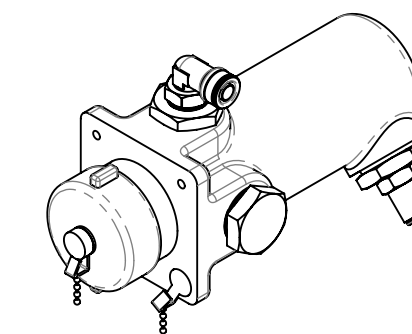
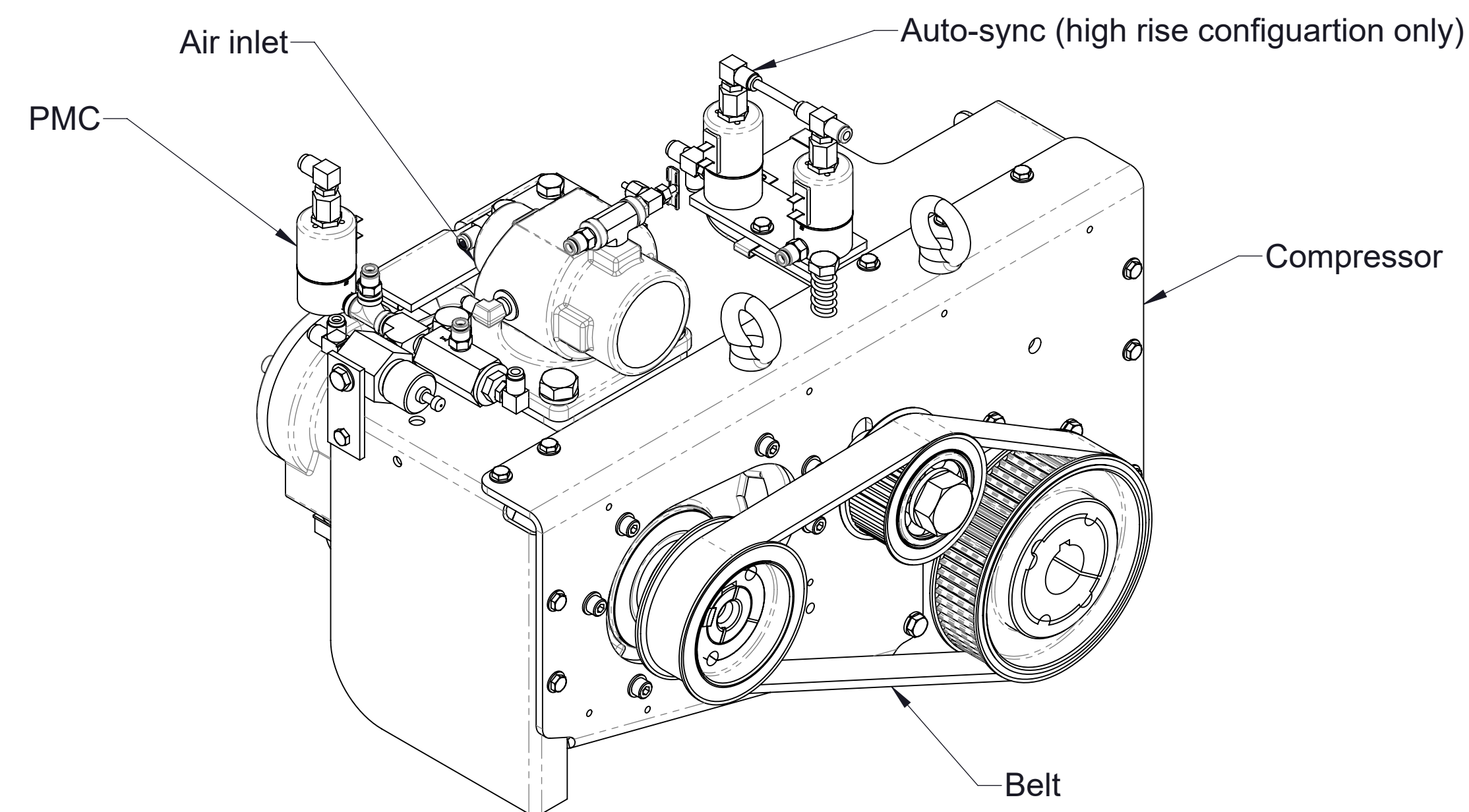
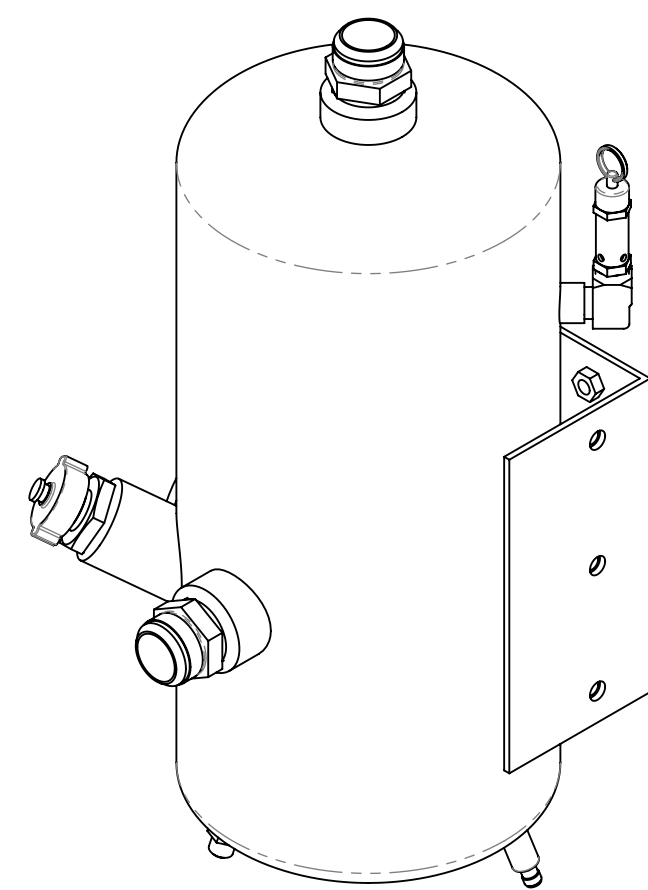


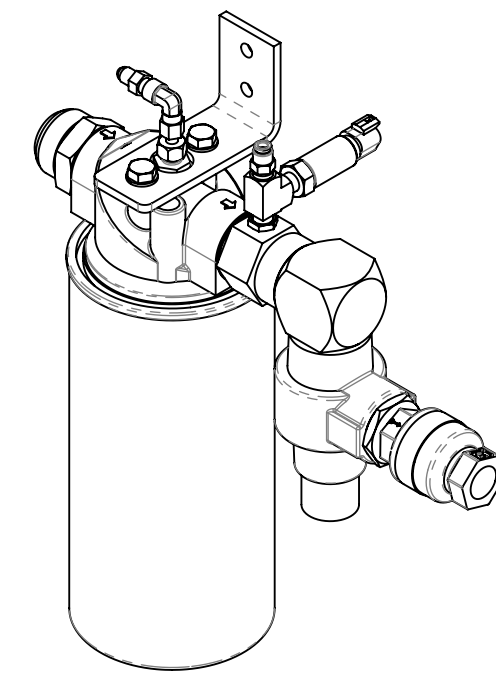
Model 150-ESECL Eclipse GEN 2.0 CAF System As used with CXC22 Series Fire Pumps



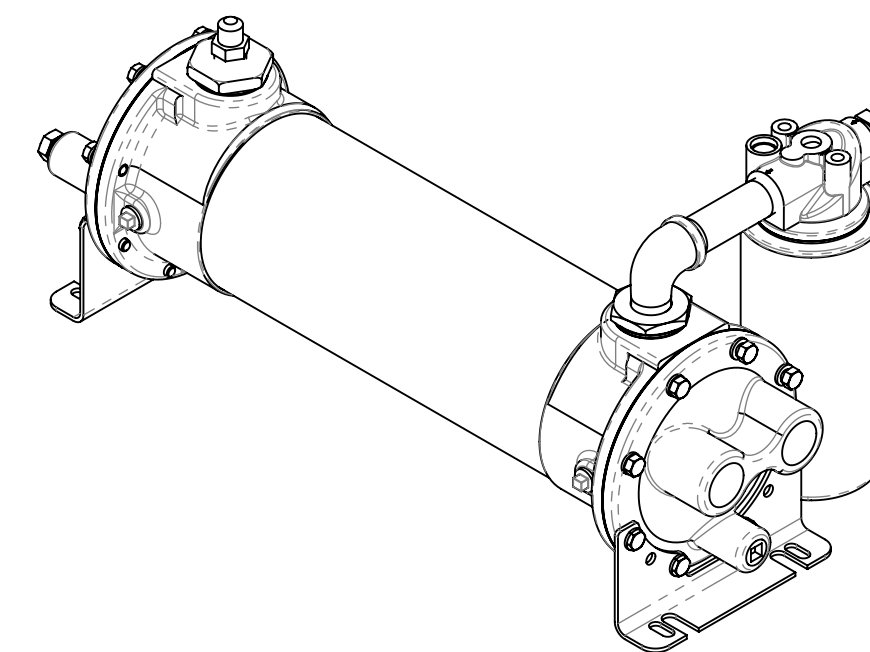
Optional Panel Strainer



Sump



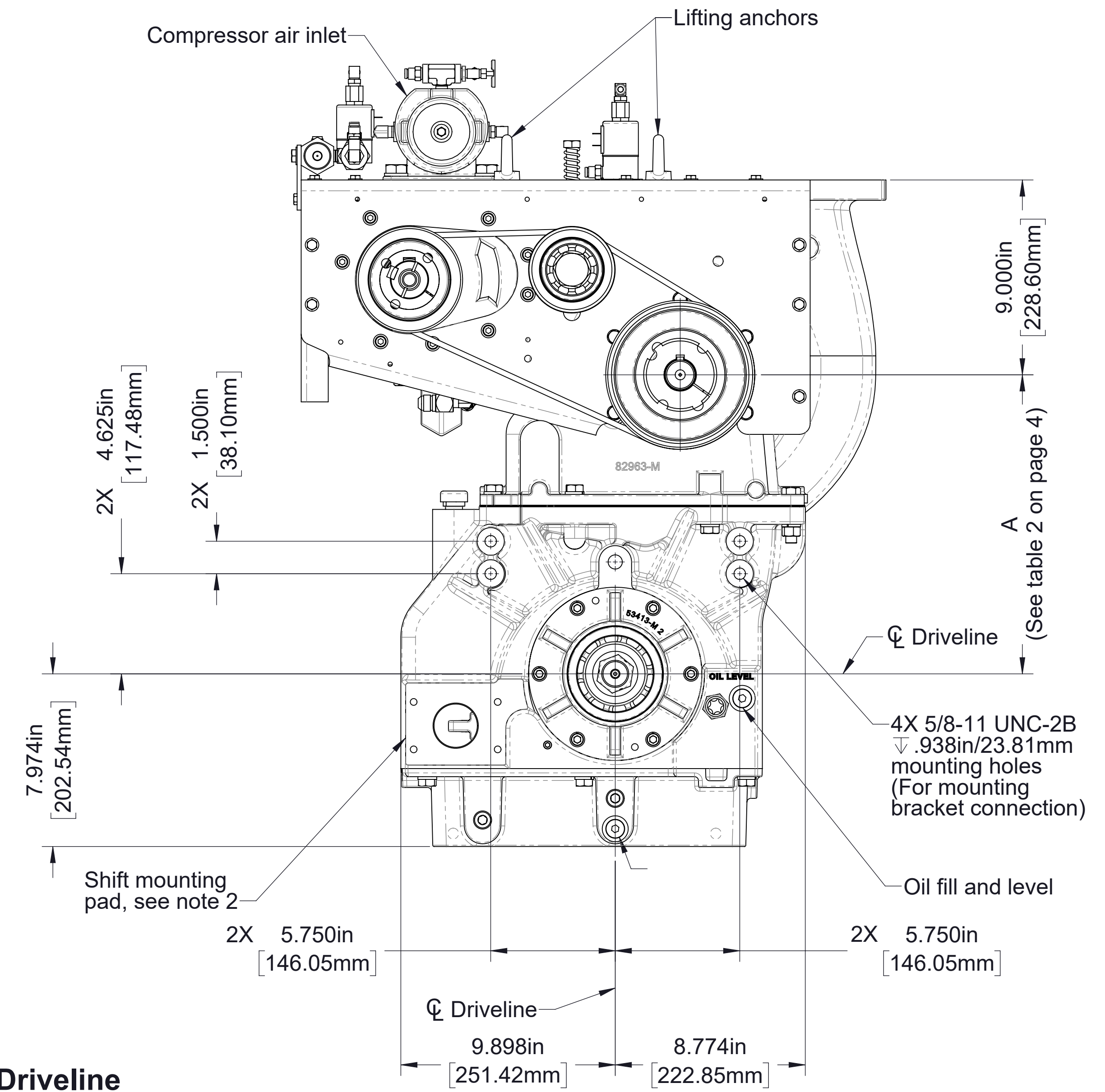
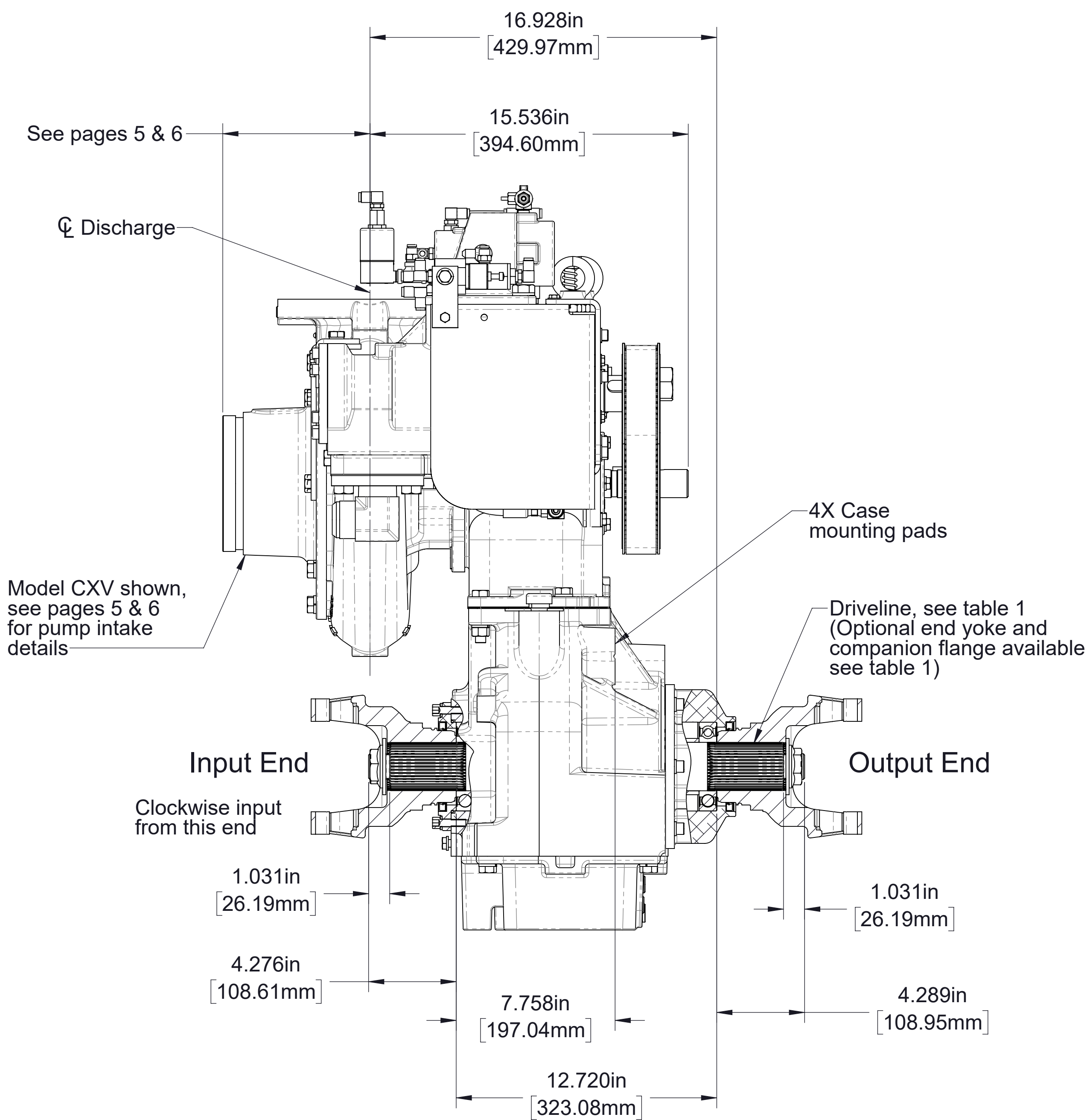
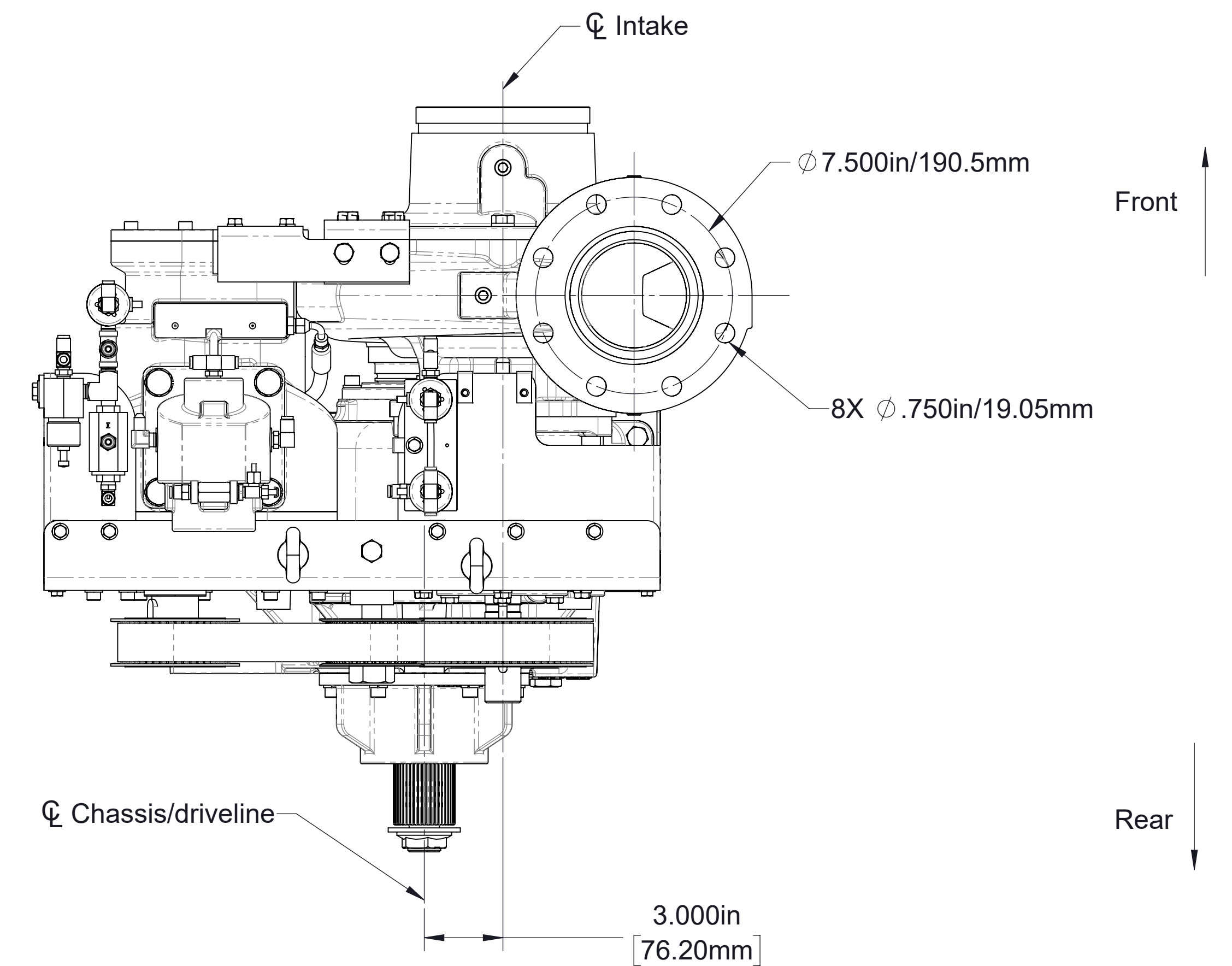
Separator Filter



