.00
	Tapped Flange 2-1/2 in. NPT (F)	\$94.00
	Additional Capacity Test	
	Additional Test at 1000, 1250, 1500, 1750 or 2000 GPM	\$335.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Mounted on Left or Right Side of Pump	\$2,422.00
	Separately Mounted 3 in. Valve (CS models)	\$2,562.00
	Separately Mounted Single 4 in. Valve, NPT or BSP (CSU Models)	\$3,135.00
	Separately Mounted Single 4 in. Valve, Victaulic (CSU Models)	\$3,229.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-4	Piloted Valve, Pump Mounted, Behind BFV	\$2,461.00
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
82256-6	Piloted Valve, Pump Mounted, In Front of BFV	\$2,367.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1A	Non-Piloted Valve, Pump Mounted	\$508.00
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	

Part No.	Item	Price
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Installed on Pump at the Factory	\$792.00
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Auto Tank Fill System	
	<i>Control System</i>	
	ATF Controls, Cables and Panels	\$3,118.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$3,373.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$3,408.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$3,923.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$3,957.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	<i>Optional Fittings for Intake Nipple Dump Flange</i>	
	Tee with (2) 2-1/2 in. 4-Bolt Flanges and (1) 2-1/2 in. NPT (F) Tap	\$249.00
	Tapped Flange 2-1/2 in. NPT (F)	\$94.00
	Foam System (All Prices are Net unless Noted)	

Part No.	Item	Price
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	CAF Systems (All Prices are Net)	
	<i>Traditional CAFS Models</i>	
	150-D 150 CFM	\$23,319.00
	<i>Eclipse GEN 2.0 CAFS Models</i>	
	150-ECL 150 CFM	\$55,734.00
	<i>Foam Pump</i>	
	<i>Traditional CAFS (Optional)</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Included)</i>	
	Model Aquis 3.0 (Standard, No Charge)	\$0.00
	Model Aquis 6.0	\$1,648.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Foam Manifold only available)</i>	
83620-4E	2-1/2 in. 4-Bolt Pads, Inlet and Outlet	\$756.00
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$866.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$866.00
	<i>Foam Generators (Eclipse GEN 2.0 CAFS Only)</i>	
	Two Generators (Deduct)	(\$1,318.00)
	Three Generators (No Charge)	\$0.00
	High Rise Option	\$1,365.00
	High Flow Option (No Charge)	\$0.00
	Discharge Splitting Valve	\$2,710.00
	<i>Tellurus HMI Panel</i>	
	Single Panel (No Charge)	\$0.00
	Dual Panels	\$5,996.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kit</i>	
83368-3C	150 CFM (Kit 53742-C)	\$1,751.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Not available if CAFS ordered)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00



January 1, 2023 Sales Price List

CX Series Single Stage Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

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- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Iron Price
	CX Series Pump Models	
	CXS Series	
	CXSC22B	\$19,407.00
	CXSC22C	\$19,407.00
	CXSC22D	\$20,155.00
	CXSC22E	\$20,517.00
	CXSC22F	\$20,872.00
	CXSD	\$8,728.00
	CXSK	\$15,241.00
	CXSPA	\$16,436.00
	CXST	\$17,058.00
	CXV Series	
	CXVC22B	\$18,232.00
	CXVC22C	\$18,232.00
	CXVC22D	\$18,984.00
	CXVC22E	\$19,346.00
	CXVC22F	\$19,699.00
	CXD	\$7,595.00
	CXVK	\$14,068.00
	CXVPA	\$15,262.00
	CXVQB	\$19,377.00
	CXVT	\$15,885.00
	CXN Series	
	CXNC22B	\$18,232.00
	CXNC22C	\$18,232.00
	CXNC22D	\$18,984.00
	CXNC22E	\$19,346.00
	CXNC22F	\$19,699.00

Part No.	Item	Iron Price
	CXND	\$7,595.00
	CXNK	\$14,068.00
	CXNPA	\$15,262.00
	CXNT	\$15,885.00
W37108-6	Optional 6-3/4 x 7-1/8 in. O-ring for CXN Intake Flange	\$9.00
	D Series Transmission	
	<i>Input Shaft</i>	
	<i>Optional Companion Flanges and End Yokes</i>	
72939	1350/140 Series Companion Flange (1-3/8-10 SAE Spline)	\$376.00
72939	1-3/8-10 SAE Spline (No Charge)	\$0.00
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	C22 Series Transmission	
	<i>Input Shaft</i>	
	2.35-46T Involute Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	
	Input and Output Shaft (No Charge)	\$0.00
	Input Shaft Only (No Charge)	\$0.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
	Without Operators Panel	\$920.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-3/8-10 SAE Spline (No Charge)	\$0.00
	SAE Class C Spline (1-1/4-14T Involute) with 2 or 4 Bolt Hydraulic Adapter	\$1,301.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00

Part No.	Item	Iron Price
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	<i>Optional Suspension Pin Mounting Kit</i>	
K 520	Suspension Pin Mounting Kit	\$155.00
	PA Series Transmission	
	<i>Input Shaft Connection</i>	
	1-1/2-10 SAE Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	
	Input Shaft Only (No Charge)	\$0.00
	Input and Output Shaft	\$1,361.00
	<i>Optional Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$155.00
	<i>Optional Driveline End Yokes and Companion Flanges (Price Listed for One Yoke or Flange)</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	T Series Transmission	
	<i>Clutch Drive Plate (Required)</i>	
	For No. 10 Clutch	\$531.00
	For No. 11-1/2 Clutch	\$544.00
	Q Series Transmission	
	<i>Input Shaft</i>	
	1-3/4-10 SAE Spline (No Charge)	\$0.00
	<i>Driveline End Yokes and Companion Flanges (Included, No Charge)</i>	
V 3861-1	1350/1410 Series Companion Flange (Front Mounted Pumps)	\$0.00
V 3761	SPL90 Series End Yoke (Rear Mounted Pumps)	\$0.00
	Impeller Flame Plating	
	Optional Flame Plating	\$860.00
	Impeller Inducer	
	Optional Impeller Inducer	\$524.00
	Pump Seal	
	Mechanical Seals (Standard, No Charge)	\$0.00
	Pump Shaft Material	
	Stainless Steel (Standard, No Charge)	\$0.00
	Monel (Optional)	\$2,583.00
	Intake Screens	
	See Separate Intake Fitting Price List	\$0.00
	Discharge	
	Manifold with 3-1/2 in. 8-Bolt End Flanges (6) Pads in Total	\$2,029.00
	Manifold with 4 in. 8-Bolt End Flanges (11) Pads in Total	\$1,530.00
	No Fitting (Open Flange) (No Charge)	\$0.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves Mounted on Pads</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00

Part No.	Item	Iron Price
	Additional Capacity Test	
	Additional Test at 750, 1000, 1250 or 1500 GPM	\$335.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Separately Mounted 3 in. Valve	\$2,562.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Auto Tank Fill System	
	<i>Control System</i>	

Part No.	Item	Iron Price
	ATF Controls, Cables and Panels	\$3,118.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$3,373.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$3,408.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$3,923.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$3,957.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	<i>Optional Fittings for Intake Nipple Dump Flange</i>	
	Tee with (2) 2-1/2 in. 4-Bolt Flanges and (1) 2-1/2 in. NPT (F) Tap	\$249.00
	Tapped Flange 2-1/2 in. NPT (F)	\$94.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	<i>RTP (Around the Pump)</i>	
83157-2C	Separately Mounted (Price is List)	\$973.00
	CAF Systems (All Prices are Net)	
	<i>Traditional CAFS Models</i>	
	150-P 150 CFM (for CXK)	\$27,119.00
	150-P 150 CFM (for CXPA)	\$26,482.00
	150-T 150 CFM (for CXT)	\$30,009.00
	150-ESD 150 CFM (for CXC20/CXC22)	\$23,318.00
	Eclipse ES 200 CFM (for CXC20/CXC22)	\$31,801.00
	200-P 200 CFM (for CXK)	\$31,503.00
	<i>Eclipse GEN 2.0 CAFS Models</i>	
	150-ECL 150 CFM (for CXK)	\$43,896.00
	150-ECL 150 CFM (for CXPA)	\$43,896.00
	150-ESECL 150 CFM (for CXC20/CXC22)	\$55,734.00
	150-ECLT 150 CFM (for CXT)	\$43,896.00
	<i>Foam Pump</i>	
	<i>Traditional CAFS (Optional)</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Included)</i>	
	Model Aquis 3.0 (Standard, No Charge)	\$0.00
	Model Aquis 6.0	\$1,648.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Foam Manifold only available)</i>	
83620-4E	2-1/2 in. 4-Bolt Pads, Inlet and Outlet	\$756.00
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$866.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$866.00
	<i>Foam Generators (Eclipse GEN 2.0 CAFS Only)</i>	
	Two Generators (Deduct)	(\$1,318.00)
	Three Generators (No Charge)	\$0.00

Part No.	Item	Iron Price
	High Rise Option	\$1,365.00
	High Flow Option (No Charge)	\$0.00
	Discharge Splitting Valve	\$2,710.00
	<i>Tellurus HMI Panel</i>	
	Single Panel (No Charge)	\$0.00
	Dual Panels	\$5,996.00
	<i>Sump</i>	
	<i>Vertical Tank</i>	
	All Models, Standard, No Charge	\$0.00
	<i>Tee Tank</i>	
	Optional	\$468.00
	<i>Sump Vent</i>	
	<i>150 CFM Systems</i>	
	Standard (No Charge)	\$0.00
	<i>All Other Systems</i>	
	Optional, 12 or 24 Volt	\$465.00
	<i>Main Oil Cooler (All Models)</i>	
	Water Cooler (Standard, No Charge)	\$0.00
	Air Cooler, 12 or 24 Volt (Optional, No Charge)	\$0.00
	<i>Secondary Oil Cooler (Optional for All Models)</i>	
	Air Cooler, 12 or 24 Volt	\$1,562.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kits</i>	
83368-3C	150, 200 CFM (Kit 53742-C)	\$1,751.00
	<i>Oil Inject Check Valves</i>	
83368-2B	1/2 in., 150 CFM Systems	\$173.00
83368-2C	3/4 in., 200 CFM Systems	\$178.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Not available if CAFS ordered)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00



January 1, 2023 Sales Price List

HLU Series Simultaneous High Low Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Aluminum
	HLU Series Fire Pump Models	
	HLUD (Direct Drive)	\$23,118.00
	HLUK (Gear Drive)	\$30,303.00
	Crossover Valve Actuator	
	Manual (No Charge)	\$0.00
	Pneumatic	\$4,791.00
	Intake Size	
	4-Bolt Flange (No Charge)	\$0.00
	D Series Transmission	
	<i>Input Shaft</i>	
	<i>Companion Flange Furnished</i>	
	1350/1410 Series Included (No Charge)	\$0.00
	1.492-35T Involute Spline (No Charge)	\$0.00
	K Series Transmission	
	<i>Input Shaft</i>	
	1-3/8-10 SAE Spline (No Charge)	\$0.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
	PA Series Transmission	
	Priming System	
	<i>Priming Pump</i>	
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$1,421.00

