

## 2023 Sales Price List

### CS and CSU Series Midship Single Stage Fire Pumps

Effective Beginning: November 1, 2023

Issued: November, 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
	<b>CS Series Pump Models</b>	
	<b>CS Series</b>	
	CSC22B	\$ 24,422.00
	CSC22C	\$ 24,828.00
	CSC22D	\$ 25,220.00
	CSC22E	\$ 25,609.00
	CSC22F	\$ 25,986.00
	CSD	\$ 14,391.00
	CSK	\$ 21,768.00
	CSPA	\$ 23,047.00
	CSQC	\$ 32,953.00
	<b>CSU Series</b>	
	CSUC22B	\$ 28,093.00
	CSUC22C	\$ 28,499.00
	CSUC22D	\$ 28,896.00
	CSUC22E	\$ 29,278.00
	CSUC22F	\$ 29,658.00
	CSUD	\$ 18,062.00
	CSUK	\$ 27,556.00
	CSUPA	\$ 26,839.00
	CSUQC	\$ 36,332.00
	<b>C22 Series Transmission</b>	
	<i>Mounting on Pump</i>	
	Rear (No Charge)	\$ 0.00
	Front	\$ 907.00
	<i>Input Shaft</i>	

Part No	Item	Price
	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 Rear Hydraulic Flange</i>	
	SAE Class B 2-Bolt Hydraulic Pump Mounting Provision	\$ 2,216.00
	<i>Optional Driveline End Yokes (Price Listed for One Yoke)</i>	
V 2837	1710 Series (2.35-46T Spline)	\$ 289.00
V 2838	1810 Series (2.35-46T Spline)	\$ 568.00
V 3388	SPL140 End Yoke (2.35-46T Spline)	\$ 416.00
V 4102	1810 Series Half Round (2.35-46T Spline)	\$ 915.00
	<i>Optional Yoke Cross and Bearing Kits (Price Listed for One Kit)</i>	
V 2839	For 1710 Series End Yoke	\$ 150.00
V 2840	For 1810 Series End Yoke	\$ 168.00
V 3389	For SPL140 Series End Yoke	\$ 249.00
	<i>Optional Driveline Companion Flanges (Price Listed for One Flange)</i>	
V 3719	1480/1610 Series (2.35-46T Spline)	\$ 732.00
V 3619	1650/1710 Series (2.35-46T Spline)	\$ 826.00
63714	ISO 8667 Serrated (2.35-46T Spline)	\$ 687.00
	<i>Pneumatic Shift Unit with Interlock</i>	
	With In-Cab and Operators Panels	\$ 1,306.00
	With In-Cab Panel Only	\$ 1,306.00
	With Operators Panel Only	\$ 1,154.00
	Without Operators Panel	\$ 960.00
V 3601	Optional Air Compressor Kit, 12 Volt	\$ 1,009.00
	<b>K Series Transmission</b>	
	<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)	\$ 564.00
73327	DIN 100 Companion Flange (1-3/8-10 SAE Spline)	\$ 457.00
73276	70 mm Male Pilot Companion Flange (1-3/8-10 SAE Spline)	\$ 546.00
73377	70 mm Female Pilot Companion Flange (1-3/8-10 SAE Spline)	\$ 546.00
V 1641	1350 Series End Yoke (1-3/8-10 SAE Spline)	\$ 192.00