Oil Cooler/Filter

Standard Components:	Page
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Table 1 - Available Driveline / Models							
Driveline			Optional End Yokes and Companion Flanges Available From Waterous				Pump Models
Type	Size	Spline	Spicer Series	Yoke		Companion Flange	
				Part Number	Cross and Bearing Kit		
Extra Heavy Duty	2.35 Inch	2.350-46T Involute	1480/1610	--	--	V 3719	CXNC22C CXNC22D CXNC22E CXNC22F CXVC22C CXVC22D CXVC22E CXVC22F CXSC22C CXSC22D CXSC22E CXSC22F
			1650/1710	--	--	V 3619	
			1710	V 2837	V 2869	--	
			1810	V 2838	V 2840	--	
			SPL140	V 3388	V 3389	--	

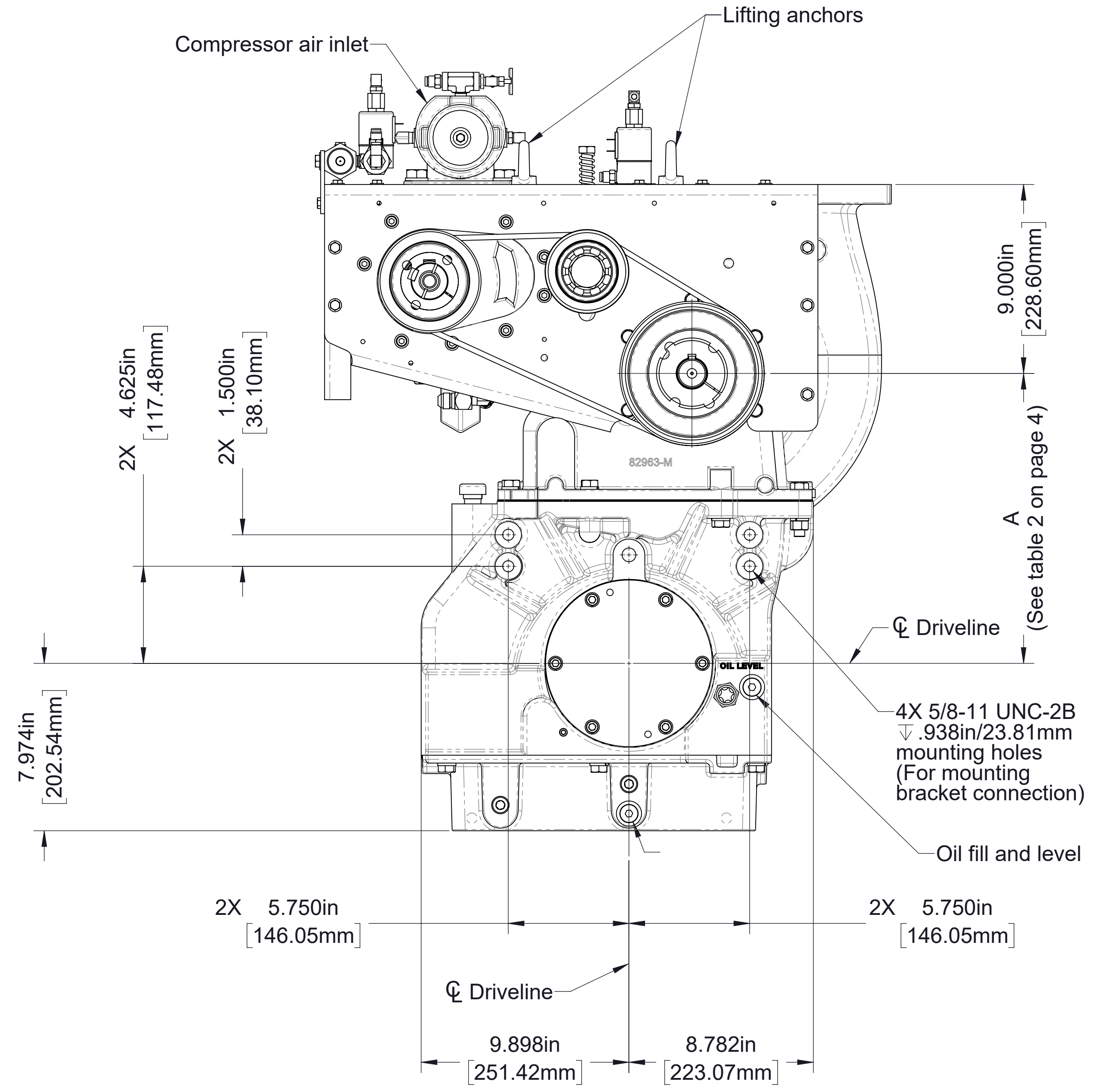
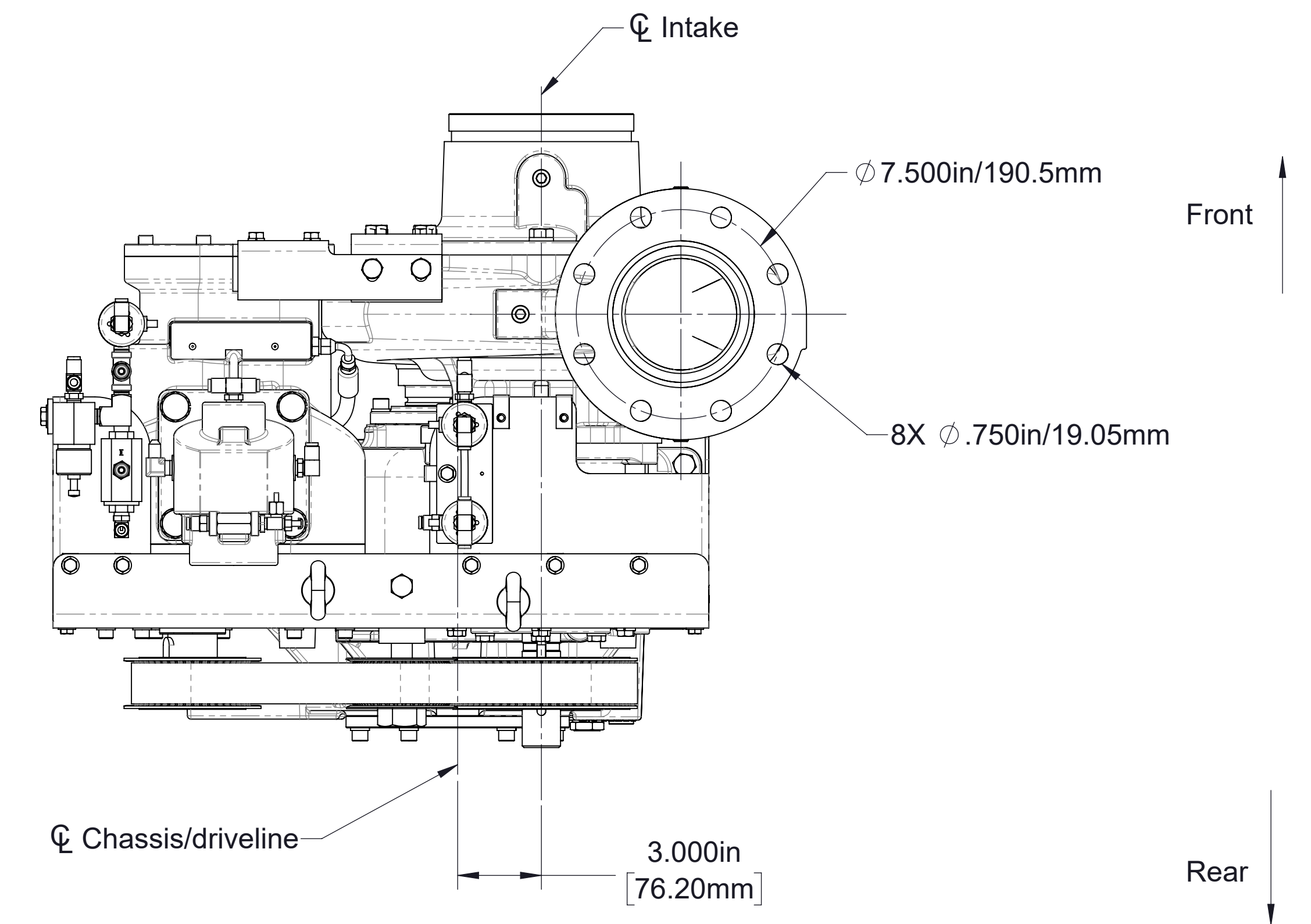
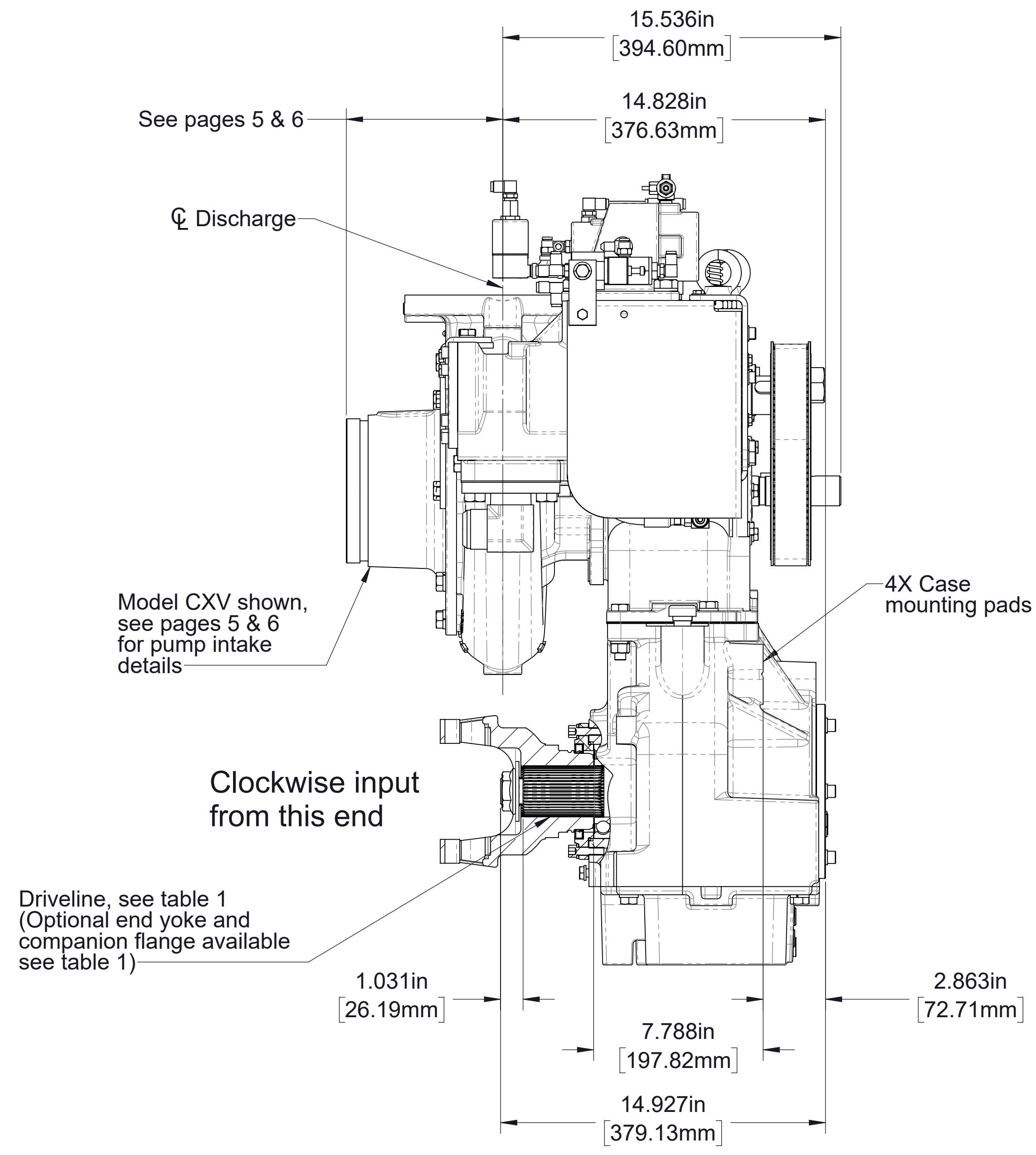


Input and Output Shaft Driveline

Notes:
 1. See table 2 on page 4 for available ratios.
 2. See drawing DPL82086 for shift details.