Part No.	Item	Aluminum
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Included with Pump (No Charge)	\$0.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Air Primer and VAP Priming Valve	\$0.00
	Auto Prime Feature	\$0.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Fittings for Intake and Discharge Manifold Pads	
	Fittings for Intake Adapter Pads 1 and 2	
83156-11A	Blind Flange	\$127.00
83156-11B	Foam Flange With Blind Foam Pad	\$102.00
83156-11C	Auxiliary Manifold With (3) inlets	\$524.00
	Fittings for Optional Auxiliary Intake Manifold	
	<i>Pads 1A, 1B, 2A and 2B</i>	
83156-3A	Blind Flange	\$127.00
83156-3D	1 in. NPT Tapped Flange	\$191.00
	<i>Pads 1C and 2C</i>	
83156-11A	Blind Flange	\$127.00
83156-11B	Foam Flange With Blind Foam Pad	\$102.00
	Fittings for Discharge Manifold Pads 1 thru 4, 8 and 9	
83156-3A	Blind Flange	\$127.00
83156-3D	1 in. NPT Tapped Flange	\$191.00
83156-3E	1-1/2 in. NPT Tapped Flange	\$144.00
83156-3F	2 in. NPT Tapped Flange	\$144.00
83156-3G	2-1/2 in. NPT Tapped Flange	\$144.00
	Fittings for Discharge Manifold Pads 5 and 6	
83156-13A	Blind Flange	\$128.00
83156-13B	3 in. NPT Tapped Flange	\$166.00
	Fittings for Auxiliary High Pressure Discharge Pad 7	
83156-1C	1 in. NPT Tapped Flange	\$173.00
83156-1D	Manifold	\$239.00
	Optional Items	
52953	12 or 24 Volt Tachometer / Hourmeter	\$550.00
V 4228	Compound Gauge, -30 to 400 psi	\$451.00
V 4229	Pressure Gauge, 0 to 400 psi	\$451.00
V 4230	Pressure Gauge, 0 to 1000 psi	\$451.00

Part No.	Item	Aluminum
K 1104	12 Volt Light Bulb Kit, Required for 12V Tachometer/Hourmeter (No Charge)	\$0.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	<i>RTP (Around the Pump)</i>	
83157-2A	Mounted on the Pump (Price is List)	\$973.00
83157-2C	Separately Mounted (Price is List)	\$973.00
	Paint Color	
	Red Enamel	\$305.00
	TPP Labor Warranty (Non-Discountable)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00

F-2669-HLU



January 1, 2023 Sales Price List

S100 Series Single Stage Fire Pumps

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Price
	S100 Series, Single Victaulic Intake	
	S100C22B	\$24,908.00
	S100C22C	\$25,290.00
	S100C22D	\$26,056.00
	S100C22E	\$26,423.00
	S100C22F	\$26,785.00
	S100D	\$14,688.00
	S100PA	\$22,260.00
	S100QC	\$0.00
	S101 Series, Crosspipe Intake	
	S101C22C	\$27,285.00
	S101C22D	\$28,050.00
	S101C22E	\$28,415.00
	S101C22F	\$28,778.00
	D Series Transmission	
	1410 Series End Yoke (Included, No Charge)	\$0.00
	<i>Optional Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$2,124.00
	C22 Series Transmission	
	<i>Input Shaft</i>	
	2.35-46T Involute Spline (No Charge)	\$0.00
	<i>Driveline Type</i>	
	Input and Output Shaft (No Charge)	\$0.00
	Input Shaft Only (No Charge)	\$0.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00

Part No.	Item	Price
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
	Without Operators Panel	\$920.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	PA Series Transmission	
	<i>Input Shaft Connection</i>	
	1-1/2-10 SAE Spline (No Charge)	\$0.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$155.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	Q Series Transmission	
	<i>Input Shaft Connection</i>	
	1-3/4-10 SAE Spline (No Charge)	\$0.00
	<i>Optional Direct Engine Mounting (Model QC only)</i>	
	SAE No. 2 Bellhousing Adapter (No Charge)	\$0.00
	Drive Plate for No. 11-1/2 Clutch	\$2,375.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 3077	1550 Series End Yoke (1-3/4-10 SAE Spline)	\$248.00
V 3761	SPL90 Series End Yoke (1-3/4-10 SAE Spline)	\$238.00
61319	1480/1550 Series Companion Flange (1-3/4-10 SAE Spline)	\$338.00
61320	1610 Series Companion Flange (1-3/4-10 SAE Spline)	\$597.00
	Left and Right Intake (S101 Series Only)	
	<i>Intake Extension</i>	
	1 in. Long	\$293.00
	4 in. Long	\$627.00
	<i>Intake Fittings</i>	
	See Separate Intake Fitting Price List	\$0.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Butterfly or Ball Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Tank to Pump Flange Fittings (S101 Series Only)	
	<i>Optional Check Valve</i>	
	With Check Valve	\$147.00
	<i>Optional Fittings</i>	

Part No.	Item	Price
	2-1/2 in. NPT Flange (F)	\$137.00
	3 in. NPT Flange (F)	\$154.00
	4 in. ANSI Fitting	\$520.00
	Blind Flange	\$120.00
	Intake Screens	
	See Separate Intake Fitting Price List	\$0.00
	Discharge	
	Adapter 4 in. to 5 in. ANSI	\$582.00
	Manifold with 4 in. 8-Bolt End Flanges (11) Pads in Total	\$2,009.00
	No Fitting (Open Flange) (No Charge)	\$0.00
	<i>Auxiliary Fittings Mounted on Pads</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Ball Discharge Valves Mounted on Pads</i>	
	See Separate Intake and Discharge Valve Price List	\$0.00
	Additional Capacity Test	
	Additional Test at 1250, 1500, 1750 or 2000 GPM	\$335.00
	Pressure Control System	
	<i>Discharge Relief Valve</i>	
	Separately Mounted Single 4 in. Valve, NPT or BSP	\$3,135.00
	Separately Mounted Single 4 in. Valve, Victaulic	\$3,229.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$1,643.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$43.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$178.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-4	Piloted Valve, Pump Mounted, Behind BFV	\$2,461.00
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$2,565.00
82256-6	Piloted Valve, Pump Mounted, In Front of BFV	\$2,367.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1A	Non-Piloted Valve, Pump Mounted	\$508.00
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$665.00
	Priming System	
	<i>Priming Pump</i>	
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt Single Primer	\$1,421.00
	24 Volt Single Primer	\$1,859.00
	24 Volt Dual Primers	\$6,265.00
	12 Volt Dual Primers	\$6,265.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	Dual Vacuum Activated	\$1,010.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00

Part No.	Item	Price
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Drain Valve	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	OPM (Overheat Protection Manager)	
	Installed on Pump at the Factory	\$792.00
	Separately Mounted (Mounted by OEM)	\$933.00
	Optional Audible Alarm	\$228.00
	Auto Tank Fill System	
	<i>Control System</i>	
	ATF Controls, Cables and Panels	\$3,118.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$3,373.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$3,408.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$3,923.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$3,957.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$321.00
	<i>Optional Fittings for Intake Nipple Dump Flange</i>	
	Tee with (2) 2-1/2 in. 4-Bolt Flanges and (1) 2-1/2 in. NPT (F) Tap	\$249.00
	Tapped Flange 2-1/2 in. NPT (F)	\$94.00
	Foam System (All Prices are Net unless Noted)	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$0.00
	<i>RTP (Around the Pump)</i>	
83157-2C	Separately Mounted (Price is List)	\$973.00
	CAF Systems (All Prices are Net)	
	<i>Traditional CAFS Models</i>	
	Eclipse ES 200 CFM (for S100)	\$31,801.00
	<i>Foam Pump</i>	
	<i>Traditional CAFS (Optional)</i>	
	See Separate Foam System Price List	\$0.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Sump</i>	

Part No.	Item	Price
	<i>Vertical Tank</i>	
	All Models, Standard, No Charge	\$0.00
	<i>Tee Tank</i>	
	Optional	\$468.00
	<i>Sump Vent</i>	
	<i>150 CFM Systems</i>	
	Standard (No Charge)	\$0.00
	<i>All Other Systems</i>	
	Optional, 12 or 24 Volt	\$465.00
	<i>Main Oil Cooler (All Models)</i>	
	Water Cooler (Standard, No Charge)	\$0.00
	Air Cooler, 12 or 24 Volt (Optional, No Charge)	\$0.00
	<i>Secondary Oil Cooler (Optional for All Models)</i>	
	Air Cooler, 12 or 24 Volt	\$1,562.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kits</i>	
83368-3C	200 CFM (Kit 53742-C)	\$1,751.00
	<i>Oil Inject Check Valves</i>	
83368-2C	3/4 in., 200 CFM Systems	\$178.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Paint Color	
	Red Primer (No Charge)	\$0.00
	Gray Primer (No Charge)	\$0.00
	Black Primer (No Charge)	\$0.00
	TPP Labor Warranty (Non-Discountable)	
	3 Year Labor Warranty (Price is Net)	\$1,016.00
	5 Year Labor Warranty (Price is Net)	\$1,692.00



January 1, 2023 Sales Price List

Discharge and Auxiliary Fittings

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

- 1) All pricing is Ex-Works LIST price in U.S. dollars unless noted otherwise.
- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
- 5) Consult factory for availability and pricing of bronze material.
- 6) Prices and Specifications are subject to change without notice.

Part No.	Item	Iron Price
	Anodes	
52315	2-1/2 in. NPT	\$241.00
52315-1	3 in. NPT	\$233.00
82904-1A	4-Bolt	\$220.00
	Blind Flanges	
52042-1	8-Bolt with 3/8 NPT Drain	\$104.00
52042-1A	8-Bolt with 3/8 NPT Drain	\$104.00
52042-2A	8-Bolt with 3/8 NPT Drain (Front Discharge)	\$0.00
62939-A	4-Bolt	\$54.00
62950-A	3 in. Relief Valve Pad	\$107.00
63615-A	2-1/2 in. Uni-Body (Akron/Elkhart) 4-Bolt	\$104.00
63642-A	3 in. Uni-Body (Akron/Elkhart) 4-Bolt	\$117.00
72569-A	4 in. Relief Valve Pad	\$121.00
V 3338-A	4 in. ANSI	\$233.00
	Conductivity Probe Tap Plug	
53072-A	Plug for Conductivity Probe Tap (No Charge)	\$0.00
	Discharge Manifolds	
82522-A	Manifold with 4 in. End Flanges, 2-1/2 in. Side Pads, (11) Pads Total (21st Century)	\$1,514.00
82522-A	Manifold with 4 in. End Flanges, 3 in. Side Pads, (11) Pads Total (21st Century)	\$1,514.00
83167-1A	H Manifold, Left Side, WAT 2-1/2 in. 4-Bolt	\$1,756.00
83167-1B	H Manifold, Left Side, U.B. 3 in. 4-Bolt, WAT 2-1/2 in. 4-Bolt	\$1,756.00
83167-1C	H Manifold, Left Side, WAT 3 in 4-Bolt., WAT 2-1/2 in. 4-Bolt	\$1,756.00
83167-1D	H Manifold, Left Side, Combination WAT 2-1/2 in. 4-Bolt with U.B. 3 in. with 3 in. Opening	\$1,756.00
83167-2A	H Manifold, Right Side, WAT 2-1/2 in. 4-Bolt	\$1,756.00
83167-2B	H Manifold, Right Side, U.B. 3 in. 4-Bolt, WAT 2-1/2 in. 4-Bolt	\$1,756.00
83167-2C	H Manifold, Right Side, WAT 3 in 4-Bolt., WAT 2-1/2 in. 4-Bolt	\$1,756.00