Part No	Item	Price
V 2591	1410 Series End Yoke (1-3/8-10 SAE Spline)	\$ 351.00
	<i>CSUK Models:</i>	
V 2861	1410 Series End Yoke (1-1/2-10 SAE Spline)	\$ 190.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$ 241.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$ 880.00
	<i>Optional Suspension Pin Mounting Kit</i>	
K 520	Suspension Pin Mounting Kit	\$ 162.00
	<b>PA Series Transmission</b>	
	<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	\$ 1,722.00
	<i>Tachometer Connection</i>	
	Electronic Tachometer Connection (Standard, No Charge)	\$ 0.00
	Optional 10 Foot Tachometer Cable with Panel Connection	\$ 162.00
	<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)	\$ 190.00
V 1822	1350/1410 Series Companion Flange (1-1/2-10 SAE Spline)	\$ 241.00
73330	70 mm Male Pilot Companion Flange (1-1/2-10 SAE Spline)	\$ 880.00
	<b>QC Series Transmission</b>	
	<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	\$ 353.00
61320	Companion Flange, 1610 Series	\$ 623.00
V 3077	End Yoke, 1550 Series	\$ 259.00
V 3761	End Yoke, SPL 90 Series End Yoke	\$ 249.00
V 3861-1	End Yoke. 1350/1410 Series	\$ 686.00
	<b>Impeller Flame Plating</b>	
	CS Series Pumps (Optional)	\$ 749.00
	CSU Series Pumps (Standard, No Charge)	\$ 0.00
	<b>Pump Seal</b>	
	Packing (Standard, No Charge)	\$ 0.00
	Optional Mechanical Seals	\$ 803.00
	<b>Pump Shaft Material</b>	

Part No	Item	Price
	Stainless Steel (Standard, No Charge)	\$ 0.00
	Monel (Optional)	\$ 2,236.00
	<b>Tank to Pump Flange Fittings</b>	
	<i>Optional Check Valve</i>	
	With Check Valve	\$ 154.00
	<i>Optional Fittings</i>	
	2-1/2 in. NPT Flange (F)	\$ 143.00
	3 in. NPT Flange (F)	\$ 161.00
	4 in. ANSI Fitting	\$ 543.00
	Blind Flange	\$ 126.00
	<i>Optional Valves</i>	
	See Separate Intake and Discharge Valve Price List	\$ 0.00
	<b>Left and Right Intake</b>	
	<i>Intake Adapters</i>	
	Rear Flange with 5 in. ANSI Flange	\$ 2,512.00
	Rear Flange with 5 in. Grooved (Victaulic) Fitting	\$ 2,377.00
	<i>Intake Extensions</i>	
	1 in. Long	\$ 654.00
	4 in. Long	\$ 1,765.00
	<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
	<b>Left and Right Discharge</b>	
	<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
	<b>Center Discharge</b>	
	<i>Pre-Configured Piping Assemblies</i>	
80882-0003	Openings Rear	\$ 1,181.00
80882-0009	Openings Rear	\$ 412.00
80882-0113	Openings Rear	\$ 2,082.00

Part No	Item	Price
80882-0224	Openings Rear	\$ 556.00
80882-0252	Openings Rear	\$ 871.00
80882-0301	Blind Flange with Drain	\$ 110.00
80882-0303	3 in. NPT Tapped Flange 51744	\$ 169.00
80882-0304	3-1/2 in. NPT Tapped Flange 51744-1	\$ 169.00
80882-0305	3 in. NPT Angle Compensated Tapped Flange 72257	\$ 202.00
80882-0306	3-1/2 in. NPT Angle Compensated Tapped Flange 72098	\$ 202.00
80882-0338	Openings Rear and Right	\$ 1,321.00
80882-0364	Openings Right and Up	\$ 1,535.00
80882-0424	Openings Rear and Up	\$ 871.00
80882-0438	Openings Rear	\$ 1,083.00
80882-0440	Openings Right and Up	\$ 1,988.00
80882-0464	Openings Rear	\$ 539.00
80882-0465	Openings Rear and Right	\$ 1,854.00
80882-0480	4 in. NPT Tapped Flange 51744-4	\$ 321.00
80882-0486	Openings Rear and Up	\$ 935.00
80882-0493	Openings Rear	\$ 412.00
80882-0511	Openings Right, Front and Up	\$ 2,234.00
80882-0514	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$ 1,888.00
80882-0518	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$ 1,888.00
80882-0519	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$ 5,335.00
80882-0520	Openings Rear, Forward, Right, Left and Up (21st Century Manifold)	\$ 5,461.00
	<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
	<b>Front Discharge Piping</b>	
	<i>Pre-Configured Piping Assemblies</i>	
82551	Manifold 82551	\$ 433.00
82621-1A	Manifold 82621-1A with 82617-2B.4 Valve	\$ 5,671.00
	<i>Individual Fittings Ordered</i>	
	See Separate Discharge and Auxiliary Fitting Price List	\$ 0.00
	<b>Auto Tank Fill System</b>	
	<i>Control System</i>	
	ATF Controls, Cables and Panels	\$ 3,253.00
	<i>Ball Valve</i>	