Table 1 - Available Driveline / Models

Driveline			Optional End Yokes and Companion Flanges Available from Waterous				Pump Models
Type	Size	Spline	Spicer Series	Yoke		Companion Flange	
				Part Number	Cross and Bearing Kit		
Extra Heavy Duty	2.35 Inch	2.350-46T Involute	1480/1610	--	--	V 3719	CXNC22C CXNC22D CXNC22E CXNC22F CXVC22C CXVC22D CXVC22E CXVC22F CXSC22C CXSC22D CXSC22E CXSC22F
			1650/1710	--	--	V 3619	
			1710	V 2837	V 2839	--	
			1810	V 2838	V 2840	--	
			SPL140	V 3388	V 3389	--	



Notes:
1. See table 2 on page 4 for available ratios.

Input Shaft Only Driveline

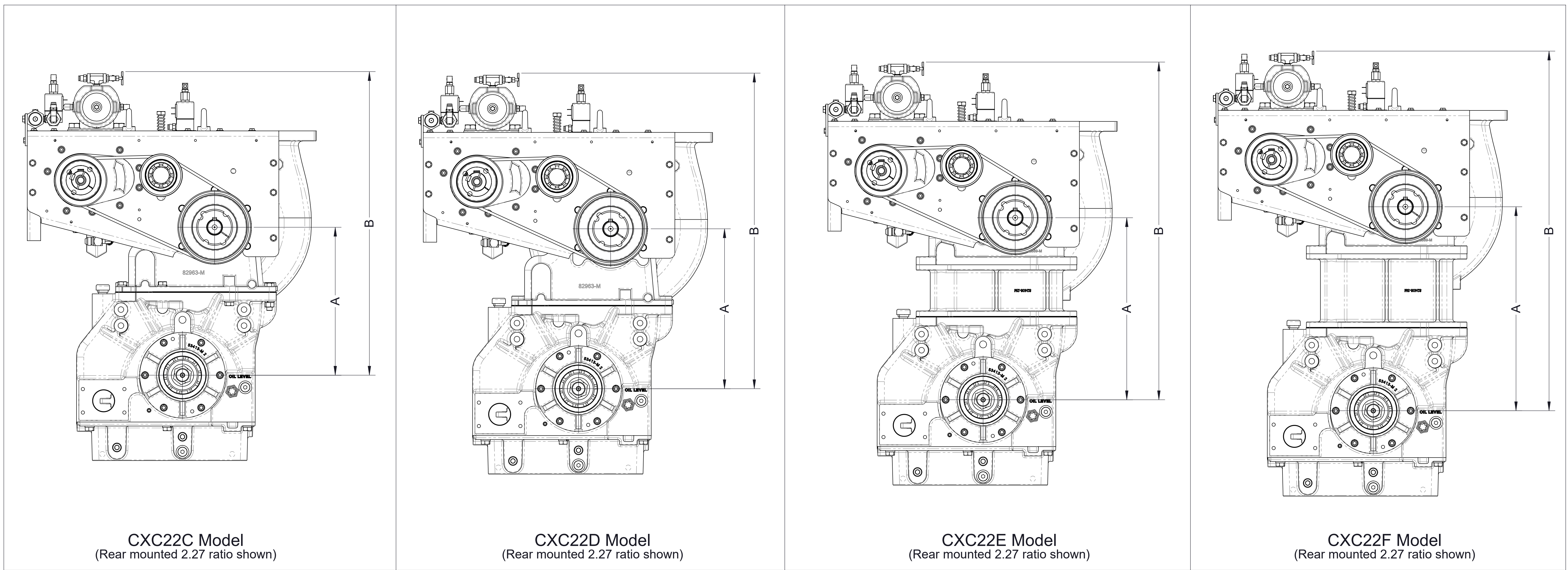
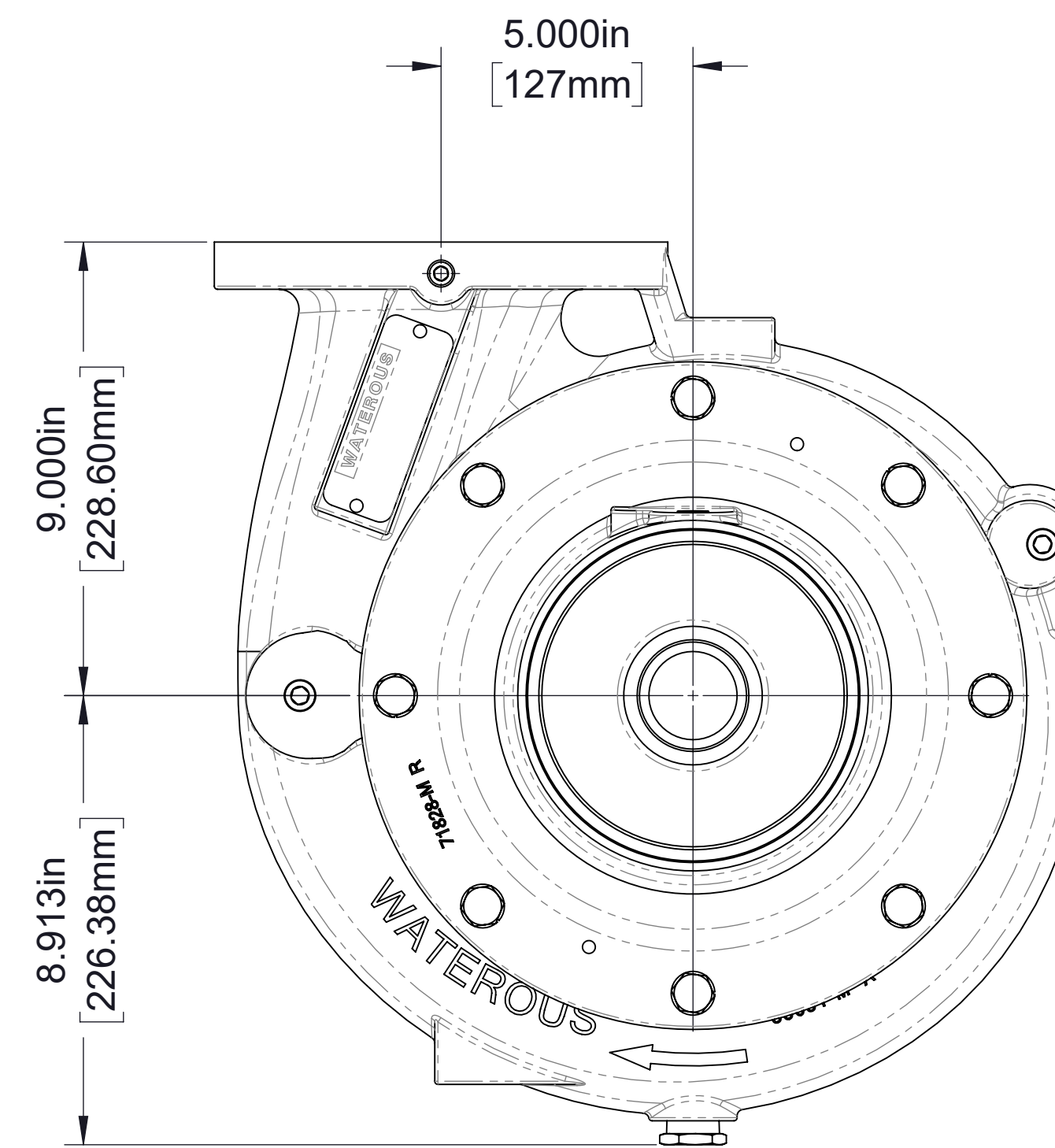
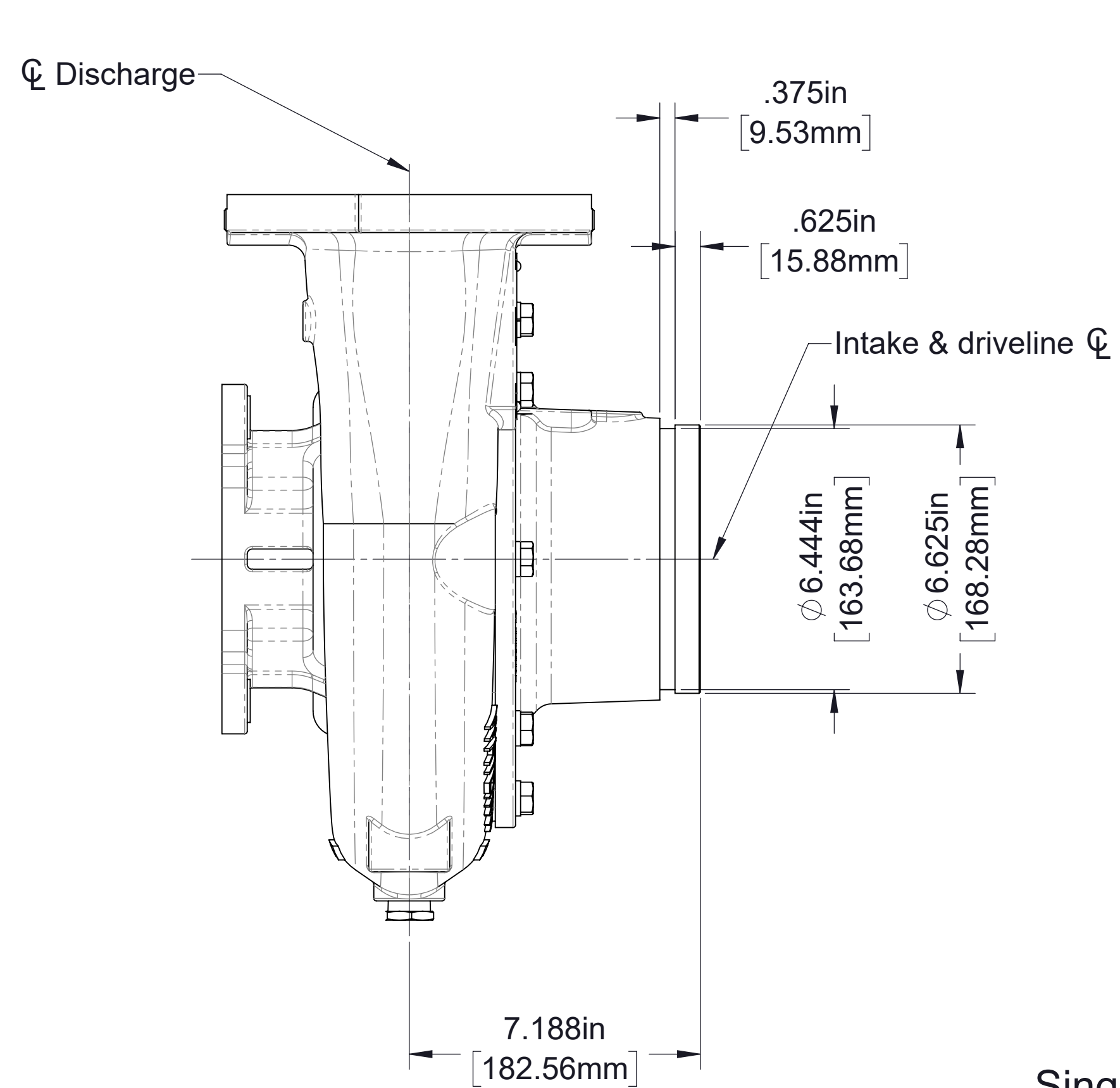
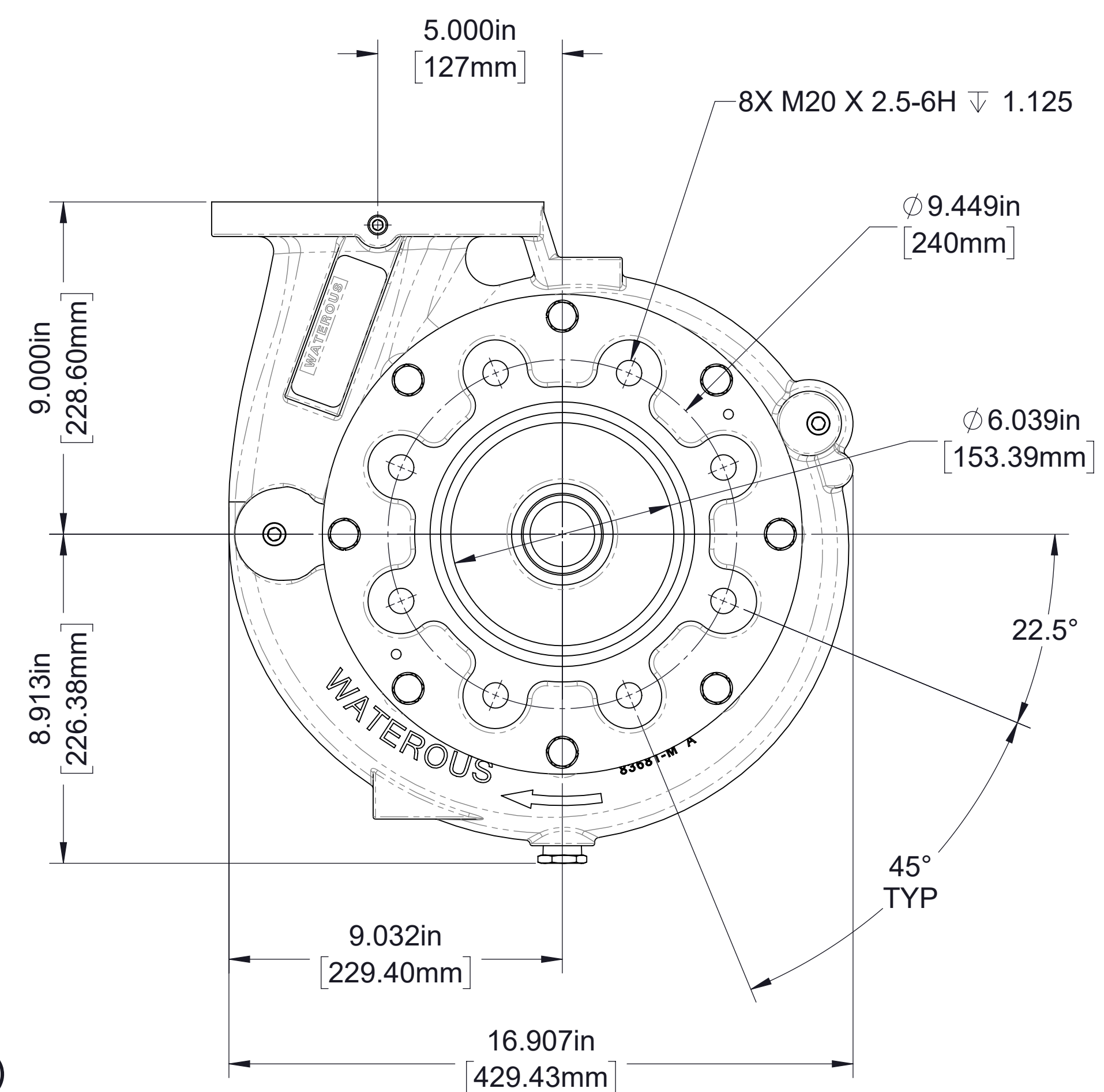
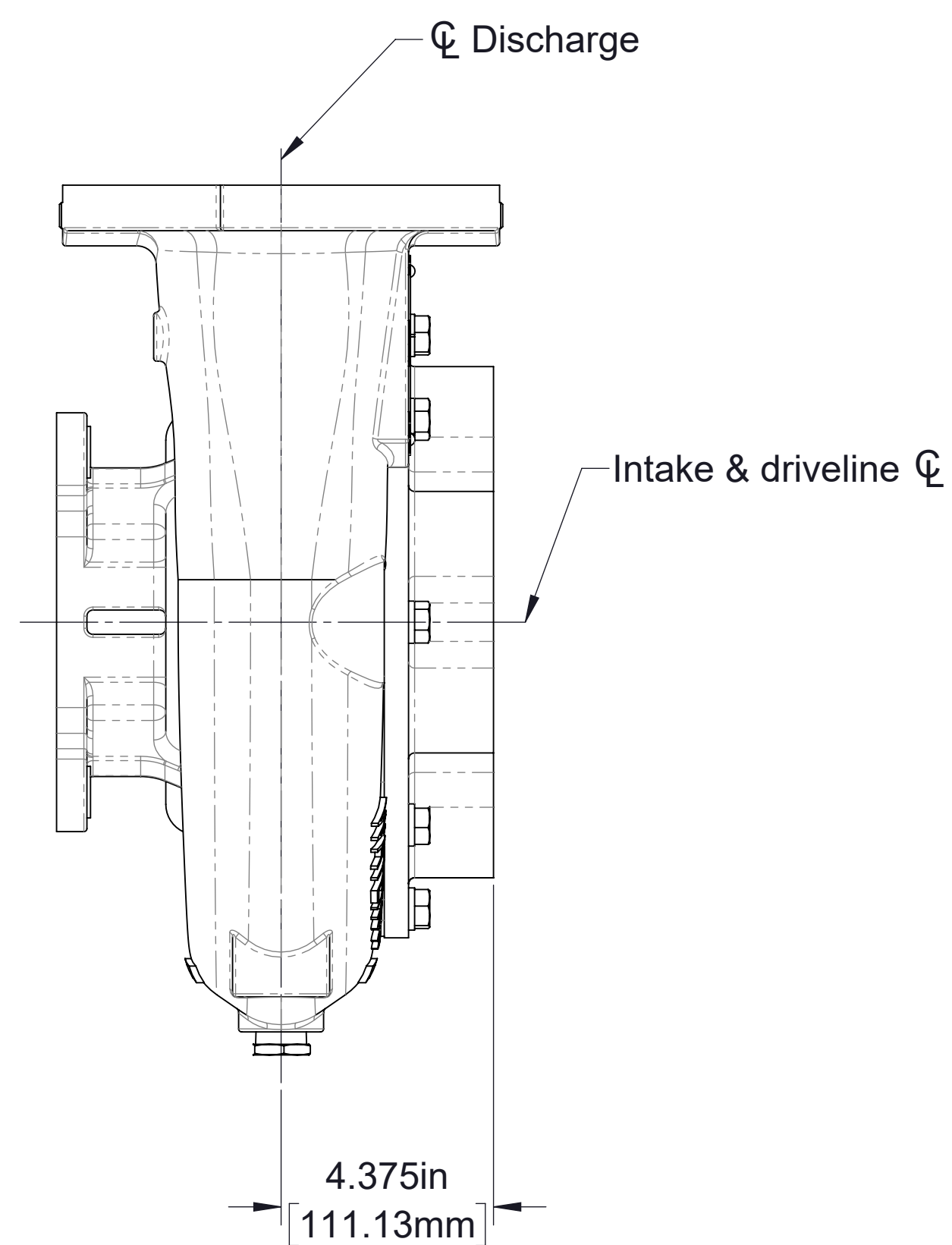