Part No.	Item	Iron Price
83167-2D	H Manifold, Right Side, Combination WAT 2-1/2 in. 4-Bolt with U.B. 3 in. with 3 in. Opening	\$1,756.00
	Elbows	
61424-A	4-Bolt, Short, 90 Deg.	\$166.00
70436-A	4-Bolt, 45 Deg.	\$235.00
71017-A	4-Bolt, Long Sweep, 90 Deg.	\$300.00
71443-A	4-Bolt, Medium, 90 Deg	\$189.00
71443-1A	4-Bolt, Medium, 90 Deg With 1 in. NPT Tap	\$242.00
71443-2A	4-Bolt Uni-Body (Akron/Elkhart), Medium, 90 Deg With 1 in. NPT Tap	\$242.00
82533-ABZ	4-Bolt, 30 deg. for AWG Valve (Bronze)	\$256.00
71597	8-Bolt, 90 Deg.	\$249.00
71597-A	8-Bolt, 90 Deg.	\$249.00
71597-AA	8-Bolt, 90 Deg. (Front Discharge)	\$249.00
71597-AAS	8-Bolt, 90 Deg. With Spacer (Front Discharge)	\$402.00
71597-ADI	8-Bolt, 90 Deg. (Ductile Iron)	\$357.00
71597-H	8-Bolt, 90 Deg. (H Manifold, Pad 5)	\$249.00
82607-ADI	8-Bolt, 90 Deg. With 4 Deg. Angle Compensation (Ductile Iron)	\$545.00
	Extensions	
60346-A	4-Bolt , 6 in. Long with 2-1/2 NPT Tap	\$240.00
6038-3A	4-Bolt , 3 in. Long	\$158.00
6038-4A	4-Bolt , 4 in. Long	\$164.00
6038-6A	4-Bolt , 6 in. Long	\$182.00
6038-8A	4-Bolt , 8 in. Long	\$207.00
62052-1	8-Bolt, 8 in. Long with 2-1/2 NPT	\$326.00
62052-1A	8-Bolt, 8 in. Long with 2-1/2 NPT	\$326.00
62407	8-Bolt , 6 in. Long	\$285.00
62407-A	8-Bolt , 6 in. Long	\$285.00
62408	8-Bolt , 4 in. Long	\$265.00
62408-A	8-Bolt , 4 in. Long	\$265.00
62408-AA	8-Bolt , 4 in. Long (Front Discharge)	\$265.00
62551	8-Bolt , 8 in. Long with Flowmeter Pad	\$357.00
62551-A	8-Bolt , 8 in. Long with Flowmeter Pad	\$357.00
62551-ADI	8-Bolt , 8 in. Long with Flowmeter Pad (Ductile Iron)	\$357.00
70828	8-Bolt, 9-1/2 in. Long with 2 in. Offset	\$459.00
71037-A	4-Bolt, 8 in. Long with 2 in. Offset	\$207.00
71599	8-Bolt, 8 in. Long with 2 in. Offset	\$249.00
71599-A	8-Bolt , 8 in. Long with 2 in. Offset	\$249.00
71599-ADI	8-Bolt , 8 in. Long with 2 in. Offset (Ductile Iron)	\$350.00
71916-A	4-Bolt, 6 in. Long with Flowmeter Pad	\$295.00
72067	8-Bolt, 5-1/2 in. Long with 1-1/4 NPSM Tap	\$326.00
72067-A	8-Bolt, 5-1/2 in. Long with 1-1/4 NPSM Tap	\$326.00
72067-1	8-Bolt, 5-1/2 in. Long with 1-1/4 NPT Tap	\$326.00
72067-1A	8-Bolt, 5-1/2 in. Long with 1-1/4 NPT Tap	\$326.00
72540	8-Bolt, 5-1/2 in. Long without Tap	\$268.00
72540-A	8-Bolt, 5-1/2 in. Long without Tap	\$268.00
81799-A	4-Bolt, 20 in. Long with Flowmeter Provision	\$417.00
	Flange Adapters	
72402-A	4 in. ANSI To 8-Bolt Waterous (Includes 8-Bolt Hardware)	\$694.00
72402-1A	4 in. ANSI To 8-Bolt Waterous (Includes 4 in. ANSI Hardware)	\$694.00

Part No.	Item	Iron Price
72797-A	4 in. ANSI To 8-Bolt Waterous, Angle Comp (Includes 8-Bolt Hardware)	\$694.00
72797-1A	4 in. ANSI To 8-Bolt Waterous, Angle Comp (Includes 4 in. ANSI Hardware)	\$694.00
53368-2A	3 in. Uni-Body to Waterous 8-Bolt	\$548.00
	Flowmeter Adapters	
72985-A	Class 1	\$191.00
72571-A	FoamPro	\$293.00
	Intake Manifolds	
81990-1A	Single Outlet, 2-1/2 in. Angle Comp., L.H.	\$398.00
81990-1B	Single Outlet, 3 in. Angle Comp., L.H.	\$398.00
81990-1C	Single Outlet, 2-1/2 in. Angle Comp., R.H.	\$398.00
81990-1D	Single Outlet, 3 in. Angle Comp., R.H.	\$398.00
81990-1E	Single Outlet, 2-1/2 in. Non-Angle Comp., L.H. or R.H.	\$463.00
81990-1F	Single Outlet, 3 in. Non Angle Comp., L.H. or R.H.	\$463.00
81990-1G	Dual Outlet, 2-1/2 in. Angle Comp., L.H.	\$530.00
81990-1H	Dual Outlet, 3 in. Angle Comp., L.H.	\$586.00
81990-1J	Dual Outlet, 2-1/2 in. Angle Comp., R.H.	\$463.00
81990-1K	Dual Outlet, 3 in. Angle Comp., R.H.	\$578.00
81990-1L	Dual Outlet, 2-1/2 in. Non-Angle Comp., L.H. or R.H.	\$538.00
81990-1M	Dual Outlet, 3 in. Non- Angle Comp., L.H. or R.H.	\$538.00
81990-2A	Single Outlet, With 5-1/2 in. Extension, 2-1/2 in. Angle Comp., L.H.	\$609.00
81990-2B	Single Outlet, With 5-1/2 in. Extension, 3 in. Angle Comp., L.H.	\$609.00
81990-2C	Single Outlet, With 5-1/2 in. Extension, 2-1/2 in. Angle Comp., R.H.	\$609.00
81990-2D	Single Outlet, With 5-1/2 in. Extension, 3 in. Angle Comp., R.H.	\$609.00
81990-2E	Single Outlet, With 5-1/2 in. Extension, 2-1/2 in. Non-Angle Comp., L.H. or R.H.	\$677.00
81990-2F	Single Outlet, With 5-1/2 in. Extension, 3 in. Non-Angle Comp., L.H. or R.H.	\$677.00
81990-2G	Dual Outlet, With 5-1/2 in. Extension, 2-1/2 in. Angle Comp., L.H.	\$794.00
81990-2H	Dual Outlet, With 5-1/2 in. Extension, 3 in. Angle Comp., L.H.	\$848.00
81990-2J	Dual Outlet, With 5-1/2 in. Extension, 2-1/2 in. Angle Comp., R.H.	\$694.00
81990-2K	Dual Outlet, With 5-1/2 in. Extension, 3 in. Angle Comp., R.H.	\$842.00
81990-2L	Dual Outlet, With 5-1/2 in. Extension, 2-1/2 in. Non-Angle Comp., L.H. or R.H.	\$723.00
81990-2M	Dual Outlet, With 5-1/2 in. Extension, 3 in. Non-Angle Comp., L.H. or R.H.	\$854.00
82605-1A	Auxiliary Intake Piping, Single 3-1/2 in. Opening To Front	\$1,147.00
82605-1B	Auxiliary Intake Piping, Single 3-1/2 in. Opening To Front	\$1,236.00
	Intake Nipples	
72453-A	6 in. NH, 6 in. ANSI Flange, 3-3/8 in. Long, No Dump Flange	\$609.00
72453-1A	6 in. NH, 6 in. ANSI Flange, 3-3/8 in. Long, No Dump Flange	\$663.00
72453-2A	6 in. NH, 6 in. ANSI Flange, 3-3/8 in. Long, No Dump Flange	\$663.00
72454-A	5 in. NH, 5 in. ANSI Flange, 3-1/2 in. Long, No Dump Flange	\$575.00
72572-1A	6 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long, No Dump Flange	\$663.00
72572-2A	6 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long, No Dump Flange	\$663.00
72572-A	6 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long, No Dump Flange	\$663.00
72578-A	6 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long, No Dump Flange	\$663.00
72578-1A	6 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long, No Dump Flange	\$663.00
72578-2A	6 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long, No Dump Flange	\$663.00
72579-A	6 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long, No Dump Flange	\$663.00
72579-1A	6 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long, No Dump Flange	\$663.00
72579-2A	6 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long, No Dump Flange	\$663.00
72716-A	6 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long with Dump Flange	\$795.00
72716-1A	6 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long with Dump Flange	\$795.00

Part No.	Item	Iron Price
72716-2A	6 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long with Dump Flange	\$795.00
72717-A	6 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long with Dump Flange	\$795.00
72717-1A	6 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long with Dump Flange	\$795.00
72718-A	6 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long with Dump Flange	\$795.00
72718-1A	6 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long with Dump Flange	\$795.00
72818-A	5 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long with Dump Flange	\$713.00
72818-1A	5 in. NH, 6 in. ANSI Flange, 5-1/4 in. Long with Dump Flange	\$713.00
72819-A	5 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long with Dump Flange	\$713.00
72819-1A	5 in. NH, 6 in. ANSI Flange, 6-1/4 in. Long with Dump Flange	\$713.00
72820-A	5 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long with Dump Flange	\$713.00
72820-1A	5 in. NH, 6 in. ANSI Flange, 7-1/4 in. Long with Dump Flange	\$713.00
82953-A	6 in. NH, 8 in. ANSI Flange, 4 in. Long with Dump Flange	\$795.00
82953-1A	6 in. NH, 8 in. ANSI Flange, 4 in. Long with Dump Flange	\$663.00
82957-A	6 in. NH, 8 in. ANSI Flange, 6-1/2 in. Long without Dump Flange	\$663.00
82957-1A	6 in. NH, 8 in. ANSI Flange, 6-1/2 in. Long without Dump Flange	\$663.00
83263-A	6 in. NH, 8 in. ANSI Flange, 4 in. Long without Dump Flange	\$663.00
83263-1A	6 in. NH, 8 in. ANSI Flange, 4 in. Long without Dump Flange	\$663.00
	Intake Nipple Extensions	
61984-A	6 in. ANSI Nipple Extension, 1 in.	\$318.00
61984-AA	6 in. ANSI Nipple Extension, 2 in.	\$531.00
	Reducing Bushings	
W 7332-24G	2 in. NPT x 1-1/2 in. NPT	\$0.00
W 7340-24	2-1/2 in. NPT x 1-1/2 in. NPT	\$0.00
	Siamese Fittings	
71933-A	5 in. NH , 18 in. Long, Without Angle Comp, LH or RH	\$1,326.00
81573-A	5 in. NH, 18 in. Long, With Angle Comp, RH	\$1,326.00
81575-A	5 in. NH, 20 in. Long, With Angle Comp, RH	\$1,326.00
81576-A	5 in. NH, 20 in. Long, With Angle Comp, LH	\$1,326.00
	Spacers	
51754-A	8-Bolt, 1-1/16 in. Wide	\$161.00
51754-AA	8-Bolt, 2-1/8 in. Wide	\$307.00
52703-A	8-Bolt, 3/4 in. Wide	\$158.00
61646-A	3 in. Relief Valve, 4 in. Wide	\$390.00
61647-A	3 in. Relief Valve, 1 in. Wide	\$352.00
61647-AA	3 in. Relief Valve, 2 in. Wide	\$961.00
63842-A	4 in. Relief Valve, 1 in. Wide	\$167.00
63049-A	4-Bolt, 1-1/8 in. Wide (For Mounting Valve On Intake Pad)	\$175.00
	Tapped Flanges	
51744	8-Bolt, 3 in. NPT	\$161.00
51744-A	8-Bolt, 3 in. NPT	\$161.00
51744-1	8-Bolt, 3-1/2 in. NPT	\$161.00
51744-1A	8-Bolt, 3-1/2 in. NPT	\$161.00
51744-2A	8-Bolt, 3 in. NPT (Front Discharge)	\$161.00
51744-3A	8-Bolt, 3-1/2 in. NPT (Front Discharge)	\$161.00
51744-4A	8-Bolt, 4 in. NPT (Front Discharge)	\$161.00
51744-4B	8-Bolt, 4 in. NPT	\$161.00
51744-4C	8-Bolt, 4 in. NPT	\$161.00
51744-1H	8-Bolt, 3-1/2 in. NPT (H Manifold, Pad 5)	\$161.00