Part No	Item	Price
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$ 3,519.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$ 3,555.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$ 4,092.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$ 4,128.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	<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	\$ 260.00
	Tapped Flange 2-1/2 in. NPT (F)	\$ 99.00
	<b>Additional Capacity Test</b>	
	Additional Test at 1000, 1250, 1500, 1750 or 2000 GPM	\$ 400.00
	<b>Pressure Control System</b>	
	<i>Discharge Relief Valve</i>	
	Mounted on Left or Right Side of Pump	\$ 2,527.00
	Separately Mounted 3 in. Valve (CS models)	\$ 2,673.00
	Separately Mounted Single 4 in. Valve, NPT or BSP (CSU Models)	\$ 3,270.00
	Separately Mounted Single 4 in. Valve, Victaulic (CSU Models)	\$ 3,368.00
	<i>Pilot Valve for Discharge Relief Valve</i>	
81777-5	Pilot Valve	\$ 1,714.00
73043-10	Optional Cable Extension for Pilot Valve, 10 Feet Long	\$ 45.00
K 671	Optional In-Line Strainer Kit for Pilot Valve	\$ 186.00
	<i>Intake Relief Valve</i>	
	<i>Piloted Valve: Controlled by a Panel Mounted Pilot Valve</i>	
82256-4	Piloted Valve, Pump Mounted, Behind BFV	\$ 2,567.00
82256-5	Piloted Valve, Separately Mounted (Installed by OEM)	\$ 2,676.00
82256-6	Piloted Valve, Pump Mounted, In Front of BFV	\$ 2,469.00
	<i>Non-Piloted Valve: Control Integral with Valve</i>	
83827-1A	Non-Piloted Valve, Pump Mounted	\$ 530.00
83827-1B	Non-Piloted Valve, Separately Mounted (Installed by OEM)	\$ 694.00
	<b>Priming System</b>	
	<i>Priming Pump</i>	
	<i>VPO Transmission Mounted Priming Pump</i>	
	12 Volt	\$ 1,483.00

Part No	Item	Price
	24 Volt	\$ 1,939.00
	<i>VPOS Separately Mounted Priming Pump</i>	
	12 Volt	\$ 1,483.00
	24 Volt	\$ 1,939.00
	<i>Push Button Switch for Primer Activation</i>	
	Standard (No Charge)	\$ 0.00
	Oversize	\$ 361.00
	<i>Main VAP Priming Valve</i>	
	Single Vacuum Activated	\$ 529.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	One Additional Valve	\$ 1,373.00
	Two Additional Valves	\$ 2,317.00
	Three Additional Valves	\$ 3,261.00
	Four Additional Valves	\$ 4,209.00
	Five Additional Valves	\$ 5,154.00
	<i>Optional Priming Lubricant Tank</i>	
82593-1	5 Quart Priming Lubricant Tank	\$ 181.00
	<i>Optional Prime-Safe Priming Lubricant</i>	
72800-1	1 Gallon	\$ 109.00
72800-5	5 Gallons	\$ 304.00
72800-55	55 Gallons	\$ 1,758.00
	<i>Venturis Air Primer</i>	
	Auto Prime Feature	\$ 417.00
	Air Primer and VAP Priming Valve	\$ 1,404.00
	<i>Additional VAP Priming Valves (For Multiple Valve Systems)</i>	
	One Additional Valve	\$ 1,373.00
	Two Additional Valves	\$ 2,317.00
	Three Additional Valves	\$ 3,261.00
	Four Additional Valves	\$ 4,209.00
	Five Additional Valves	\$ 5,154.00
	Optional Pressure Protection Valve	\$ 58.00
	Optional Solenoid Cable Extension	\$ 80.00
	Optional Pressure Switch Extension Cable	\$ 61.00
	<b>Drain Valve</b>	
61756-1	Panel Mounted	\$ 546.00
71803-5	Cable Operated Bracket Mounted	\$ 444.00
	<b>OPM (Overheat Protection Manager)</b>	
	Installed on Pump at the Factory	\$ 827.00
	Separately Mounted (Mounted by OEM)	\$ 974.00
	Optional Audible Alarm	\$ 238.00
	<b>Auto Tank Fill System</b>	
	<i>Control System</i>	