Table 2 - Available Ratios								
Drive to Driven Ratio	All dimensions shown as inch/millimeter							
	CXC22C		CXC22D		CXC22E		CXC22F	
	Dimension A	Dimension B	Dimension A	Dimension B	Dimension A	Dimension B	Dimension A	Dimension B
1.27	14.312/363.52	29.013/736.93	14.825/376.56	29.526/749.96	16.861/428.27	31.562/801.67	18.892/479.86	33.593/853.26
1.41	13.899/353.03	28.600/726.44	14.931/379.25	29.632/752.65	16.971/431.06	31.672/804.47	19.002/482.65	33.703/856.06
1.48	13.878/352.50	28.579/725.91	14.907/378.64	29.608/752.04	16.951/430.56	31.562/803.96	18.981/482.12	33.682/855.52
1.58	13.756/349.40	28.457/722.81	14.788/375.62	29.489/749.02	16.830/427.48	31.531/800.89	18.861/479.07	33.562/852.47
1.69	13.839/351.51	28.540/724.92	14.876/377.85	29.577/751.26	16.923/429.84	31.624/803.25	18.961/481.61	33.662/855.01
1.79	14.045/356.74	28.746/730.15	15.072/382.83	29.773/756.23	17.127/435.03	31.828/808.43	19.168/486.87	33.869/860.27
1.88	13.690/347.73	28.391/721.13	14.717/373.81	29.418/747.22	16.773/426.03	31.474/799.44	18.809/477.75	33.510/851.15
1.97	13.870/352.30	28.571/725.70	14.912/378.76	29.613/752.17	16.970/431.04	31.671/804.44	19.012/482.90	33.713/856.31
2.03	13.984/355.19	28.685/728.60	15.028/381.71	29.729/755.12	17.086/433.98	31.787/807.39	19.132/485.95	33.833/859.36
2.27	13.811/350.80	28.512/724.20	14.856/377.34	29.577/750.75	16.920/429.77	31.621/803.17	18.971/481.86	33.672/855.27
2.46	14.042/356.67	28.743/730.07	15.087/383.21	29.788/756.62	17.154/435.71	31.855/809.12	19.205/487.81	33.906/861.21
2.68	13.746/349.15	28.816/731.93	14.793/375.74	29.874/758.80	16.865/428.37	31.439/798.55	18.923/480.64	33.509/851.13

Available Ratios and Drop Dimensions

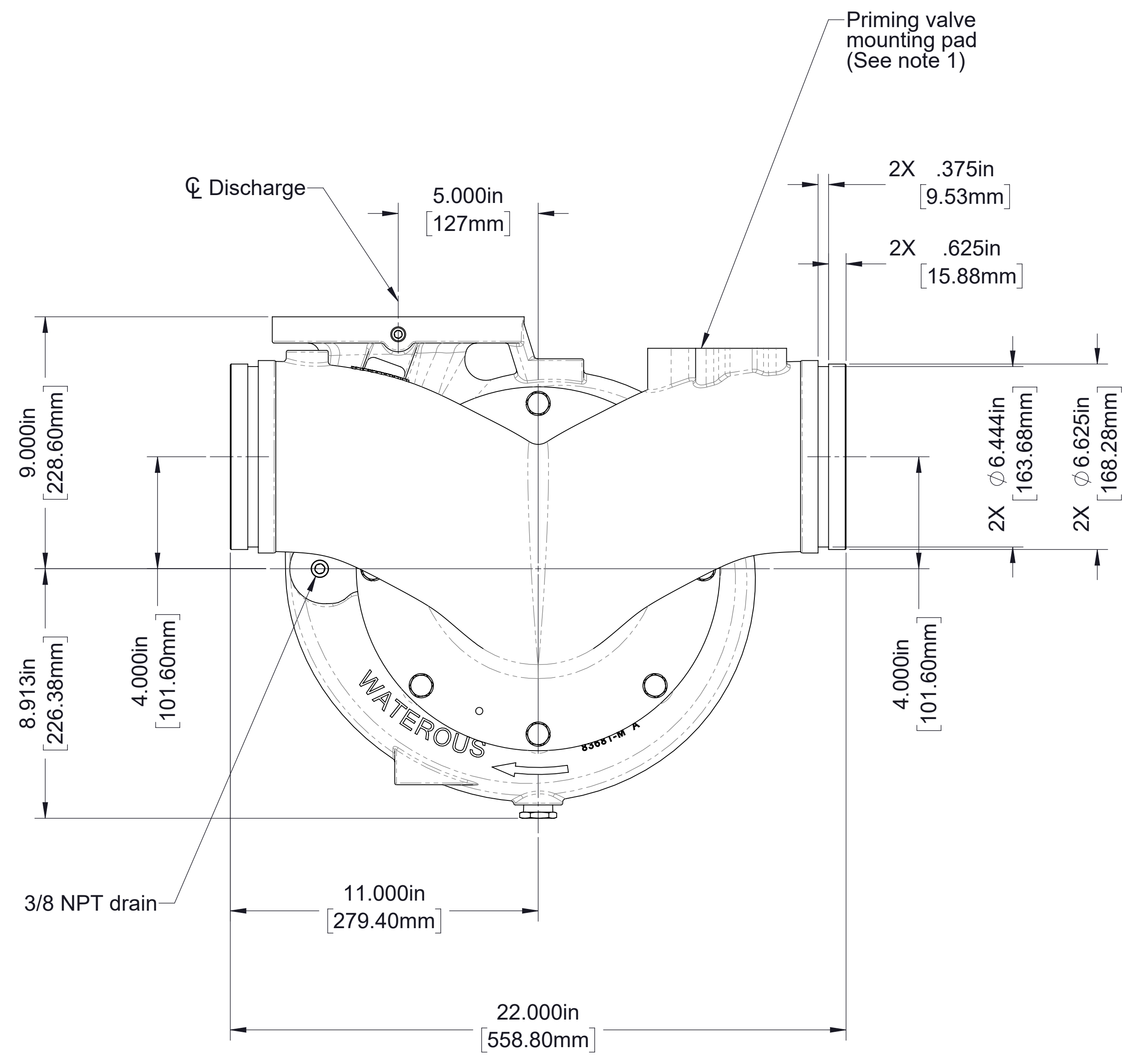
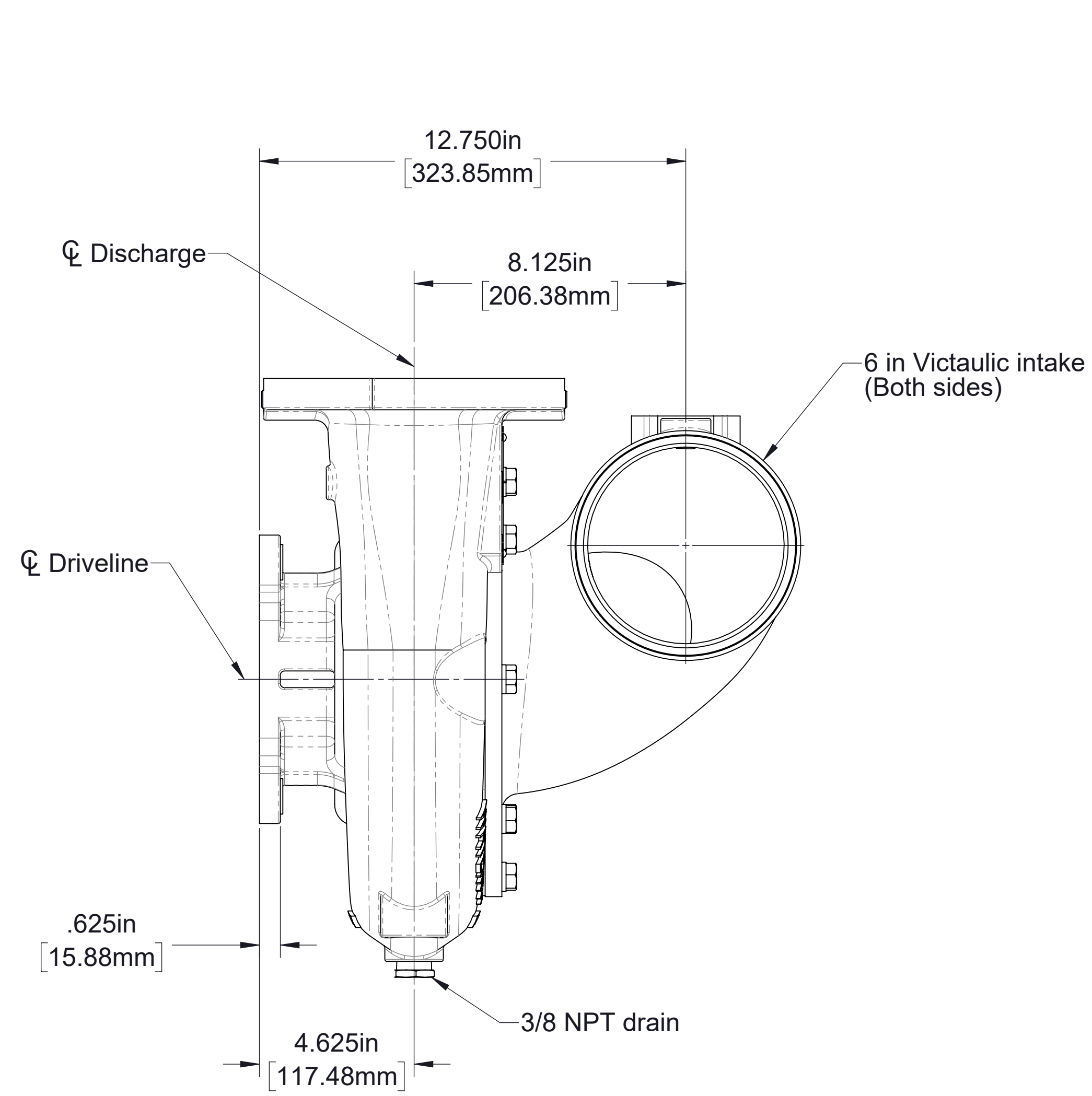


Single Grooved Intake (6 in.)
(Pump Model CXV)



Flanged Intake (DIN 150)
(Pump Model CXN)