Part No.	Item	Iron Price
51744-4H	8-Bolt, 4 in. NPT (H Manifold, Pad 5)	\$161.00
52556	8-Bolt, 2-1/2 in. NPT	\$161.00
52556-A	8-Bolt, 2-1/2 in. NPT	\$161.00
52556-1A	8-Bolt, 2-1/2 in. NPT (Front Discharge)	\$161.00
61473-A	4-Bolt, 2-1/2 in. NPT	\$92.00
61636-A	4-Bolt, 3 in. NPT	\$92.00
62206-2A	3 in. Relief Valve Pad, 3 in. NPT	\$320.00
62605-A	4-Bolt, 2-1/2 in. NPT, Angle Compensated	\$166.00
62605-1A	4-Bolt, 3 in. NPT, Angle Compensated	\$177.00
62897-A	4-Bolt, 2 in. NPT	\$97.00
63205-A	4-Bolt, 2-1/2 in. BSP (Tapered BS21)	\$121.00
63048-A	4-Bolt, 1-1/2 in. NPT	\$97.00
72098-A	8-Bolt, 3-1/2 in. NPT, Angle Compensated	\$191.00
72257-A	8-Bolt, 3 in. NPT, Angle Compensated	\$191.00
72257-ADI	8-Bolt, 3 in. NPT, Angle Compensated (Ductile Iron)	\$150.00
72844-A	8-Bolt, 3 in. BSP (Tapered BS21), Angle Compensated	\$191.00
	Tees	
80827-1	8-Bolt, 8 in. Long with 2-1/2 NPT Tap	\$411.00
80827-1A	8-Bolt, 8 in. Long with 2-1/2 NPT Tap	\$411.00
80827-1AA	8-Bolt, 8 in. Long with 2-1/2 NPT Tap (Front Discharge)	\$411.00
80827-2ADI	8-Bolt, 8 in. Long with 2-1/2 NPT Tap (Ductile Iron)	\$411.00
80827-1H	8-Bolt, 8 in. Long with 2-1/2 NPT Tap (H Manifold, Pad 5)	\$411.00
	Thread Adapters	
51105	2-1/2 in. NPT (M) X 2-1/2 in. NH (M)	\$270.00
51105-CR	2-1/2 in. NPT (M) X 2-1/2 in. NH (M), Chrome Plated	\$270.00
51042-CR	2-1/2 in. NPT (F) X 2-1/2 in. NH (M), Chrome Plated	\$144.00
62251	3 in. NPT (M) X 3 in. NH (M)	\$304.00
V 2184	1-1/2 in. NH (F) X 2-1/2 in. NH (M)	\$116.00
V 2259	2 in. NPT (M) X 2 in. NH (M)	\$107.00
V 2260	1-1/2 in. NPT (M) X 1-1/2 in. NH (M)	\$128.00
V 3033	3 in. NPT (M) X 3 in. NPSH (M)	\$166.00
V 3034	2-1/2 in. BSP (F) X 2-1/2 in. NPSH (M)	\$78.00
V 3053	3 in. NPT (M) X 2-1/2 in. NH (M)	\$160.00
V 3071	3 in. NPT (M) X 2-1/2 in. NPSH (M)	\$160.00
V 3782	6 in. NH (F) X 6 in. Storz	\$472.00
	Threaded Extensions	
	<i>Flanged x Threaded</i>	
72071-A	8-Bolt, 4 in. NH , 8 in. Long	\$359.00
72072-A	8-Bolt, 3-1/2 in. NH , 8 in. Long	\$535.00
Blank	<i>Female x Male Thread</i>	
72534-A	6 in. NH Thread, 3-3/4 in. Wide	\$287.00
72564-A	6 in. NH Thread, 6-1/2 in. Wide	\$432.00
72798-A	5 in. NH Thread, 6-1/2 in. Wide	\$298.00
	Pipe Nipples	
W 6040-64G	2-1/2 in. NPT X 4.00 in. Long	\$63.00
W 6040-160G	2-1/2 in. NPT X 10.00 in. Long	\$53.00

Part No.	Item	Iron Price
W 6040-168G	2-1/2 in. NPT X 10.50 in. Long	\$63.00
	Pipe Plugs	
W 6524	1-1/2 in. NPT Square Head	\$24.00
W 6532	2 in. NPT Square Head	\$24.00
W 6540	2-1/2 in. NPT Square Head	\$32.00
W 6640	2-1/2 in. NPT Headless	\$32.00
W 6548	3 in. NPT Square Head	\$29.00
	Wyes	
71441-30	8-Bolt, 10 in. Long with RV, Pads 1, 2, 3 Bolt-On	\$563.00
71600-8	8-Bolt, 8 in. Long without RV, Pads 1, 2, 3 Bolt-On	\$961.00
71600-8A	8-Bolt, 8 in. Long without RV, Pads 1, 2, 3 Bolt-On (With 1 in. Spacer for Foam Manifold Mounting)	\$1,115.00
71626-1	8-Bolt, 8 in. Long without RV, Pads 1, 2 Tapped	\$890.00
81388-7	8-Bolt, 8 in. Long with RV, Pads 1, 2, 3 Bolt-On	\$1,013.00
81388-7A	8-Bolt, 8 in. Long with RV, Pads 1, 2, 3 Bolt-On (With 1 in. Spacer for Foam Manifold Mounting)	\$1,167.00
82325-1	8-Bolt, 10 in. Long without RV, Pads 1, 2, 3 Bolt-On	\$619.00
83074-30	8-Bolt, 10 in. Long without RV, Waterous 2-1/2 in. 4-Bolt	\$516.00
83074-31	8-Bolt, 10 in. Long without RV, Akron/Elkhart 2-1/2 in. 4-Bolt Panel Facing	\$516.00
83074-32	8-Bolt, 10 in. Long without RV, Akron/Elkhart 2-1/2 in. and 3 in. 4-Bolt Panel Facing	\$516.00
83074-33	8-Bolt, 10 in. Long without RV, Akron/Elkhart 3 in. 4-Bolt Panel Facing	\$516.00

F-2669-DischFtg



January 1, 2023 Sales Price List

Intake Fittings and Screens

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

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Part No.	Item	Iron Price
CLS Series Iron Pumps (4-Bolt Round Flange)		
7235-15A	4 in. NH, 15 in. Long	\$910.00
7236-15A	4-1/2 in. NH, 15 in. Long	\$910.00
No Fitting	Intake Fitting Not Ordered	\$470.00
CGVG Series Iron Pumps (Standard Fittings)		
81833	5 in. NH, 10-1/2 in. Long, With Relief Valve Provision	\$908.00
81835	4-1/2 in. NH, 15 in. Long, With Relief Valve Provision	\$903.00
81836	5 in. NH, 15 in. Long, With Relief Valve Provision	\$1,018.00
81837	6 in. NH, 15 in. Long, With Relief Valve Provision	\$775.00
81838	6 in. NH, 13-1/2 in. Long, With Relief Valve Provision	\$775.00
81841	6 in. NH, 13-1/2 in. Long, With Relief Valve Provision	\$1,419.00
81844	6 in. NH, 15 in. Long, With Relief Valve Provision	\$1,412.00
81912	6 in. NH, 15 in. Long, Without Relief Valve Provision	\$824.00
81913	5 in. NH, 13-1/2 in. Long, Without Relief Valve Provision	\$677.00
81914	6 in. NH, 13-1/2 in. Long, Without Relief Valve Provision	\$677.00
82188	6 in. Flanged, 6-3/4 in. Long, With Relief Valve Provision	\$1,093.00
82199	6 in. Flanged, 6-3/4 in. Long, With Relief Valve Provision	\$1,376.00
No Fitting	Intake Fitting Not Ordered	\$470.00
CM, CS and S101 Series Iron Pumps (Large Fittings)		
81915	6 in. NH, 15 in. Long, Without Relief Valve Provision	\$953.00
81916	6 in. NH, 13-1/2 in. Long, Without Relief Valve Provision	\$953.00
82011	6 in. Flanged, 10-5/8 in. Long, Without Relief Valve Provision	\$1,072.00
82163	6 in. NH, 15 in. Long, With Relief Valve Provision	\$1,069.00
82166	6 in. NH, 15 in. Long, With Relief Valve Provision	\$1,206.00
82173	6 in. NH, 13-1/2 in. Long, With Relief Valve Provision	\$1,069.00
82174	6 in. NH, 13-1/2 in. Long, With Relief Valve Provision	\$1,252.00
82289	6 in. Flanged, 6-3/4 in. Long, Without Relief Valve Provision	\$1,514.00
82301	6 in. Flanged, 6-3/4 in. Long, With Relief Valve Provision	\$1,389.00

Part No.	Item	Iron Price
82302	6 in. Flanged, 6-3/4 in. Long, With Relief Valve Provision	\$1,640.00
82767	5 in. NH, 15 in. Long, Without Relief Valve Provision	\$0.00
82768	5 in. NH, 13-1/2 in. Long, Without Relief Valve Provision	\$0.00
82952	Oversize Flanged Pant Leg, Without Relief Valve Provision	\$0.00
83041	6 in. Flanged, 6-3/4 in. Long, With Side Victaulic	\$1,684.00
No Fitting	Intake Fitting Not Ordered	\$470.00
	Intake Screens	
51104	2-1/2 in. Zinc	\$51.00
63591	2-1/2 in. Brass	\$132.00
62875	3-1/2 in. Brass	\$212.00
60740	4 in. Zinc	\$57.00
61930	4 in. Brass	\$148.00
60739	4-1/2 in. Zinc	\$57.00
61931	4-1/2 in. Brass	\$261.00
61402	5 in. Zinc	\$60.00
61932	5 in. Brass	\$322.00
61403	6 in. Zinc	\$60.00
61933	6 in. Brass	\$225.00
	Intake Caps	\$0.00
Q-2050152	4 in. NH Thread, Chrome	\$200.00
Q-2050189	4-1/2 in. NH Thread, Chrome	\$259.00
Q-2050176	5 in. NH Thread, Chrome	\$229.00
Q-2050102	6 in. NH Thread, Vented, Chrome	\$296.00
	Intake Extensions (Installed between Pump and Intake Fitting)	
	<i>CM, CMU, CS, CSU and S101 Models:</i>	
73616-A	1 in. Long	\$293.00
7251-A	4 in. Long	\$627.00
	<i>CGVG Model Only:</i>	
5002-A	1 in. Long	\$305.00
5005-A	4 in. Long	\$357.00

F-2669-IntkFtg



January 1, 2023 Sales Price List

Intake and Discharge Valves

Effective Beginning: January 1, 2023

Issued: January 2023

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Part No.	Item	Iron Price
	Ball Valves (Discharge or Intake)	
	2-1/2 in. Standard Size	
	<i>Push-Pull Actuator</i>	
80489-2M	Panel Side Mounting	\$1,042.00
80489-2R	Remote Side Mounting	\$1,107.00
	<i>Remote Locking Actuator</i>	
82102	Drains at 45 Deg.	\$1,102.00
	<i>Electric Rotary Actuator, 12 Volt</i>	
82615-2A	Low Bracket, Vertical Motor Mounting	\$3,124.00
82615-2B	Low Bracket, Horizontal Motor Mounting	\$3,124.00
82615-2C	High Bracket, Vertical Motor Mounting	\$3,124.00
82615-2D	High Bracket, Horizontal Motor Mounting	\$3,124.00
	<i>Electric Rotary Actuator, 24 Volt</i>	
82615-2E	Low Bracket, Vertical Motor Mounting	\$3,158.00
82615-2F	Low Bracket, Horizontal Motor Mounting	\$3,158.00
82615-2G	High Bracket, Vertical Motor Mounting	\$3,718.00
82615-2H	High Bracket, Horizontal Motor Mounting	\$3,718.00
	<i>Manual Rotary Actuator, 12 Volt</i>	
82618-2A	Low Bracket	\$3,374.00
82618-2B	High Bracket	\$3,512.00
	<i>Manual Rotary Actuator, 24 Volt</i>	
82618-2C	Low Bracket	\$3,374.00
82618-2D	High Bracket	\$3,512.00
	2-1/2 in. Full-Flow Size	
	<i>Push-Pull Actuator with Flowmeter Provision</i>	
81194-1N.1A	Panel Side Mounting	\$1,830.00
81194-1Q.1A	Remote Side Mounting	\$1,897.00
	<i>Push-Pull Actuator</i>	