Part No	Item	Price
	ATF Controls, Cables and Panels	\$ 3,253.00
	<i>Ball Valve</i>	
	2-1/2 in. Full-Flow, 12 Volt (In-Line Mounted)	\$ 3,519.00
	2-1/2 in. Full-Flow, 24 Volt (In-Line Mounted)	\$ 3,555.00
	3-1/2 in. Standard, 12 Volt (Flange Mounted)	\$ 4,092.00
	3-1/2 in. Standard, 24 Volt (Flange Mounted)	\$ 4,128.00
	<i>Optional Tapped Flanges for 3-1/2 in. Ball Valve</i>	
	2-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	3 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	3-1/2 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	4 in. NPT Flange (F) (Two Flanges Furnished)	\$ 335.00
	<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	\$ 260.00
	Tapped Flange 2-1/2 in. NPT (F)	\$ 99.00
	<b>Foam System (All Prices are Net unless Noted)</b>	
	<i>Foam Pumps, Foam Fill and Accessories</i>	
	See Separate Foam System Price List	\$ 0.00
	<b>CAF Systems (All Prices are Net)</b>	
	<i>Traditional CAFS Models</i>	
	150-D 150 CFM	\$ 24,322.00
	Eclipse 200 CFM	\$ 49,896.00
	<i>Eclipse GEN 2.0 CAFS Models</i>	
	150-ECL 150 CFM	\$ 58,131.00
	<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	\$ 1,719.00
	<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	\$ 789.00
83620-4F	1-1/2 in. FNPT x 2 in. Victaulic Flanges, Inlet and Outlet	\$ 1,005.00
83620-4G	2 in. FNPT x 2-1/2 in. Victaulic Flanges, Inlet and Outlet	\$ 1,005.00
83620-4H	2-1/2 in. FNPT x 3 in. Victaulic Flanges, Inlet and Outlet	\$ 1,005.00
83620-4J	4-Bolt Inlet, 2 in. FNPT x 2-1/2 in. Victaulic Outlet	\$ 904.00
83620-4K	4-Bolt Inlet, 2-1/2 in. FNPT x 3 in. Victaulic Outlet	\$ 904.00
	<i>Foam Generators (Eclipse GEN 2.0 CAFS Only)</i>	



Part No	Item	Price
	Two Generators (Deduct)	-\$ 1,262.00
	Three Generators (No Charge)	\$ 0.00
	High Rise Option	\$ 1,424.00
	High Flow Option (No Charge)	\$ 0.00
	Discharge Splitting Valve	\$ 2,827.00
	<i>Tellurus HMI Panel</i>	
	Single Panel (No Charge)	\$ 0.00
	Dual Panels	\$ 6,254.00
	<b>CAFS Accessories (All Prices are Net)</b>	
	<i>Hose and Fitting Kit</i>	
83368-3C	150 CFM (Kit 53742-C)	\$ 1,827.00
	<b>Additional Accessories</b>	
	See Separate CAFS Accessories Price List	\$ 0.00
	<b>CAFS Operator Orientation (3 Days on Site)</b>	
	Included (No Charge)	\$ 0.00
	Surcharge for Training in Canada, Alaska and Hawaii (Price is Net)	\$ 670.00
	<b>Paint Color</b>	
	Red Primer (No Charge)	\$ 0.00
	Gray Primer (No Charge)	\$ 0.00
	Black Primer (No Charge)	\$ 0.00
	<b>TPP Labor Warranty</b>	
	3 Year Labor Warranty (Price is Net) (Not available if CAFS ordered)	\$ 1,060.00
	5 Year Labor Warranty (Price is Net) (Not available if CAFS ordered)	\$ 1,765.00
	5 Year Labor Warranty (Price is Net) (With Eclipse CAFS)	\$ 3,524.00