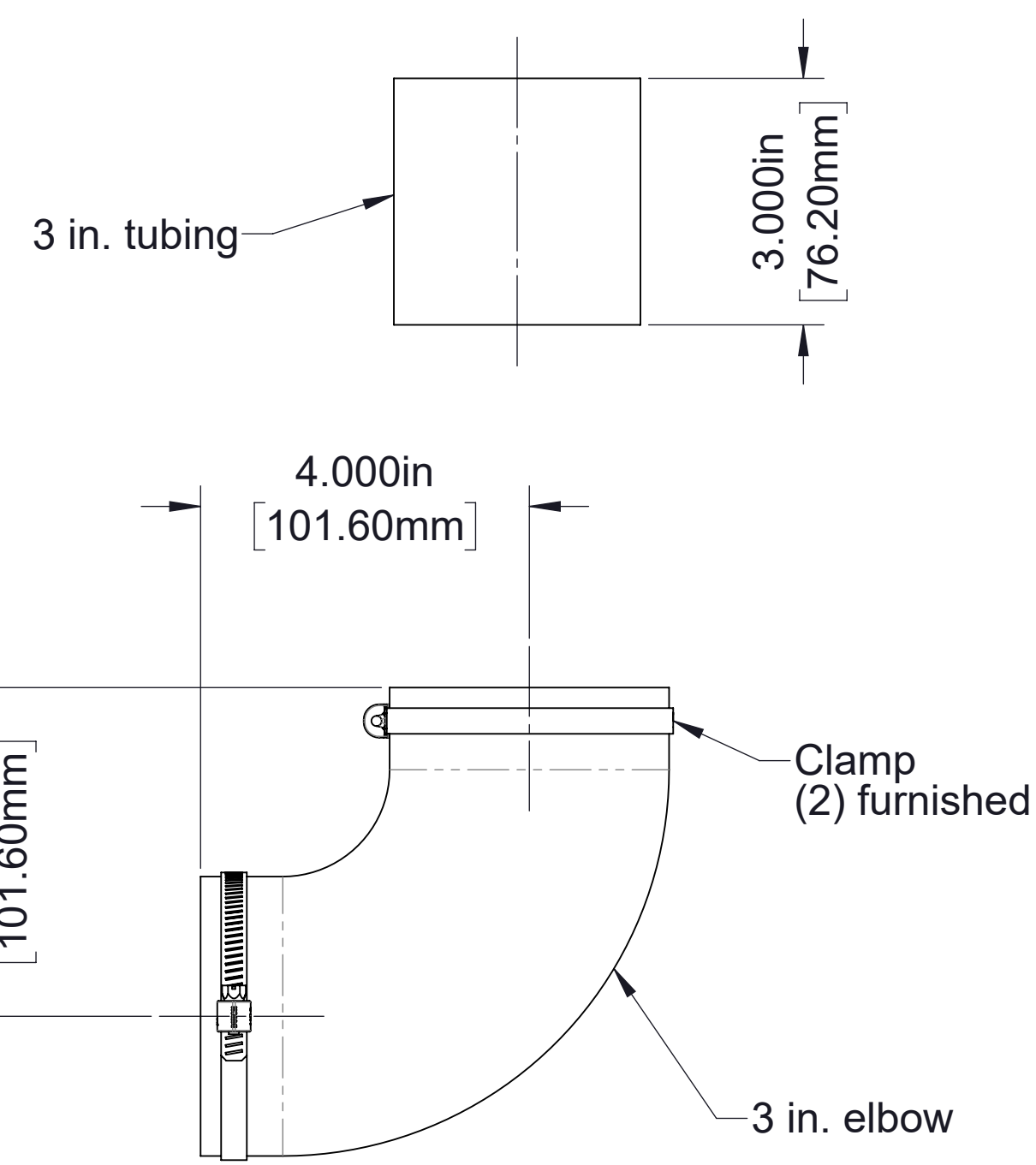
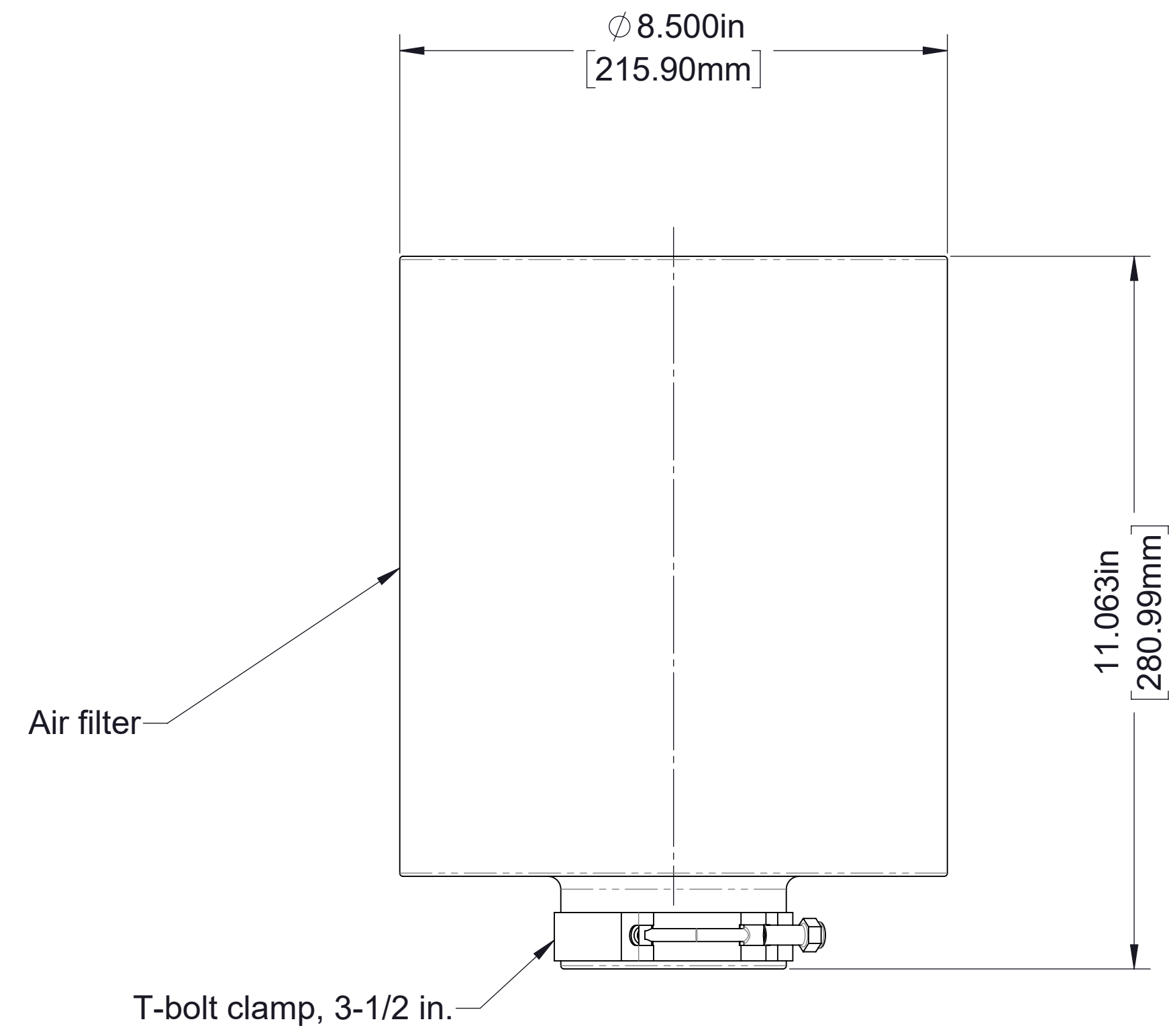
Available Pump Intake Connections



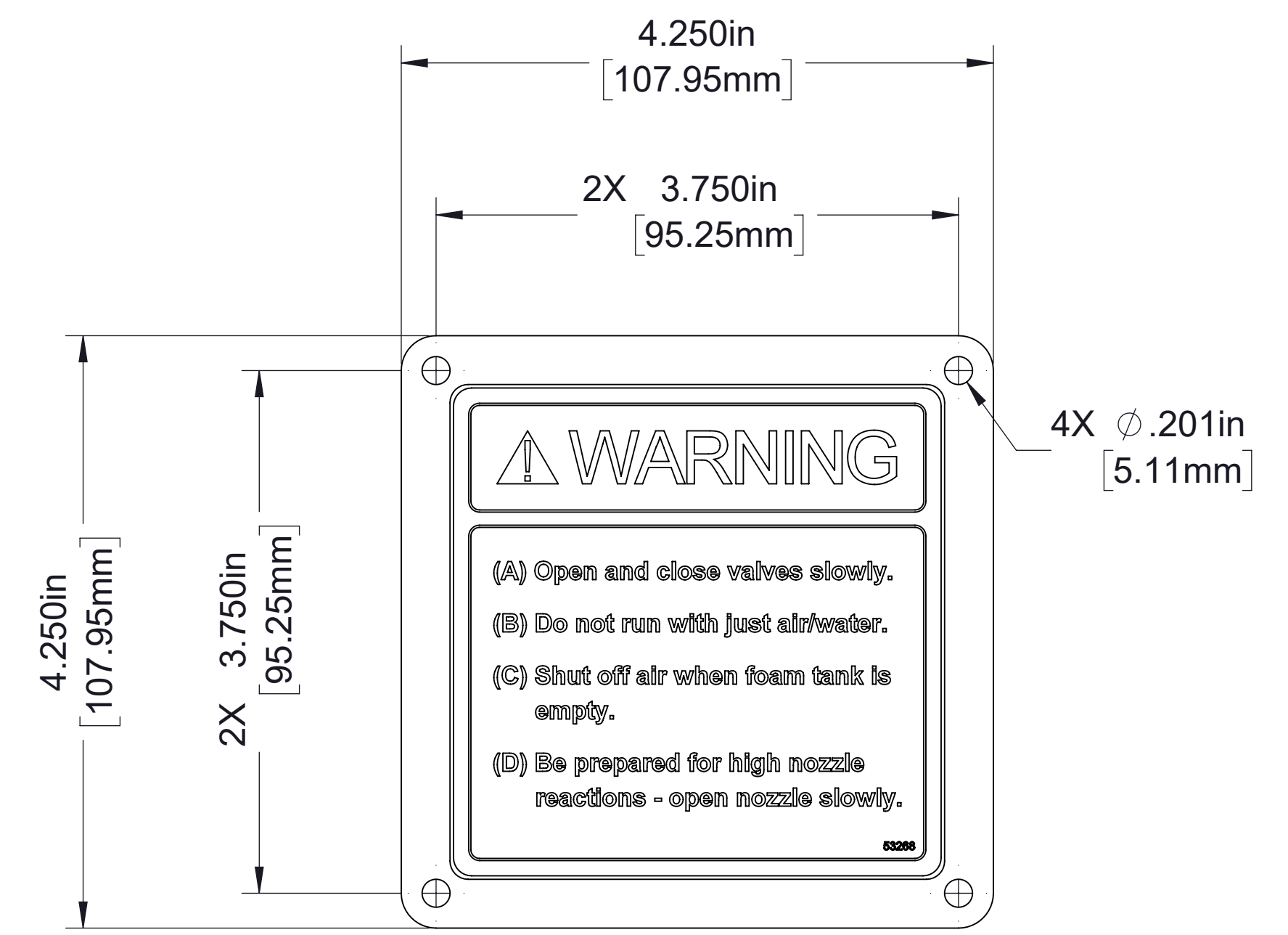
Dual Grooved Intake (6 in.)
(Pump Model CXS)

- Notes:
1. See drawing DPL82908 for priming valve details.
 2. Pump mounted relief valve not available.

Available Pump Intake Connections

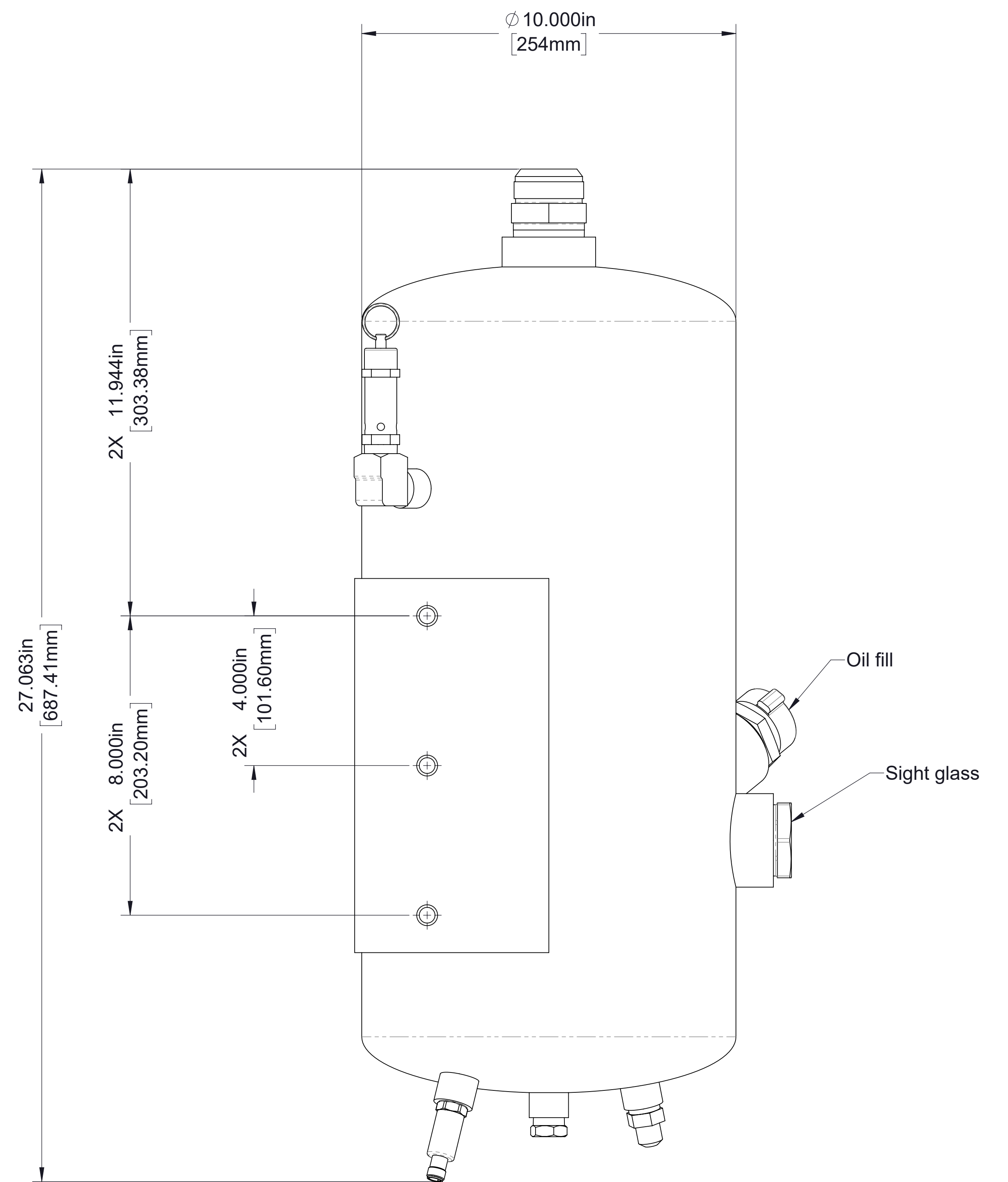
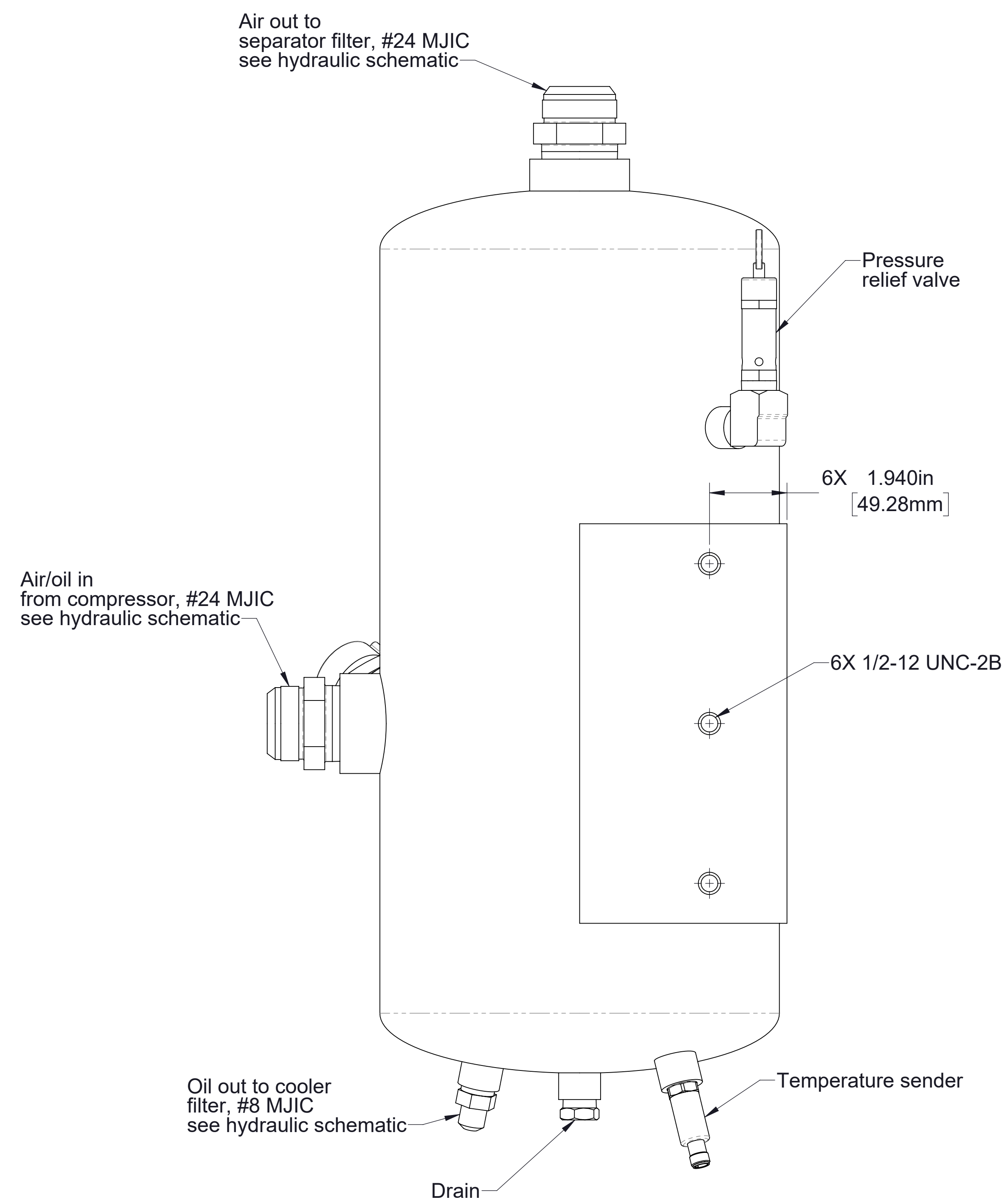
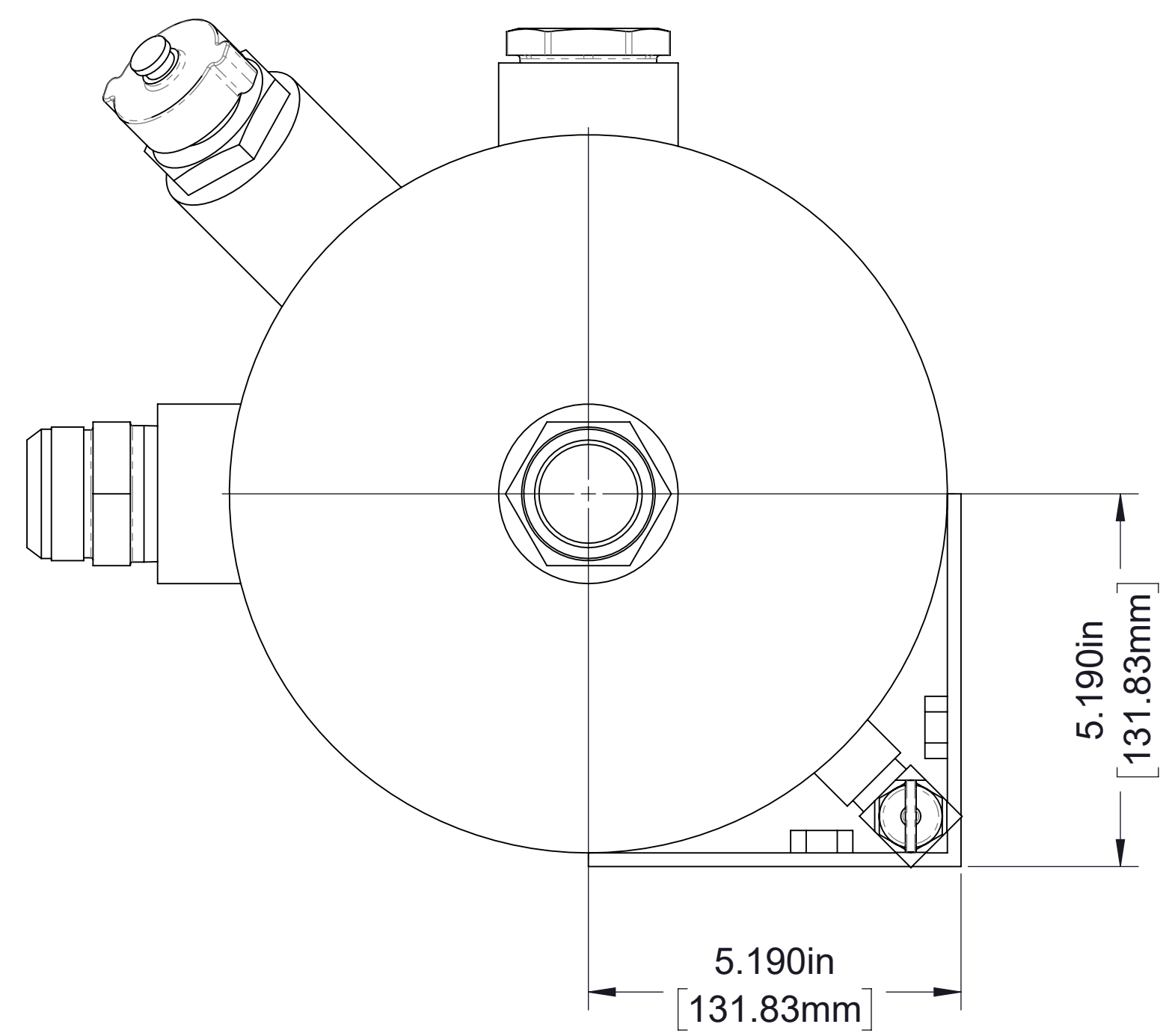