Part No.	Item	Iron Price
80824-2M	NPT Threads, Panel Side Mounting	\$1,273.00
80824-2R	NPT Threads, Remote Side Mounting	\$1,339.00
80824-3M	BSP Threads, Panel Side Mounting	\$1,217.00
80824-3R	BSP Threads, Remote Side Mounting	\$1,280.00
	<i>Remote Locking Actuator</i>	
80825	Standard Drains	\$1,190.00
	<i>Electric Rotary Actuator, 12 Volt</i>	
82616-2A	Low Bracket, Vertical Motor Mounting	\$3,257.00
82616-2B	Low Bracket, Horizontal Motor Mounting	\$3,257.00
82616-2C	High Bracket, Vertical Motor Mounting	\$3,257.00
82616-2D	High Bracket, Horizontal Motor Mounting	\$3,257.00
	<i>Electric Rotary Actuator, 24 Volt</i>	
82616-2E	Low Bracket, Vertical Motor Mounting	\$3,296.00
82616-2F	Low Bracket, Horizontal Motor Mounting	\$3,296.00
82616-2G	High Bracket, Vertical Motor Mounting	\$3,848.00
82616-2H	High Bracket, Horizontal Motor Mounting	\$3,848.00
	<i>Manual Rotary Actuator, 12 Volt</i>	
82619-2A	Low Bracket	\$3,091.00
82619-2B	High Bracket	\$3,642.00
	<i>Manual Rotary Actuator, 24 Volt</i>	
82619-2C	Low Bracket	\$3,091.00
82619-2D	High Bracket	\$3,642.00
	3-1/2 in. Standard Size	
	<i>Electric Rotary Actuator, 12 Volt</i>	
82617-2A	Low Bracket, Vertical Motor Mounting	\$3,923.00
82617-2B	Low Bracket, Horizontal Motor Mounting	\$3,923.00
82617-2C	High Bracket, Vertical Motor Mounting	\$3,923.00
82617-2D	High Bracket, Horizontal Motor Mounting	\$3,923.00
82731-2A	Ductile Iron, Low Bracket, Vertical Motor Mounting	\$3,923.00
82731-2B	Ductile Iron, Low Bracket, High Motor Mounting	\$3,923.00
82731-2C	Ductile Iron, High Bracket, Vertical Motor Mounting	\$4,531.00
82731-2D	Ductile Iron, High Bracket, High Motor Mounting	\$4,531.00
	<i>Electric Rotary Actuator, 24 Volt</i>	
82617-2E	Low Bracket, Vertical Motor Mounting	\$3,957.00
82617-2F	Low Bracket, Horizontal Motor Mounting	\$3,957.00
82617-2G	High Bracket, Vertical Motor Mounting	\$3,957.00
82617-2H	High Bracket, Horizontal Motor Mounting	\$3,957.00
82731-2E	Ductile Iron, Low Bracket, Vertical Motor Mounting	\$4,554.00
82731-2F	Ductile Iron, Low Bracket, High Motor Mounting	\$4,554.00
82731-2G	Ductile Iron, High Bracket, Vertical Motor Mounting	\$4,694.00
82731-2H	Ductile Iron, High Bracket, High Motor Mounting	\$4,694.00
	<i>Manual Rotary Actuator, 12 Volt</i>	
82620-2A	Low Bracket	\$3,783.00
82620-2B	High Bracket	\$3,783.00
82732-2A	Ductile Iron, Low Bracket	\$4,345.00
82732-2B	Ductile Iron, High Bracket	\$4,489.00
	<i>Manual Rotary Actuator, 24 Volt</i>	
82620-2C	Low Bracket	\$3,783.00
82620-2D	High Bracket	\$3,783.00
82732-2C	Ductile Iron, Low Bracket	\$4,345.00

Part No.	Item	Iron Price
82732-2D	Ductile Iron, High Bracket	\$4,489.00
	AWG Valves (DIN 14381)	
V 2845	2-1/2 in. BSP Threads, Aluminum	
V 2845-B	2-1/2 in. BSP Threads, Bronze	
V 2845-1ABZ	2-1/2 in. BSP Threads, Bronze (Includes Mounting Hardware)	
V 2845-2ABZ	65 mm Storz Connection, Bronze (Includes Mounting Hardware)	
	Waterous Tank to Pump Valves (3-1/2 in.)	
	<i>Manual Indicating Actuator, Without Control Panel</i>	
83629-1A	4 in. Non-Angle Compensated Hose Connection	\$4,026.00
83629-1B	3-1/2 in. Angle Compensated Hose Connection	\$4,026.00
83629-1C	4 in. Angle Compensated Hose Connection	\$4,026.00
	<i>Manual Indicating Actuator, With Control Panel, 12 Volt</i>	
83629-2A	4 in. Non-Angle Compensated Hose Connection	\$4,184.00
83629-2B	3-1/2 in. Angle Compensated Hose Connection	\$4,184.00
83629-2C	4 in. Angle Compensated Hose Connection	\$4,184.00
	<i>Manual Indicating Actuator, With Control Panel, 24 Volt</i>	
83629-3A	4 in. Non-Angle Compensated Hose Connection	\$4,184.00
83629-3B	3-1/2 in. Angle Compensated Hose Connection	\$4,184.00
83629-3C	4 in. Angle Compensated Hose Connection	\$4,184.00
	<i>Manual Quarter Turn Actuator</i>	
83505-1A	4 in. Non-Angle Compensated Hose Connection	\$1,542.00
83505-1B	3-1/2 in. Angle Compensated Hose Connection	\$1,542.00
83505-1C	4 in. Angle Compensated Hose Connection	\$1,542.00
	<i>Electric Rotary Actuator, 12 Volt</i>	
83506-1A	4 in. Non-Angle Compensated Hose Connection	\$4,236.00
83506-1C	3-1/2 in. Angle Compensated Hose Connection	\$4,236.00
83506-1E	4 in. Angle Compensated Hose Connection	\$4,236.00
	<i>Electric Rotary Actuator, 24 Volt</i>	
83506-1B	4 in. Non-Angle Compensated Hose Connection	\$4,236.00
83506-1D	3-1/2 in. Angle Compensated Hose Connection	\$4,236.00
83506-1F	4 in. Angle Compensated Hose Connection	\$4,236.00
	Butterfly Valves (Jamesbury)	
	<i>6 in. Mounted Valves (Mounted by Waterous)</i>	
82743-3G	Manual Rotary Actuator (Non-Indicating)	\$4,232.00
82743-3C	Manual Indicating, Tall Rotary Actuator, 12 Volt	\$5,603.00
82743-3E	Manual Indicating, Tall Rotary Actuator, 24 Volt	\$5,603.00
82743-3K	Manual Indicating, Short Rotary Actuator, 12 Volt	\$5,603.00
82743-3M	Manual Indicating, Short Rotary Actuator, 24 Volt	\$5,603.00
82743-1E	Electric, Short Rotary Actuator, 12 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-1F	Electric, Short Rotary Actuator, 24 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-1J	Electric, Short Rotary Actuator, 12 Volt (Vertical Motor Mounting)	\$5,742.00
82743-1K	Electric, Short Rotary Actuator, 24 Volt (Vertical Motor Mounting)	\$5,742.00
82743-5A	Electric, Tall Rotary Actuator, 12 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-5C	Electric, Tall Rotary Actuator, 24 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-5E	Electric, Tall Rotary Actuator, 12 Volt (Vertical Motor Mounting)	\$5,742.00
82743-5G	Electric, Tall Rotary Actuator, 24 Volt (Vertical Motor Mounting)	\$5,742.00
82743-2A	Pneumatic Actuator	\$4,629.00
	<i>6 in. Separately Mounted Valves (Mounted by OEM)</i>	
82743-3H	Manual Rotary Actuator (Non-Indicating)	\$4,237.00
82743-3D	Manual Indicating, Tall Rotary Actuator, 12 Volt	\$5,603.00

Part No.	Item	Iron Price
82743-3F	Manual Indicating, Tall Rotary Actuator, 24 Volt	\$5,603.00
82743-3L	Manual Indicating, Short Rotary Actuator, 12 Volt	\$5,603.00
82743-3N	Manual Indicating, Short Rotary Actuator, 24 Volt	\$5,603.00
82743-1G	Electric, Short Rotary Actuator, 12 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-1H	Electric, Short Rotary Actuator, 24 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-1L	Electric, Short Rotary Actuator, 12 Volt (Vertical Motor Mounting)	\$5,742.00
82743-1M	Electric, Short Rotary Actuator, 24 Volt (Vertical Motor Mounting)	\$5,742.00
82743-5B	Electric, Tall Rotary Actuator, 12 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-5D	Electric, Tall Rotary Actuator, 24 Volt (Horizontal Motor Mounting)	\$5,742.00
82743-5F	Electric, Tall Rotary Actuator, 12 Volt (Vertical Motor Mounting)	\$5,742.00
82743-5H	Electric, Tall Rotary Actuator, 24 Volt (Vertical Motor Mounting)	\$5,742.00
82743-2B	Pneumatic Actuator	\$4,629.00
	Valve Accessories	
	<i>2-1/2 in. Valve Flanges for In-Line Mounting</i>	
61250-1A	2-1/2 in. Standard Valves (Tapped Flange and Seal Retainer)	\$287.00
61250-A	2-1/2 in. Full-Flow Valves (Tapped Flange)	\$118.00
	<i>Handles</i>	
72417	Rotary Actuator Chrome Crank Handle	\$208.00
72918	Quarter Turn Remote Locking Actuator Control Handle	\$171.00
K 680	Push Pull Actuator Chrome Control Handle	\$117.00
	<i>Pneumatic Butterfly Valve</i>	
51719	Mounting Gasket for 6 in. Pneumatic BFV	\$46.00
	<i>Push-Pull Actuator Control Rods</i>	
51302-11	10.938 in. Long (Panel Side)	\$51.00
51302-61	61.375 in. Long (Remote Side)	\$65.00
	<i>Rotary Actuator Valves</i>	
L 1108	3/4 in. Hex Override Nut	\$94.00
K 1100	Wire Extension Kit for Electric Rotary Actuators	\$193.00
K 1101	Wire Extension Kit for Manual Rotary Actuators	\$143.00
82743-4B	Manual Override for Electric BFV (All OEM's)	\$436.00
	<i>Thread Adapters</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Threaded Extensions</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$0.00
	<i>Universal Joints</i>	
V 3135	Universal Joint for 1/2 in. Dia Control Rods	\$77.00



January 1, 2023 Sales Price List

Miscellaneous Items

Effective Beginning: January 1, 2023

Issued: January 2023

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Part No.	Item	Price
	Drain Valve	
L 1112	Kit to Convert NPT Threads to BSP	\$244.00
K 685	Control Cable Kit, 72 in. Long Cable	\$188.00
	Control Knobs and Handles	
5958	Knob 3/8-16 UNC Thread	\$34.00
72417	Rotary Actuator Chrome Crank Handle	\$208.00
51317	Manual Transfer Valve Override Crank Handle	\$57.00
72918	Quarter Turn Remote Locking Actuator Control Handle	\$171.00
K 680	Push Pull Actuator Chrome Control Handle	\$117.00
	Gaskets	
51195	Waterous 3-1/2 in. 8-Bolt Flange	\$8.00
51218	Waterous 2-1/2 in. 4-Bolt Flange	\$8.00
51719	For Mounting 6 in. Pneumatic BFV	\$46.00
51720	5 in. ANSI Flange	\$26.00
	Tachometer/Hourmeters	
52810	Tachometer/Hourmeter, 12 Volt	\$550.00
52953	Tachometer/Hourmeter, 24 Volt	\$550.00
	Tank Level Monitors	
82819	Water Tank Level Monitor	\$701.00
82820	Water and Foam Tank Level Monitors	\$1,396.00
	Victaulic Clamps	
Q-1110001	2.5 in. Flexible Clamp	\$28.00
Q-1130005	2.5 in. x 2.0 in. Reducing Clamp	\$76.00



