



50PSIG	100PSIG	150PSIG	INLET & OUTLET	BASE SIZE	MOTOR HP	RPM	VOLTAGE; PHASE
L_0760	M_0700	H_0650	1.5"	30 x 65	1-1.5-2	1200	120/208-230/460; 3P ONLY
L_1070	M_0970	H_0900	1.5"	30 x 65	1.5-2-3	1200	208-230/460; 3P ONLY
L_1220	M_1160	H_1110	1.5"	30 x 65	1.5-2-3	1800	(1.5HP) 120/208-230/460; 1&3P (2HP & 3HP) 3 PHASE ONLY
L_1730	M_1640	H_1560	1.5"	30 x 65	2-3-5	1800	120/208-230/460; 1&3P

CRITICAL FUEL SYSTEMS PUMP SETS ARE AVAILABLE AS PUMPS ONLY (X), PUMPS WITH MOTOR STARTERS AND RELAY CONTROLS (Y) AND COMPLETE PLC BASED CONTROL SYSTEMS (Z). PUMPS SETS ARE AVAILABLE IN SIMPLEX (SINGLE PUMP) OR DUPLEX (TWO PUMPS) CONFIGURATIONS.

**OPTIONS (NOT SHOWN)**

1. RUPTURE BASIN LEAK SWITCH
2. BACK PRESSURE REGULATOR (LOOSE)
3. FLOW SWITCH
4. 4" PRESSURE GAUGES
5. DP SWITCH/INDICATOR ACROSS STRAINER
6. FLEX HOSE CONNECTIONS (LOOSE)
7. VIBRATION ISOLATORS
8. SIMPLEX INLET STRAINERS

THIS DRAWING IS PROVIDED FOR GENERAL LAYOUT USE AND APPROXIMATE DIMENSIONS ONLY. SOME OF THE EQUIPMENT SHOWN IS OPTIONAL AND MAY NOT APPLY TO YOUR PROJECT. PROJECT SPECIFIC, DETAILED DRAWINGS ARE PROVIDED AFTER RECEIPT OF AN ORDER.

SCALE: 18:1



**GENERAL NOTES**

1. THIS DRAWING IS THE PROPERTY OF CRITICAL FUEL SYSTEMS, A DIVISION OF BFS INDUSTRIES, LLC, AND IS SUBJECT TO CHANGE WITHOUT NOTICE. THE INFORMATION CONTAINED HEREIN IS TO BE USED ONLY FOR THE JOB INDICATED, AND IS NOT TO BE COPIED, TRANSMITTED OR USED IN ANY WAY DETRIMENTAL TO THE COMPANY
2. ALL PIPING AND WIRING IS FACTORY INSPECTED FOR TIGHTNESS. HANDLING DURING SHIPMENT MAY LOOSEN AND MISALIGN COMPONENTS. THE FACTORY ASSUMES NO RESPONSIBILITY FOR LEAKS, MISALIGNMENT OR ANY OTHER CONSEQUENTIAL LIABILITY ARISING FROM SITUATIONS BEYOND ITS CONTROL. IT IS STRONGLY RECOMMENDED THAT ALL JOINTS, UNIONS AND COUPLINGS BE CHECKED FOR TIGHTNESS AND ALIGNMENT AFTER INSTALLATION TO ENSURE PROPER PERFORMANCE.

**SPECIAL NOTES**

1. ALL PIPING IS SCH. 40 ERW THREADED
2. ALL FITTINGS ARE 150# BMI
3. ALL UNIONS ARE 3000# FORGED STEEL

6			
5			
4			
3			
2			
1			

REVISIONS:



DRAWN SL APPROVED

SO #

JOB		
CUSTOMER		
MODEL: DUPLEX PUMPING SYSTEM MODELS DISCHARGE PRESSURES GPH 650, 700, 760, 900, 970, 1070, 1110, 1160, 1220, 1560, 1640, & 1730		
DATE 8/8/2019	DRAWING NO. PUMPSETS-(4)	REV. 0