Auto Filter

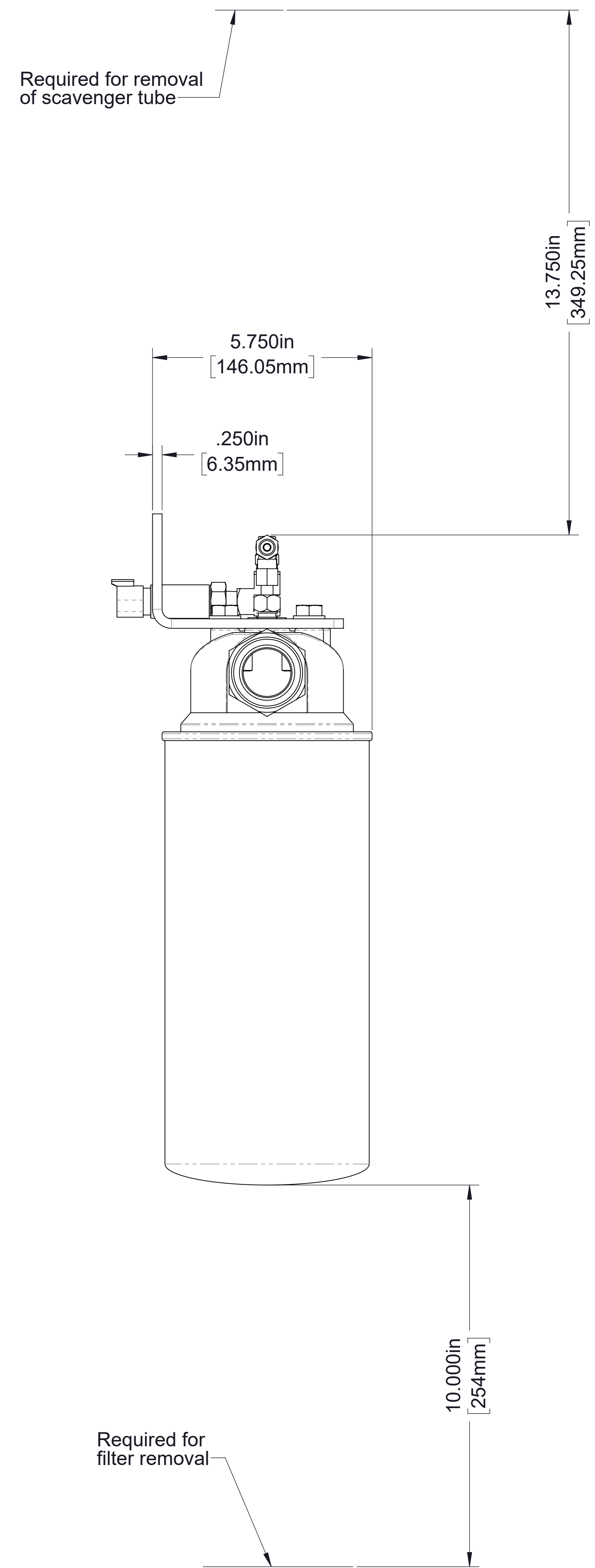
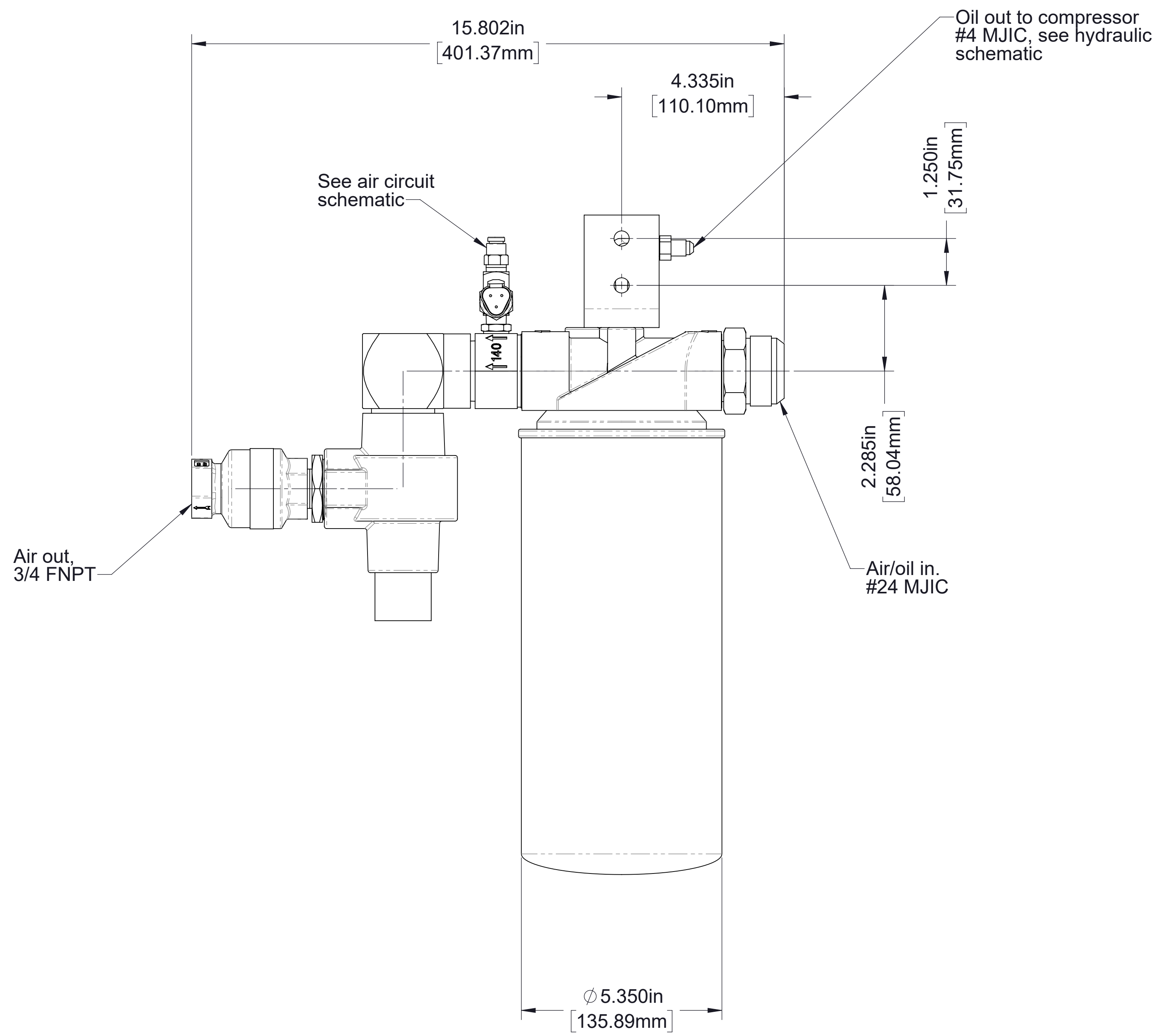