January 1, 2023 Sales Price List

Portable and Motor Pumps (SCPU)

Effective Beginning: January 1, 2023

Issued: January 2023

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Part No.	Item	Price
	Complete Portable Pumps	
	PB18 Series Direct Drive Models	
	<i>PB18-2515B</i>	
	No Base	\$7,609.00
	With Rail Base	\$7,732.00
	With Wrap-Around Base	\$8,430.00
	<i>PB18-2515F</i>	
	No Base	\$7,428.00
	With Rail Base	\$7,551.00
	With Wrap-Around Base	\$8,251.00
	<i>PB18-3030C</i>	
	No Base	\$7,533.00
	With Rail Base	\$7,656.00
	With Wrap-Around Base	\$8,359.00
	<i>PB18-3030E</i>	
	No Base	\$7,626.00
	With Rail Base	\$7,745.00
	Wrap-Around Base is not available	\$0.00
	<i>PB18-4025B</i>	
	No Base	\$9,208.00
	With Rail Base	\$9,330.00
	With Wrap-Around Base	\$10,034.00
	PB18-G Series Gear Drive Models	
	<i>PB18-G2015B</i>	
	No Base	\$9,338.00
	With Rail Base	\$9,456.00
	With Wrap-Around Base	\$10,157.00
	<i>PB18-G2015F</i>	

Part No.	Item	Price
	No Base	\$9,155.00
	With Rail Base	\$9,273.00
	With Wrap-Around Base	\$9,976.00
	Options for PB18 and PB18-G Series Models	
	<i>Exhaust Primer</i>	
	With Exhaust Primer	\$1,245.00
	Without Exhaust Primer (Deduct)	(\$315.00)
	<i>Fuel Tank</i>	
	<i>Domestic Orders</i>	
	With Fuel Tank (Required) (No Charge)	\$0.00
	<i>International Orders</i>	
	With Fuel Tank (No Charge)	\$0.00
	Without Fuel Tank (Deduct)	(\$112.00)
	<i>Optional Mast Light (Wrap-Around Frame Required)</i>	
	With Mast Light	\$301.00
	<i>RTP Foam System</i>	
83157-2A	Separately Mounted (Price is List)	\$973.00
	Pumps Only (Less Engine)	
	<i>Model PB18-2515-LE</i>	
	Pump	\$1,767.00
	Ball Valve with 1-1/2 in. NH Adapter	\$380.00
	Ball Valve with 1-1/2 in. NPT (F) Adapter	\$418.00
	1-1/2 in. NPT (F) Adapter (No Ball Valve)	\$155.00
	<i>Model PB18-3030-LE</i>	
	Pump	\$1,957.00
	3 in. NPT Elbow Front Facing without Check Valve	\$239.00
	3 in. NPT Elbow Right Facing with Check Valve	\$217.00
	<i>Model PB18-4025-LE</i>	
	Pump	\$4,242.00
	Elbow with 2-1/2 in. BIC Ball Valve	\$931.00
	<i>Model PB18-G2015-LE</i>	
	Pump	\$2,572.00
	1-1/2 in. NPT (F) Adapter (No Ball Valve)	\$124.00
	Ball Valve with 1-1/2 in. NPT (F) Adapter	\$381.00
	<i>Options for Pump Only Models</i>	
	Fuel Tank	\$239.00
	Exhaust Primer	\$1,245.00
	Motor Pumps	
	Complete Pump and Engine	
	Model E501-C (Kubota Engine)	\$17,112.00
	Model E511-C (Kubota Engine)	\$17,112.00
	<i>Optional Victaulic Intake and Discharge Connection (E511 Models Only)</i>	
	3 in. Victaulic Intake and 2 in. Victaulic Discharge	\$344.00
	<i>Instrument Panel</i>	
	Single Instrument Panel (No Charge)	\$0.00
	Dual Instrument Panel	\$1,583.00
	No Panel (Deduct)	(\$1,184.00)
	<i>Optional Spark Arrestor</i>	
	With Spark Arrestor	\$135.00
	<i>RTP Foam System</i>	

Part No.	Item	Price
83157-2A	Separately Mounted (Price is List)	\$973.00
	Miscellaneous Items	
	<i>Drain Valves</i>	
61756-1	Panel Mounted	\$523.00
71803-5	Cable Operated Bracket Mounted	\$425.00
	<i>Gage Package</i>	
83158-5C	12 Volt Tachometer/Hourmeter with (3) Pressure Gauges	\$1,576.00
83158-5D	24 Volt Tachometer/Hourmeter with (3) Pressure Gauges	\$1,539.00
	<i>Priming System</i>	
	<i>Priming Pumps</i>	
	Model VPOS Separately Mounted, 12 Volt	\$1,421.00
	Model VPOS Separately Mounted, 24 Volt	\$1,859.00
	Separately Mounted Hand Primer	\$193.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Priming Valves</i>	
	Vacuum Activated (VAP)	\$507.00
	Priming Valve Hose Kit	\$105.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Tachometer/Hourmeters</i>	
52810	Tachometer/Hourmeter, 12 Volt	\$550.00
52953	Tachometer/Hourmeter, 24 Volt	\$550.00
	<i>Tank Level Monitors</i>	
82819	Water Tank Level Monitor	\$701.00
82820	Water and Foam Tank Level Monitors	\$1,396.00



January 1, 2023 Sales Price List

Foam Systems

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Part No.	Item	Price
	Foam Pump Model (12 or 24 Volt)	
83620-1A	Aquis 1.5 (1.5 GPM)	\$3,667.00
83620-1C	Aquis 3.0 (3.0 GPM)	\$5,494.00
83620-1E	Aquis 6.0 (6.0 GPM)	\$7,194.00
	OIT (Operator Interface Terminal)	
	<i>Model Aquis 1.5</i>	
83620-3A	Manual (Standard) No Charge	\$0.00
83620-3C	Digital (Optional)	\$548.00
	<i>Model Aquis 3.0</i>	
83620-3C	Digital (Standard) No Charge	\$0.00
	<i>Model Aquis 6.0</i>	
83620-3G	Digital (Standard) No Charge	\$0.00
	Foam Tee or Manifold	
	<i>Foam Tee, Includes Flowmeter (Standard) No Charge</i>	
83620-4A	1-1/2 in. FNPT x 2 in. Victaulic Tee	\$0.00
83620-4B	2 in. FNPT x 2-1/2 in. Victaulic Tee	\$0.00
83620-4C	2-1/2 in. FNPT x 3 in. Victaulic Tee	\$0.00
	<i>Master Waterway Check Valve (Optional when Foam Tee is used)</i>	
83380-2A	1-1/2 in. Victaulic-NPTF x 1-1/2 in. Victaulic	\$674.00
83380-2B	1-1/2 in. Victaulic-NPTF x 1-1/2 in. NPTF	\$674.00
83380-2C	2 in. Victaulic x 2 in. NPTF	\$851.00
83380-2D	2 in. Victaulic x 2 in. Victaulic	\$851.00
83380-2E	2-1/2 in. Victaulic x 2-1/2 in. NPTF	\$908.00
83380-2F	2-1/2 in. Victaulic x 2-1/2 in. Victaulic	\$908.00
	<i>Foam Manifold with 2-1/2 in. Waterway, includes Check Valve and Flowmeter (Optional)</i>	
83620-4E	2-1/2 in. 4-Bolt Pads, Inlet and Outlet	\$756.00
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$963.00

Part No.	Item	Price
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$866.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$866.00
	Fire Troll (12 or 24 Volt)	
83437	Model FT150	\$941.00
	FoamFill (12 or 24 Volt)	
83438-1A	3/4 in. Brass	\$2,082.00
83438-1B	3/4 in. Stainless Steel	\$2,262.00
83438-1C	1 in. Brass	\$2,161.00
83438-1D	1 in. Stainless Steel	\$2,439.00
	Aquis Foam Pump Options	
	<i>Foam Tank Level Switch (All Models)</i>	
83621-1A	Side Mount (Q-4190001)	\$101.00
83621-1B	Top/Bottom Mount (Q-4190000)	\$84.00
	<i>Foam Concentrate Hose Kits</i>	
83430-1B	Supply Hose, 3/4 in. (Aquis 1.5 and 3.0)	\$225.00
83430-1C	Supply Hose, 1 in. (Aquis 6.0)	\$225.00
83430-2A	Inject By-Pass Hose, 3/8 in. (Aquis 1.5 and 3.0)	\$117.00
83430-2B	Inject By-Pass Hose, 1/2 in. (Aquis 6.0)	\$117.00
	<i>Cable Extensions (All Models)</i>	
83621-1C	OIT or HMI, 3 meter (Q-4310006)	\$104.00
83621-1D	OIT or HMI, 6 meter (Q-4310007)	\$115.00
83621-1F	Flowmeter, 3 meter (V 4094)	\$60.00
83621-1G	Tank Level Switch, 4 meter (Q-4310014)	\$30.00
	<i>Panel Plates (Placards)</i>	
83621-1H	System Schematic (Q-0315315), All Models	\$123.00
83621-1K	Rating, Model Aquis 1.5 (Q-0315321)	\$123.00
83621-1H	Rating, Model Aquis 3.0 (63812)	\$123.00
83621-1P	Rating, Model Aquis 6.0 (63814)	\$123.00
	<i>FoamFill System</i>	
	See FoamFill listed above	\$0.00
	<i>Dual OIT Kit</i>	
83459-1A	Manual OIT, Model Aquis 1.5	\$731.00
83459-1B	Digital OIT, Models Aquis 1.5, Aquis 3.0 and Aquis 6.0	\$851.00
	<i>Dual Tank Selector (Not Available with Model Aquis 1.5)</i>	
	<i>Valve and Controls</i>	
83440-1C	12 Volt	\$2,155.00
83440-1D	24 Volt	\$2,155.00
	<i>Optional Hose and Fitting Kit</i>	
83440-2A	3/4 in.	\$768.00
83440-2B	1 in.	\$589.00
	<i>Optional System Schematic Panel Plate</i>	
83621-1E	Dual Tank Selector Schematic Panel Plate (63833)	\$123.00
	<i>Overboard Foam Pick-Up Kit (Requires use of Dual Tank Selector)</i>	
83492-1A	3/4 in. Brass, 12 Volt	\$2,367.00
83492-1B	3/4 in. Stainless Steel, 12 Volt	\$2,727.00
83492-1C	3/4 in. Brass, 24 Volt	\$2,367.00
83492-1D	3/4 in. Stainless Steel, 24 Volt	\$2,727.00
83492-1E	1 in. Brass, 12 Volt	\$2,448.00
83492-1F	1 in. Stainless Steel, 12 Volt	\$3,171.00

Part No.	Item	Price
83492-1G	1 in. Brass, 24 Volt	\$2,448.00
83492-1H	1 in. Stainless Steel, 24 Volt	\$3,171.00
	<i>Foam Pick-up Hose (Included in Overboard Foam Pick-up Kit)</i>	
83621-1T	3/4 in. x 10 Foot (Q-0308059)	\$128.00
83621-1U	1 in. x 10 Foot (Q-0308048)	\$128.00
	<i>Dual Foam Injection Kit</i>	
83507-1A	Dual Foam Injection Kit	\$2,965.00
	<i>Run Logic Module</i>	
83494-1A	Includes Run Logic Module and Cable	\$588.00
	<i>Foam Flush Kit</i>	
L1218	3/4 NPT (Aquis 1.5 and 3.0)	\$182.00
L1218-1	1 NPT (Aquis 6.0)	\$270.00
	Panel Mounted Foam Strainer	
83621-1S	2 in. NH Panel Opening with Cap, 10 Mesh Screen (Q-2450011)	\$231.00
	Additional Flowmeters	
83621-1V	Includes (1) Flowmeter and Mounting Hardware (L 1201-1)	\$387.00
	In-Line Foam Strainer	
Q-2450003	Wye Strainer, 3/4 in. NPT	\$47.00
Q-2450004	Wye Strainer, 1 in. NPT	\$69.00

F-2669-FoamSys



January 1, 2023 Sales Price List

Portable CAFS Units

Effective Beginning: January 1, 2023

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Part No.	Item	Price
	Portable CAFS Model	
	70-35-GP	\$25,655.00
	Intake and Discharge Connections	
	1-1/2 NH (M) (Standard, No Charge)	\$0.00
	1-1/2 NPSH (M)	\$0.00
	1-1/2 BSPP (M)	\$0.00
	Operator Orientation (3 Days on Site)	
	Optional	\$3,747.00



F-2766
2023 PRICE LIST
Revised: 1/01/23

Modular CAFSystems

MODEL (Tank not included)	PRICE
90-45-DS	\$ 58,022
150-70-DS	\$ 66,189
150-70-ECL (ECLIPSE GEN 2.0)	\$ 82,714
200-100-DS	\$ 70,978
200-100-ECL (ECLIPSE GEN 2.0)	\$ 95,573

*In addition to regular shipping charges, Modular Slide-in CAFS units are subject to a 1% crating charge for domestic shipments and a 2% crating charge for international shipments.

- Modular Slide-in CAFS units carry a conditional 7-year warranty.
- Onsite Operator Orientation is not included but can be purchased at additional charge.

OPTIONS FOR MODULAR SLIDE-IN CAFS NET PRICING	PRICE
Plumbing Options	
Additional 1.5" CAF Discharge (N/A on ECLIPSE GEN 2.0)	\$ 2,076
Additional 1" CAF Discharge (N/A on ECLIPSE GEN 2.0)	\$ 1,409
2.5" Clear Water Discharge 2" Plumbing	\$ 1,742
1.5" Inline Discharge Tee	\$ 384
Discharge Pressure Relief Valve, Panel Controlled 2" (250 GPM Models only)	\$ 4,571
Upgrade Proportioner to Aquis 3.0	\$ 3,833
2" Direct Tank Fill with 1.5" or 2.5" F-NST Connection	\$ 2,881
2.5" Female Swivel Inlet Connection with Plug and Chain IPO 1.5" Male	\$ 357
Misc. Options	
Aluminum Diamond Plate Lid and Side Panels	\$ 4,652
Aluminum Tank – ship loose only (available in 5 or 9.5 gallons please specify)	\$ 574
Battery Box and Cables (No Battery)	\$ 378
Battery Disconnect Switch	\$ 375
Onsite (Up to 3 Days in the 48 States) Operator Orientation (Optional) Net Price	\$ 4,065
Automatic CAF Discharge Valve (ELKHART ICS)	CALL FOR PRICING
Aluminum Diamond Plate Hinged Lid (No side panels)	\$ 2,370

- Modular Slide-in CAFS units carry a conditional 7-year warranty.
- Onsite Operator Orientation is not included but can be purchased at additional charge.



January 1, 2023 Sales Price List

CAFS PTO Kits and Systems

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Part No.	Item	Price
	Traditional CAFS	
	80-P (80 CFM)	\$12,708.00
	140-P (140 CFM)	\$16,469.00
	200-P (200 CFM)	\$17,016.00
	100-B (100 CFM), Belt Drive	\$22,381.00
	Eclipse GEN 2.0 CAFS	
	100-ECLB (100 CFM), Belt Drive	\$55,646.00
	150-ECL (150 CFM)	\$50,280.00
	Foam Pump	
	<i>Traditional CAFS (Optional)</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Included)</i>	
	Model Aquis 3.0 (Standard, No Charge)	\$0.00
	Model Aquis 6.0	\$1,648.00
	Foam Manifold or Flowmeter Tee	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Foam Manifold only available)</i>	
83620-4E	2-1/2 in. 4-Bolt Pads, Inlet and Outlet	\$756.00
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$866.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$866.00
	<i>Foam Generators (Eclipse GEN 2.0 CAFS Only)</i>	
	Two Generators (Deduct)	(\$1,318.00)
	Three Generators (No Charge)	\$0.00
	High Rise Option	\$1,365.00
	High Flow Option (No Charge)	\$0.00

Part No.	Item	Price
	Discharge Splitting Valve	\$2,710.00
	<i>Tellurus HMI Panel</i>	
	Single Panel (No Charge)	\$0.00
	Dual Panels	\$5,996.00
	<i>Sump</i>	
	<i>Vertical Tank</i>	
	All Models, Standard, No Charge	\$0.00
	<i>Tee Tank</i>	
	Optional	\$468.00
	<i>Sump Vent</i>	
	<i>150 CFM Systems</i>	
	Standard (No Charge)	\$0.00
	<i>All Other Systems</i>	
	Optional, 12 or 24 Volt	\$465.00
	<i>Main Oil Cooler (All Models)</i>	
	Water Cooler (Standard, No Charge)	\$0.00
	Air Cooler, 12 or 24 Volt (Optional, No Charge)	\$0.00
	<i>Secondary Oil Cooler (Optional for All Models)</i>	
	Air Cooler, 12 or 24 Volt	\$1,562.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kits</i>	
83368-3A	80 CFM (Kit 53742-A)	\$1,106.00
83368-3B	100 and 120 CFM (Kit 53742-B)	\$1,157.00
83368-3C	140, 150, 200 CFM (Kit 53742-C)	\$1,751.00
	<i>Oil Inject Check Valves</i>	
83368-2A	3/8 in., 80 CFM Systems	\$141.00
83368-2B	1/2 in., 120, 140, 150 and 200 CFM Systems	\$173.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	<i>Models 100-B, 100-ECLB and 150-ECL</i>	
	Optional	\$3,747.00
	<i>Models 80-P, 140-P and 200-P</i>	
	Included (No Charge)	\$0.00
	Not Required (Deduct)	(\$1,500.00)
	<i>All Models</i>	
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00
	Parts Warranty	
	1 Years Conditional Parts, Standard, No Charge	\$0.00
	5 Years Conditional Parts, Optional	\$2,485.00



January 1, 2023 Sales Price List

CAFS Accessories

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Part No.	Item	Price
	Available for Traditional and Generated (Eclipse GEN 2.0) CAFS	
	<i>Air Flow</i>	
Q-0390024	Air Flow Meter	\$1,858.00
Q-0390248	Air Flow Test Kit	\$557.00
83360-1C	200 CFM with Five (5) Outlets	\$319.00
	<i>Air Pressure Gauge Kit</i>	
83417-1A	PSI and KPA Dual Scale Gauge	\$128.00
	<i>Air Valves for Air Distribution Manifold</i>	
83360-2A	Manual Valve with Round Handle, 1/2 in.	\$61.00
83417-1B	MPA Single Scale Gauge	\$128.00
	<i>Auxiliary Air Valve Kits</i>	
83360-2B	Manual Valve with Round Handle, 3/4 in.	\$74.00
83360-2C	Electric Valve, 12V, 1/2 in. (Includes Swivel)	\$160.00
83360-3A	1/4 in. NPTF Outlet	\$182.00
83360-3B	3/4 in. NPTF Outlet	\$319.00
83360-2D	Electric Valve, 12V, 3/4 in. (Includes Swivel)	\$268.00
83360-2E	Electric Valve, 24V, 1/2 in. (Includes Swivel)	\$160.00

Part No.	Item	Price
	<i>Strainer (Water)</i>	
Q-2450012	Panel Mounted, 2 in. NH with Cap, 20 Mesh Screen	\$237.00
83360-2F	Electric Valve, 24V, 3/4 in. (Includes Swivel)	\$268.00
	Available for Traditional CAFS Only	
	Air Distribution Manifolds	
	<i>Manifold</i>	
83360-1A	80 CFM with Three (3) Outlets	\$242.00
83360-1B	100-150 CFM with Four (4) Outlets	\$296.00
	Oil Inject Check Valves	
83368-2A	80 CFM Systems, 3/8 in. Valve	\$141.00
83368-2B	100-200 CFM Systems, 1/2 in. Valve	\$173.00
	Static Mixers	
Q-0324092	2 in. Thread x Victaulic, 12 in. Long	\$598.00
Q-0324093	2 in. Thread x Victaulic, 14 in. Long	\$598.00
Q-0324081	2-1/2 in. Thread x Thread, 12 in. Long	\$905.00
Q-0324082	2-1/2 in. Thread x Victaulic, 12 in. Long	\$905.00
Q-0324083	2-1/2 in. Victaulic x Victaulic, 12 in. Long	\$905.00
Q-0324084	2-1/2 in. Victaulic x Victaulic with Air Inject, 12 in. Long	\$905.00
Q-0324085	2-1/2 in. Thread x Thread, 14 in. Long	\$905.00
Q-0324086	2-1/2 in. Thread x Thread with Air Inject, 14 in. Long	\$905.00
Q-0324087	2-1/2 in. Thread x Victaulic, 14 in. Long	\$905.00
Q-0324088	2-1/2 in. Thread x Victaulic with Air Inject, 14 in. Long	\$905.00
Q-0324089	2-1/2 in. Victaulic x Victaulic, 14 in. Long	\$905.00
Q-0324090	2-1/2 in. Victaulic x Victaulic with Air Inject, 14 in. Long	\$905.00
Q-0324091	2-1/2 in. Victaulic x Victaulic, 16 in. Long	\$905.00
Q-0324094	3 in. Thread, NPTF x NPTM, 12 in. Long	\$1,231.00
Q-0324095	3 in. Thread x Victaulic, 14 in. Long	\$1,231.00
Q-0324096	3 in. Victaulic x Victaulic, 14 in. Long	\$1,231.00
	Discharge Manifolds	
Q-0324302	2.5 in Victaulic Inlet with (3) 2 in. 4-Bolt Uni-Body Flanges, With Flowmeter Provision	\$1,038.00