CAFS Warning

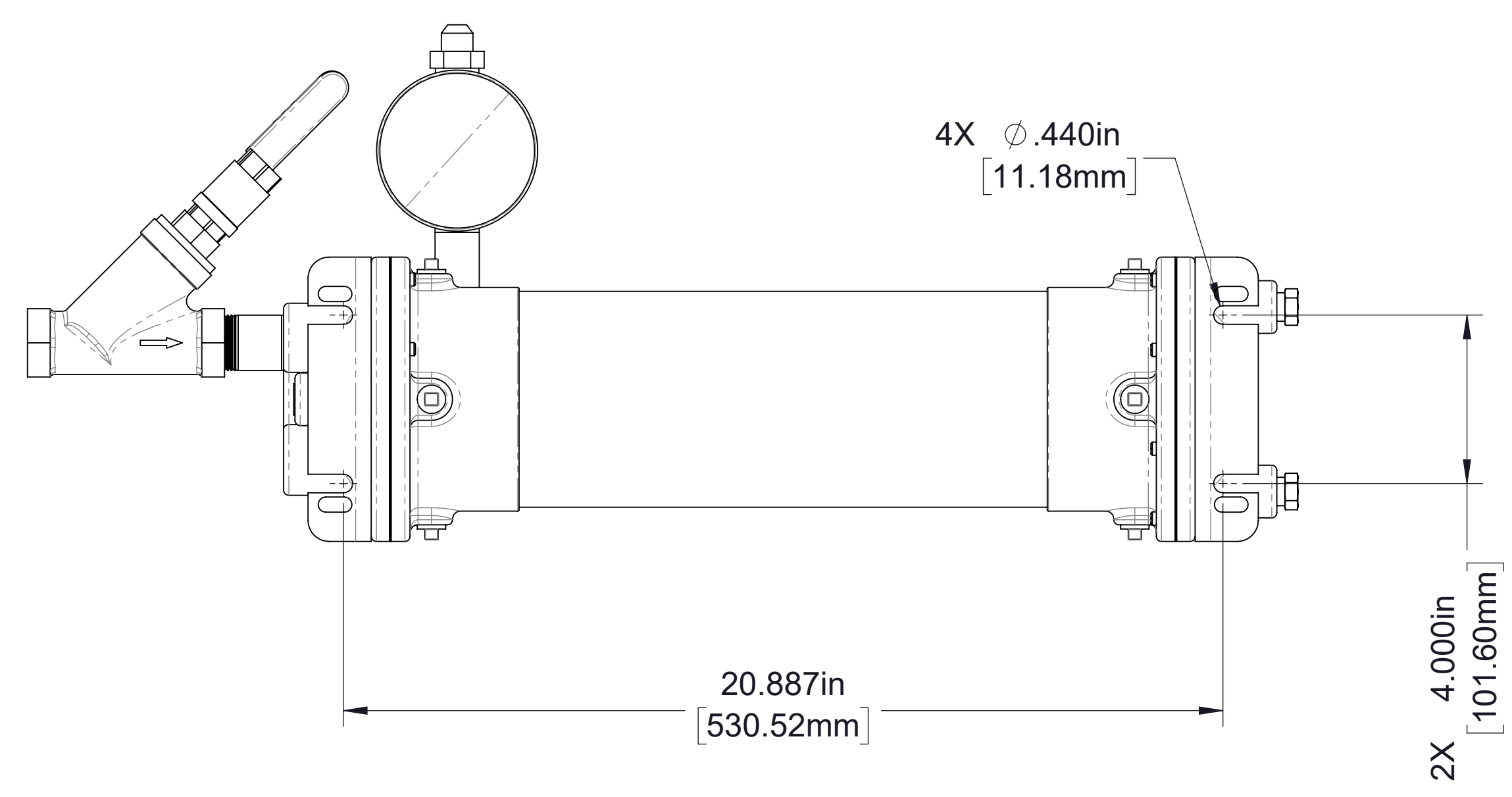
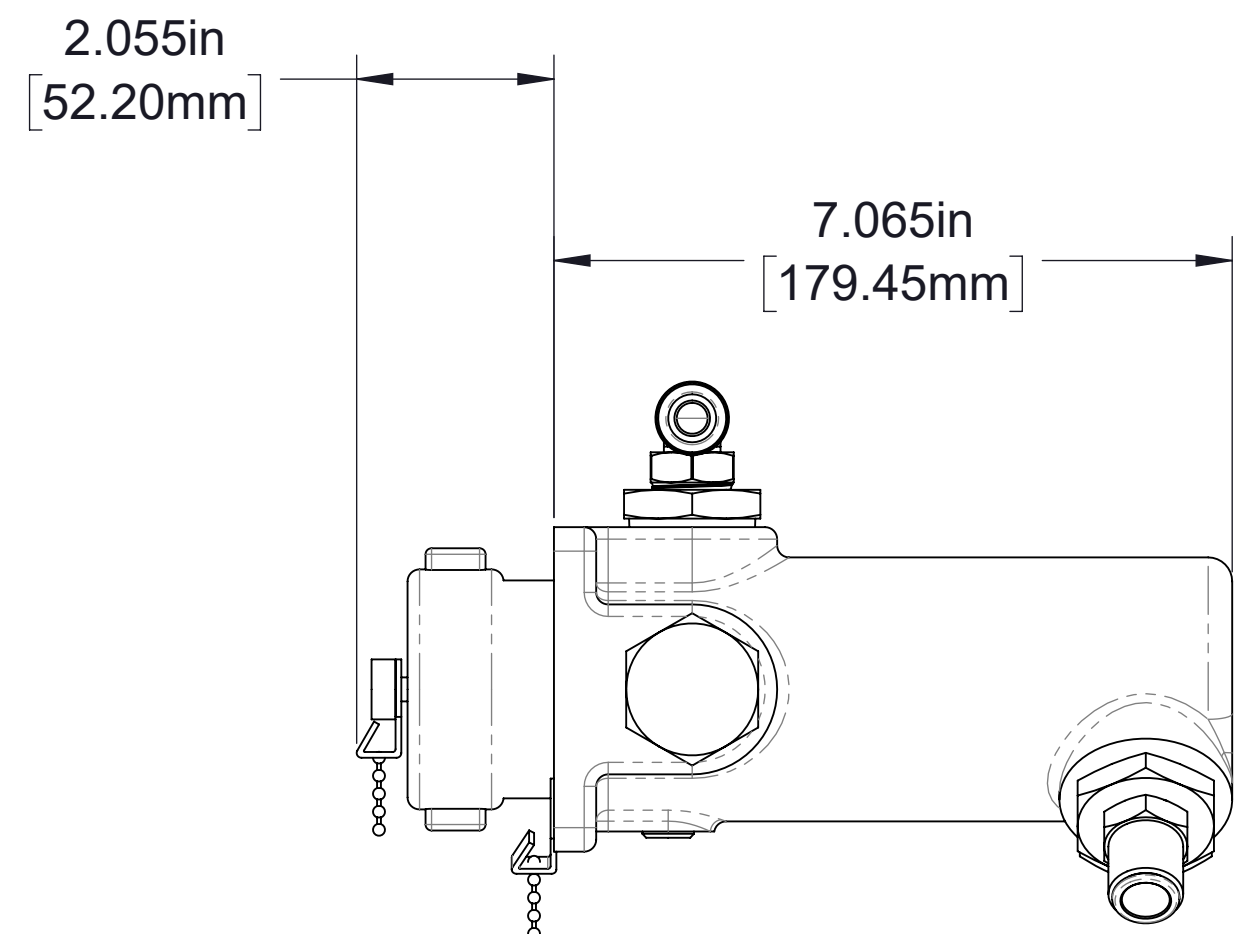
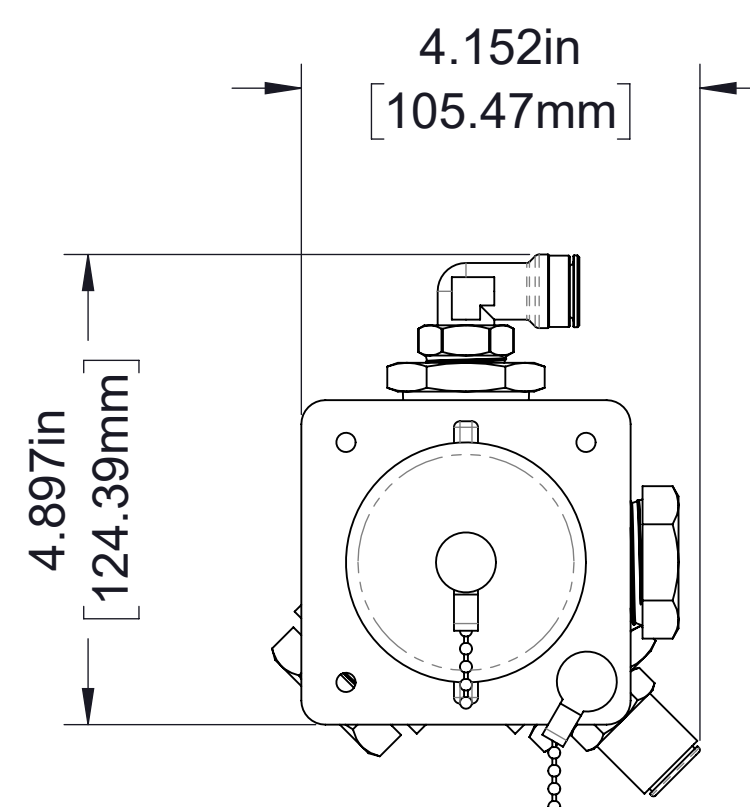
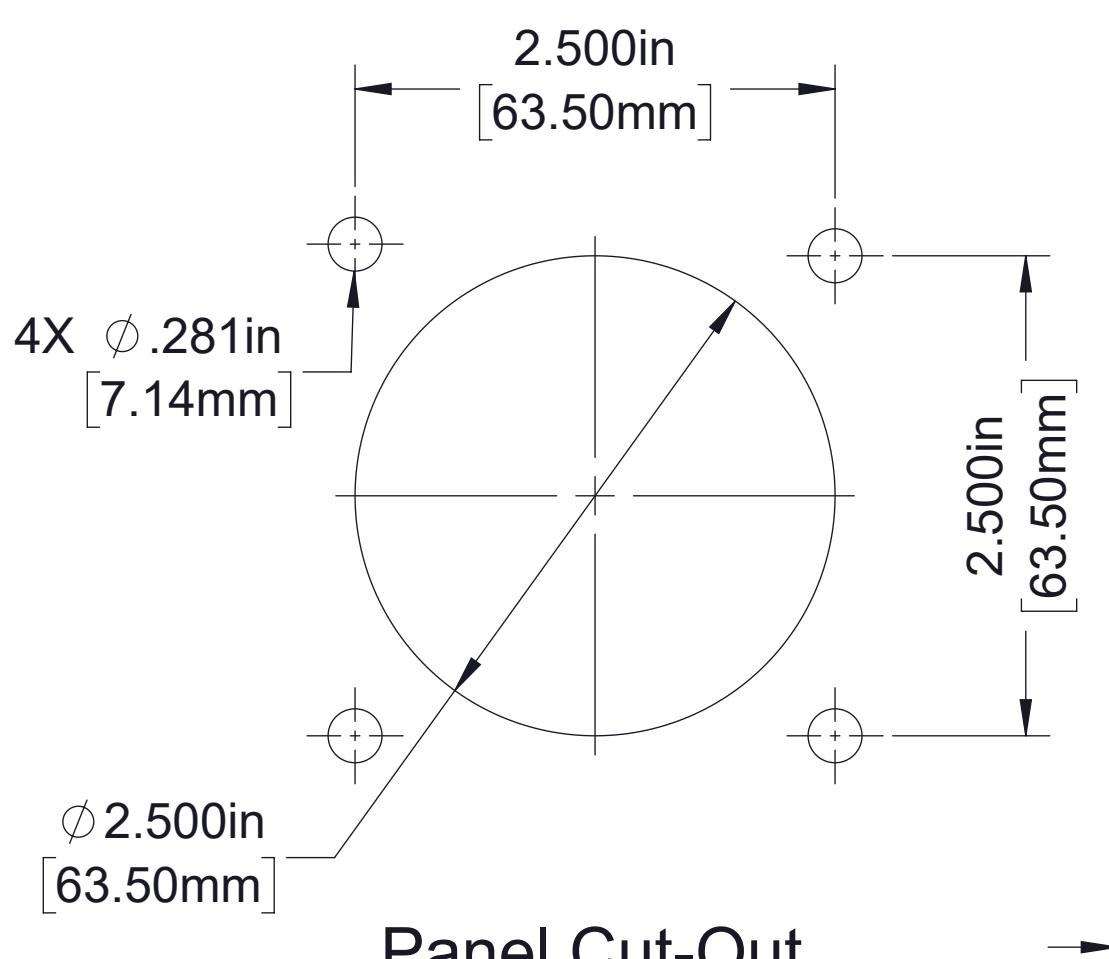
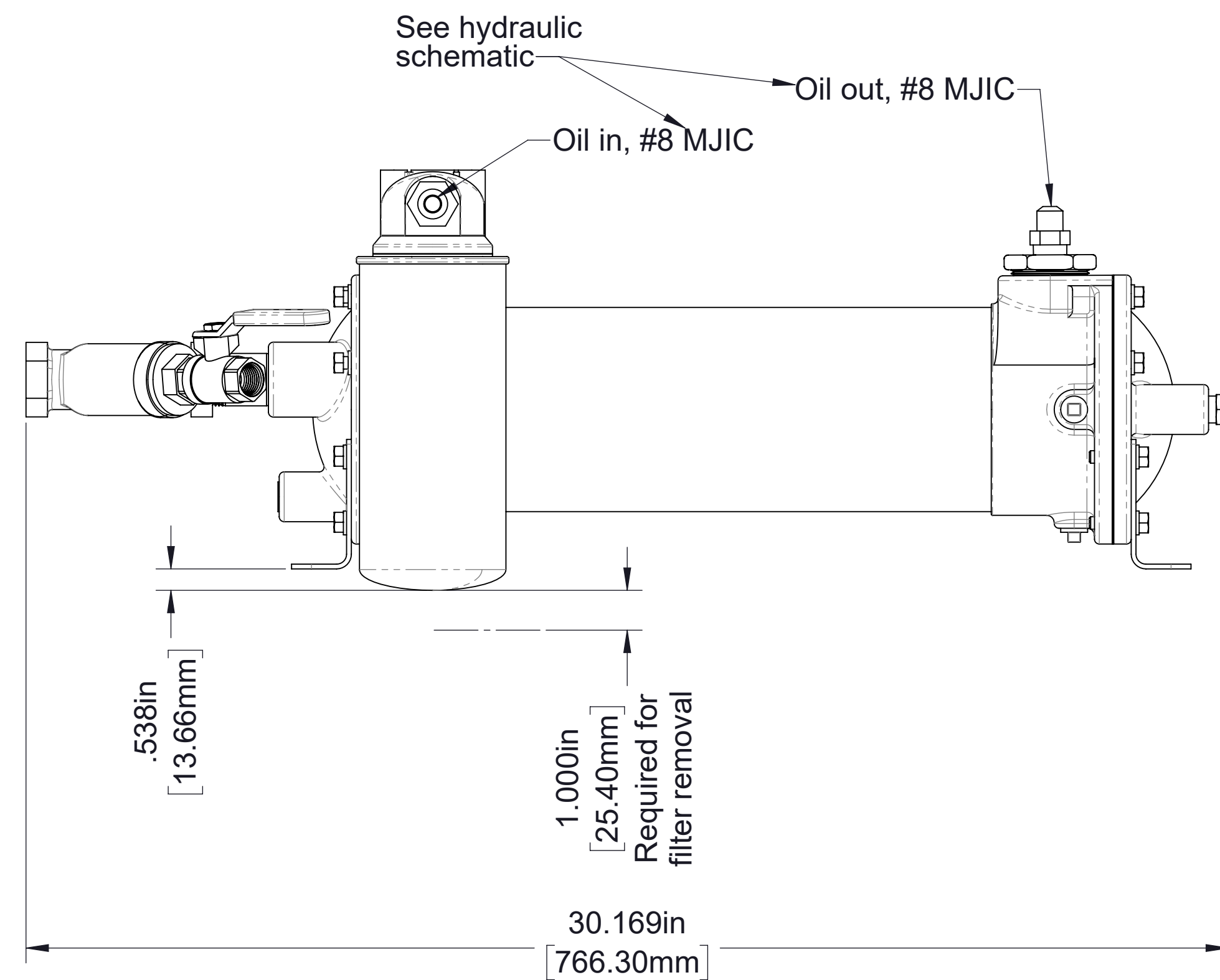
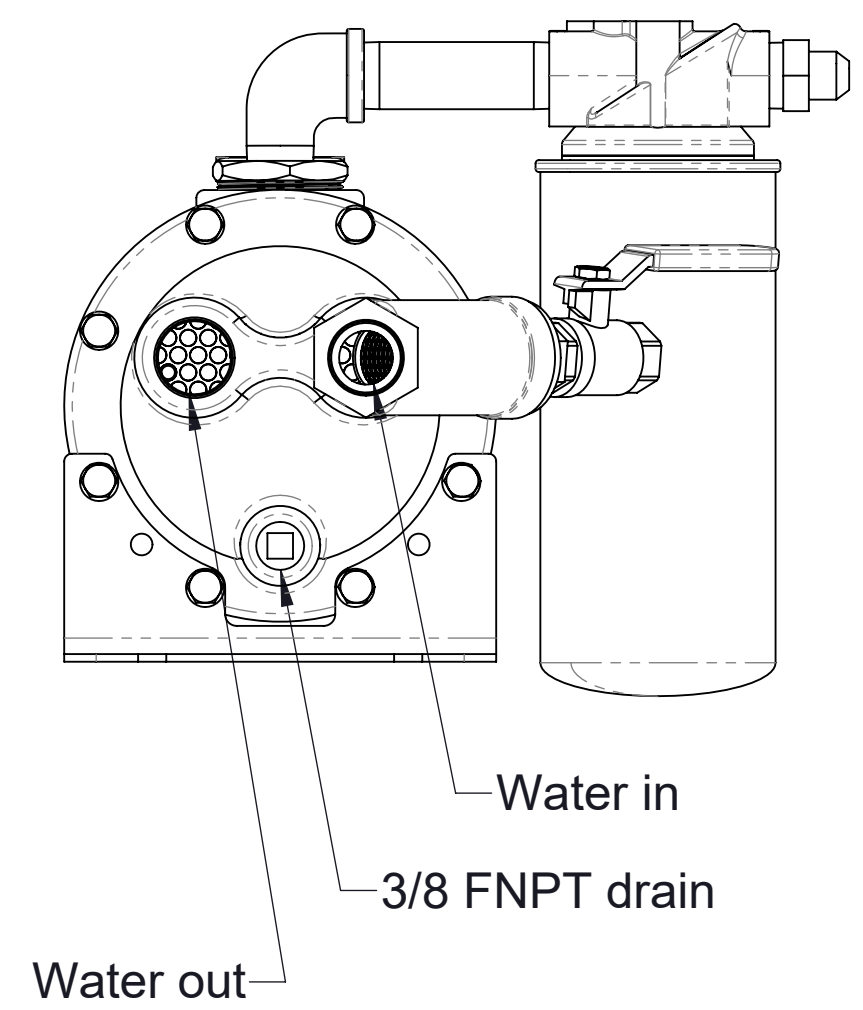
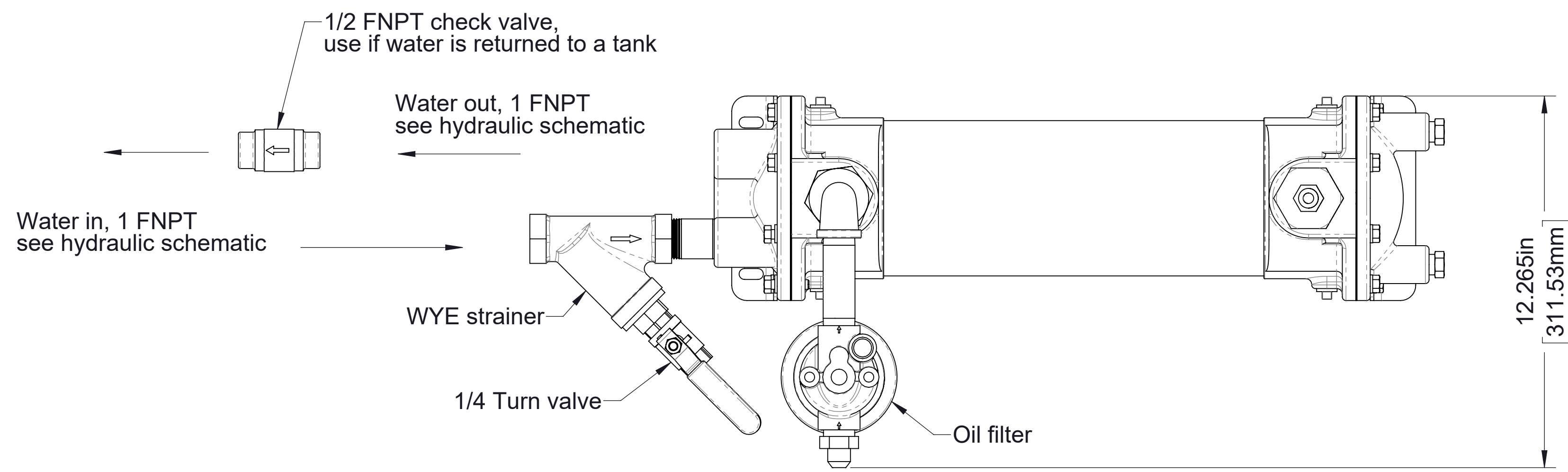
Panel Plates



Sump (Oil Reservoir)