Part No.	Item	Price
Q-0324282	2.5 in. Victaulic Inlet with (2) 2 in. MNPT Flanges, With Flowmeter Provision	\$604.00
Q-0324225	2.5 in Victaulic Inlet with (1) 2.5 in. and (2) 2 in. 4-Bolt Uni-Body Flanges, With Flowmeter Provision	\$1,077.00
	Air Valves	
	<i>Manual Valves</i>	
Q-2410010	Manual, 1/2 in. with Round Chrome Handle	\$61.00
Q-2410029	Manual, 3/4 in. with Round Chrome Handle	\$57.00
Q-2410145	Manual, 3/4 in. with Rectangular Chrome Handle	\$57.00
	<i>Electric Valves without Swivel</i>	
V 3521	Electric Valve, 12V, 1/2 in. (Without Swivel)	\$160.00
V 3522	Electric Valve, 12V, 3/4 in. (Without Swivel)	\$268.00
V 3713	Electric Valve, 24V, 1/2 in. (Without Swivel)	\$160.00
V 3714	Electric Valve, 24V, 3/4 in. (Without Swivel)	\$268.00
	<i>Electric Valves with Swivel</i>	
83360-2C	Electric Valve, 12V, 1/2 in. (Includes Swivel)	\$160.00
83360-2D	Electric Valve, 12V, 3/4 in. (Includes Swivel)	\$268.00
83360-2E	Electric Valve, 24V, 1/2 in. (Includes Swivel)	\$160.00
83360-2F	Electric Valve, 24V, 3/4 in. (Includes Swivel)	\$268.00
	<i>Air Check Valves</i>	
Q-2410088	1/2 in. Stainless Steel Durabla Check Valve	\$289.00
Q-2410089	3/4 in. Stainless Steel Durabla Check Valve	\$320.00
Q-2410133	1 in. Stainless Steel Durabla Check Valve	\$286.00
	CAFS Check Valve Kits (Ball Valve not Included)	
	<i>Check Valve</i>	
83375-2A	1.5 in. Elkhart, FNPT/Victaulic	\$628.00
83375-2B	2.0 in. Elkhart, FNPT	\$839.00
83375-2C	2.0 in. Elkhart, Victaulic	\$839.00
83375-2D	2.5 in. Elkhart, FNPT	\$879.00
83375-2E	2.5 in. Elkhart, Victaulic	\$879.00
83375-3A	2.0 in. Wafer, For Old Style 2.0 in Elkhart Valves and Waterous Manifolds	\$503.00
83375-3B	2.5 in. Wafer, For Old Style 2.5 in Elkhart Valves and Waterous Valves	\$883.00
83375-3C	2.5 in. Wafer, For Waterous Manifolds	\$883.00
	<i>Air Valves</i>	
	<i>1/2 in. For 1.5 and 2.0 in. Check Valves</i>	

Part No.	Item	Price
83375-4A	1/2 in. Manual Valve with Round Handle	\$49.00
83375-4B	1/2 in. Electric Valve, 12 Volt	\$160.00
83375-4C	1/2 in. Electric Valve, 24 Volt	\$160.00
	<i>3/4 in. For 2.5 in. Check Valves</i>	
83375-4D	3/4 in. Manual Valve with Round Handle	\$57.00
83375-4E	3/4 in. Electric Valve, 12 Volt	\$268.00
83375-4F	3/4 in. Electric Valve, 24 Volt	\$268.00
	<i>Fitting Kit</i>	
83375-5B	1.5 or 2.0 in. Wafer Check Valve, With Throttle Valve	\$327.00
83375-5D	2.5 or 3.0 in. Wafer Check Valves, With Throttle Valve	\$426.00
83375-5F	1.5 or 2.0 in. Elkhart Check Valves, With Throttle Valve	\$139.00
83375-5H	2.5 in. Elkhart Check Valve, With Throttle Valve	\$198.00
	ICS Valves (Pressure Sensor Included)	
	Valve Size (12 or 24 Volt)	
	1.5 in. Uni-Body	\$2,631.00
	2.0 in. Uni-Body	\$2,812.00
	2.5 in. Uni-Body	\$2,959.00
	Controller	
	Primary Only (Single Controller)	\$1,533.00
	Primary and Secondary (Two Controllers, Optional)	\$3,062.00
	<i>Primary Controller Cables</i>	
	10 Feet Long	\$106.00
	20 Feet Long	\$207.00
	40 Feet Long	\$284.00
	<i>Secondary Controller Cables</i>	
	10 Feet Long	\$85.00
	20 Feet Long	\$99.00
	40 Feet Long	\$180.00
	Pressure Sensor Cable Cables	
	10 Feet Long	\$163.00
	20 Feet Long	\$163.00
	40 Feet Long	\$209.00
	Air Valves	
	1/2 in. Electric Valve, 12V or 24V (For 2.0 in. Valves)	\$160.00
	3/4 in. Electric Valve, 12V or 24V (For 2.5 in. Valves)	\$160.00
	Throttle Valve	
	Included, Use Optional	\$60.00
	Optional CAFS Manifold	
83371-10A	2.5 in Victaulic Inlet with (3) 2 in. 4-Bolt Uni-Body Flanges, With Flowmeter and Victaulic Clamp	\$1,038.00

Part No.	Item	Price
83371-10B	2.5 in Victaulic Inlet with (1) 2.5 in. and (2) 2 in. 4-Bolt Uni-Body Flanges, With Flowmeter and Victaulic Clamp	\$1,077.00

F-2669-CAFSAcc



January 1, 2023 Sales Price List

TC22 and TC23 Series PTO's

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

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- 2) Conditions of Sale document F-2190 applies to all items on this price list.
- 3) Material surcharge may apply. Surcharge will be determined at the time of shipment.
- 4) Consult factory for Quantity Discounts and Terms.
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Part No.	Item	Price
	Model	
	TC22B	\$14,586.00
	TC22C	\$14,964.00
	TC22D	\$15,331.00
	TC22E	\$15,689.00
	TC22F	\$16,050.00
	TC23	\$18,492.00
	<i>Output Connections</i>	
	<i>TC22 Series</i>	
	Single 1410 Series End Yoke (No Charge)	\$0.00
	Single SAE Class B 2-Bolt Hydraulic Flange	\$2,023.00
	Dual Output, 1410 Series End Yoke and SAE Class B 2-Bolt Hydraulic Flange	\$2,216.00
	<i>TC23 Series</i>	
	Single 1550 Series End Yoke (No Charge)	\$0.00
	Dual Output, 1550 Series End Yoke and SAE Class C 4-Bolt Hydraulic Flange	\$2,372.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$277.00
V 2838	1810 Series (2.35-46T Spline)	\$544.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$398.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$877.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$143.00
V 2840	For 1810 Series End Yoke	\$161.00
V 3389	For SPL140 Series End Yoke	\$238.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$701.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$791.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$658.00

Part No.	Item	Price
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$1,252.00
	With In-Cab Panel Only	\$1,252.00
	With Operators Panel Only	\$1,106.00
	Without Operators Panel	\$920.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$967.00
	Optional Priming System (When PTO is used to drive a Fire Pump)	
	<i>Priming Pump</i>	
	<i>VPO PTO Mounted Priming Pump</i>	
	12 Volt	\$1,421.00
	24 Volt	\$1,859.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$0.00
	Oversize	\$346.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$507.00
	Dual Vacuum Activated	\$1,010.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	Vacuum Activated (VAP) (Price for each additional valve)	\$1,316.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$173.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$104.00
72800-5	5 Gallons	\$291.00
72800-55	55 Gallons	\$1,685.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$399.00
	Air Primer and VAP Priming Valve	\$1,346.00
	Additional VAP Priming Valves (Price for each additional valve)	\$1,316.00
	Optional Pressure Protection Valve	\$55.00
	Optional Solenoid Cable Extension	\$76.00
	Optional Pressure Switch Extension Cable	\$58.00
	Optional Drain Valve (When PTO is used to drive a Fire Pump)	
71803-5	Cable Operated Bracket Mounted	\$425.00
	CAF Systems (All Prices are Net)	
	<i>Traditional CAFS Models</i>	
	150-ESD 150 CFM (for TC20/TC22)	\$23,318.00
	Eclipse ES, 200 CFM (for TC20/TC22)	\$34,220.00
	<i>Eclipse GEN 2.0 CAFS Models</i>	
	150-ESECL 150 CFM (for TC20/TC22)	\$55,734.00
	<i>Foam Pump</i>	
	<i>Traditional CAFS (Optional)</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Included)</i>	
	Model Aquis 3.0 (Standard, No Charge)	\$0.00
	Model Aquis 6.0	\$1,648.00
	<i>Foam Manifold or Flowmeter Tee</i>	
	See Separate Foam System Price List	\$0.00
	<i>Eclipse GEN 2.0 CAFS (Foam Manifold only available)</i>	
83620-4E	2-1/2 in. 4-Bolt Pads, Inlet and Outlet	\$756.00

Part No.	Item	Price
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$963.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$866.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$866.00
	<i>Foam Generators (Eclipse GEN 2.0 CAFS Only)</i>	
	Two Generators (Deduct)	(\$1,318.00)
	Three Generators (No Charge)	\$0.00
	High Rise Option	\$1,365.00
	High Flow Option (No Charge)	\$0.00
	Discharge Splitting Valve	\$2,710.00
	<i>Tellurus HMI Panel</i>	
	Single Panel (No Charge)	\$0.00
	Dual Panels	\$5,996.00
	<i>Sump</i>	
	<i>Vertical Tank</i>	
	All Models, Standard, No Charge	\$0.00
	<i>Tee Tank</i>	
	Optional	\$468.00
	<i>Main Oil Cooler (All Models)</i>	
	Water Cooler (Standard, No Charge)	\$0.00
	Air Cooler, 12 or 24 Volt (Optional, No Charge)	\$0.00
	<i>Secondary Oil Cooler (Optional for All Models)</i>	
	Air Cooler, 12 or 24 Volt	\$1,562.00
	CAFS Accessories (All Prices are Net)	
	<i>Hose and Fitting Kits</i>	
83368-3C	150 or 200 CFM (Kit 53742-C)	\$1,751.00
	<i>Oil Inject Check Valves</i>	
83368-2B	1/2 in., 150 CFM Systems	\$173.00
83368-2C	3/4 in., 200 CFM Systems	\$178.00
	Additional Accessories	
	See Separate CAFS Accessories Price List	\$0.00
	CAFS Operator Orientation (3 Days on Site)	
	Included (No Charge)	\$0.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$642.00



January 1, 2023 Sales Price List

TK, TPA and TQ Series PTO's

Effective Beginning: January 1, 2023

Issued: January 2023

Notes:

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Part No.	Item	Price
	TK Series PTO	
	<i>Model</i>	
	TK	\$8,843.00
	<i>Optional Companion Flanges</i>	
	1410 Series Companion Flange (Input and Output)	\$376.00
	DIN-100 Companion Flange (Input and Output)	\$438.00
	TPA Series PTO	
	<i>Model</i>	
	TPA	\$12,192.00
V 2593	1350/1410 Series Full Diameter Companion Flange (1-3/8-10 SAE Spline)	\$540.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$438.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$523.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$184.00
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$336.00
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	<i>Optional Tachometer Cable</i>	
63033	10 Foot Tachometer Cable with Panel Connection	\$155.00
	TQB Model PTO	
	<i>Model</i>	
	TQB	\$20,227.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 3077	1550 Series End Yoke (1-3/4-10 SAE Spline)	\$248.00
V 3761	SPL90 Series End Yoke (1-3/4-10 SAE Spline)	\$238.00
61319	1480/1550 Series Companion Flange (1-3/4-10 SAE Spline)	\$338.00
61320	1610 Series Companion Flange (1-3/4-10 SAE Spline)	\$597.00

Part No.	Item	Price
	<i>Optional Output End Yokes and Companion Flanges</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	<i>Optional Cooler Fitting Kit</i>	
	Fitting Kit for Oil Cooler Lines	\$53.00
	TQC Model PTO	
	<i>Model</i>	
	TQC	\$22,475.00
	<i>Optional Driveline End Yokes and Companion Flanges</i>	
V 3077	1550 Series End Yoke (1-3/4-10 SAE Spline)	\$248.00
V 3761	SPL90 Series End Yoke (1-3/4-10 SAE Spline)	\$238.00
61319	1480/1550 Series Companion Flange (1-3/4-10 SAE Spline)	\$338.00
61320	1610 Series Companion Flange (1-3/4-10 SAE Spline)	\$597.00
	<i>Optional Output End Yokes and Companion Flanges</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$182.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$231.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$843.00
	<i>Optional Cooler Fitting Kit</i>	
	Fitting Kit for Oil Cooler Lines	\$53.00

F-2669-TK



January 1, 2023 Sales Price List

TMR Reversing Transmission

Effective Beginning: January 1, 2023

Issued: January 2023

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Part No.	Item	Price
	TMR Series Reversing Transmission	
	<i>Model</i>	
	TMR	\$15,142.00
	<i>Driveline Size</i>	
	2 in.-10 SAE Spline (No Charge)	\$0.00
	<i>Optional Driveline Companion Flanges</i>	
61321	1700 Series (2-10 SAE Spline)	\$440.00