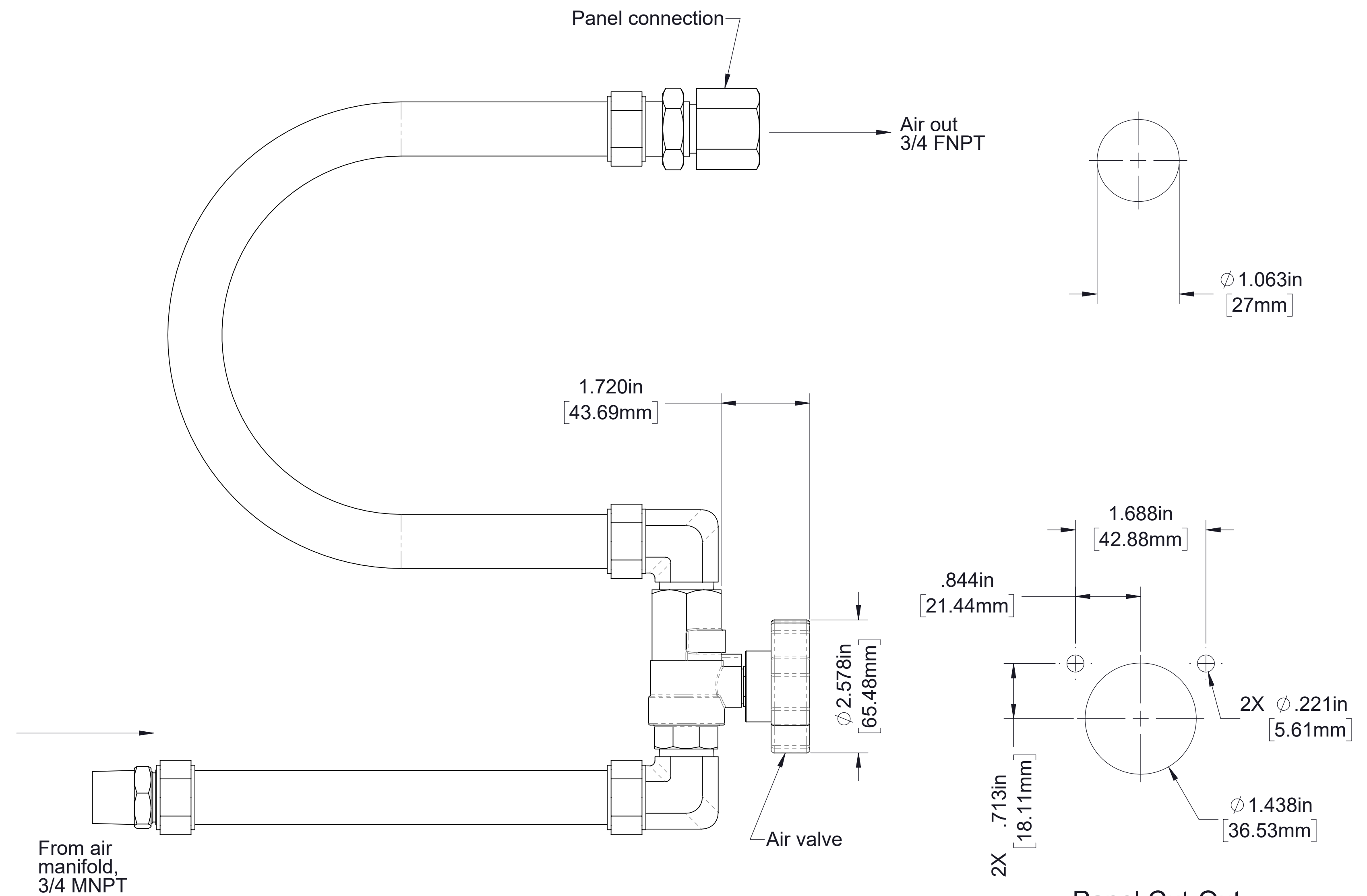
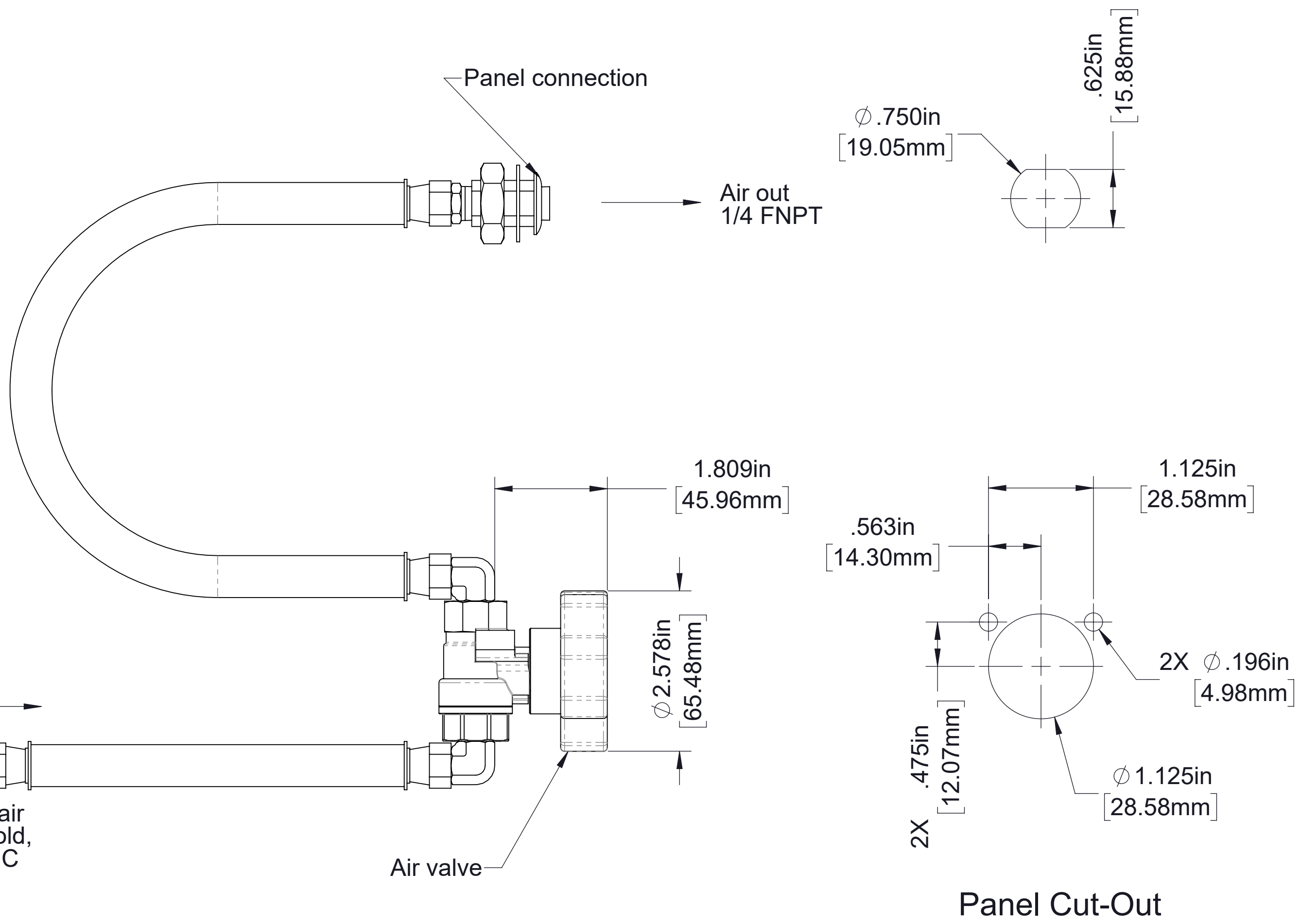
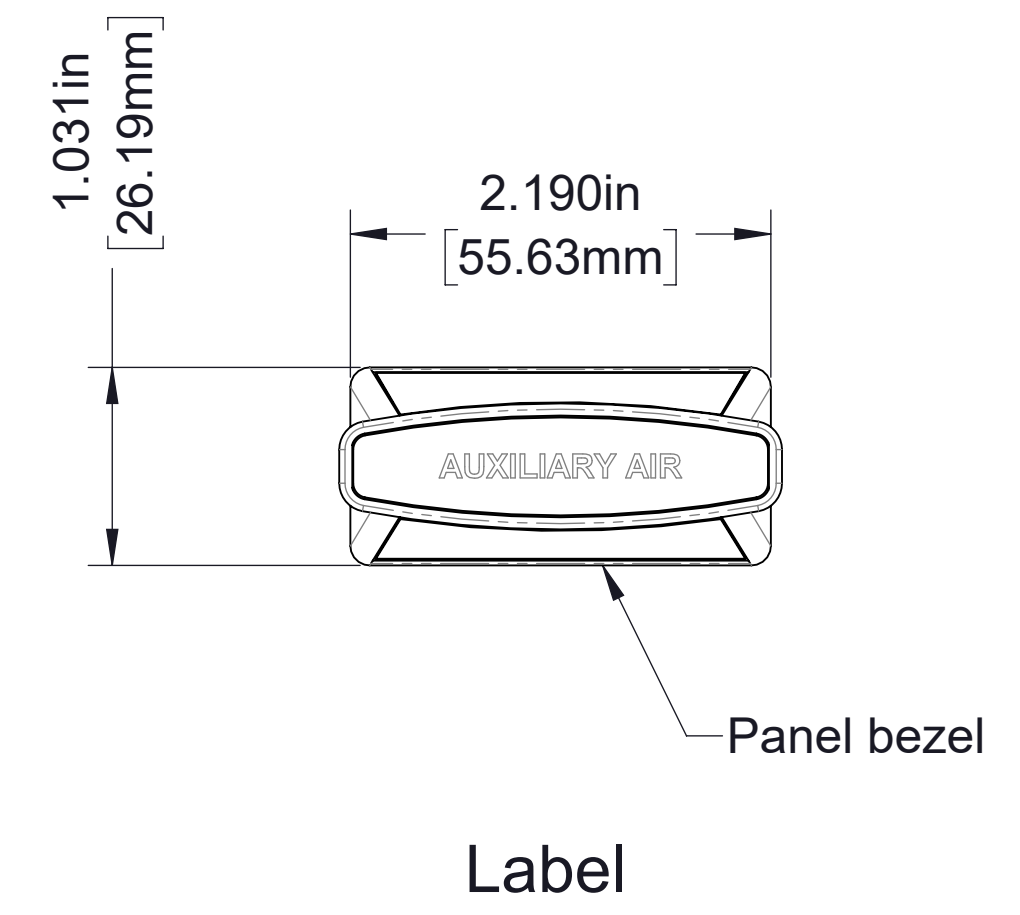
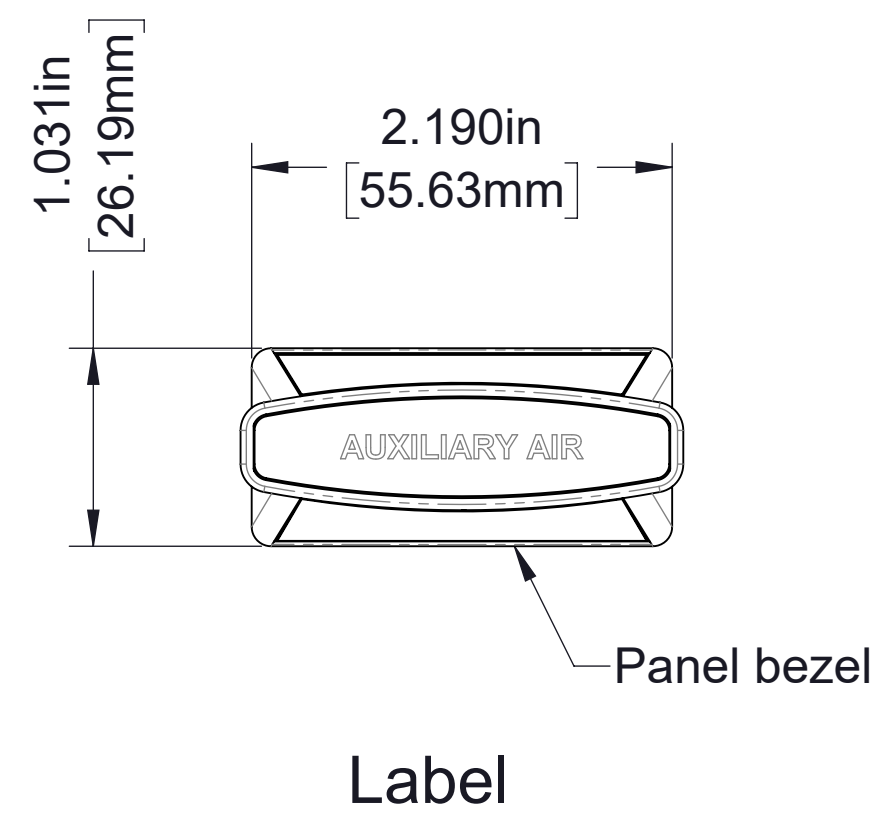


Separator Filter



Optional Panel Mounted Strainer

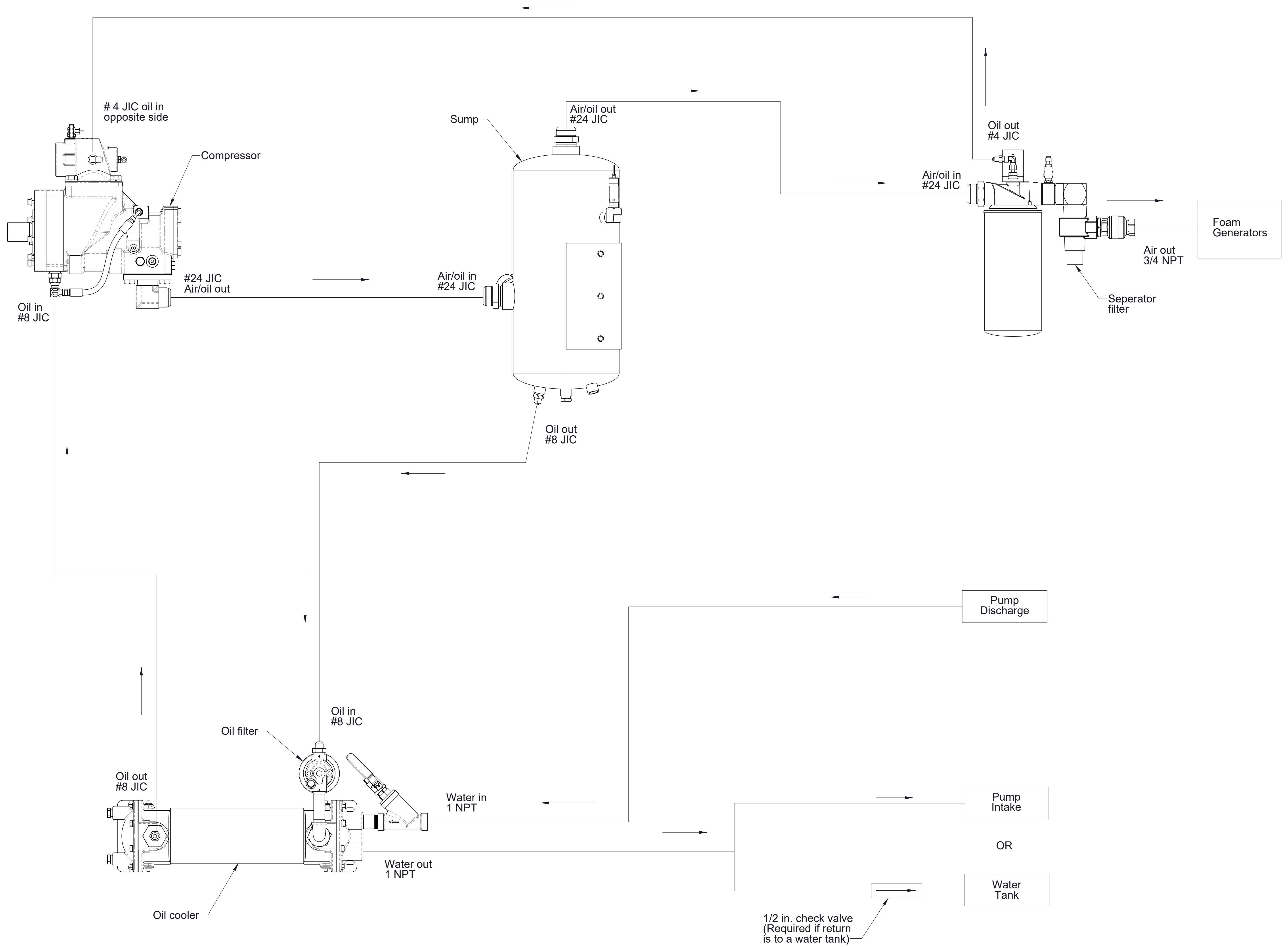
Oil Cooler



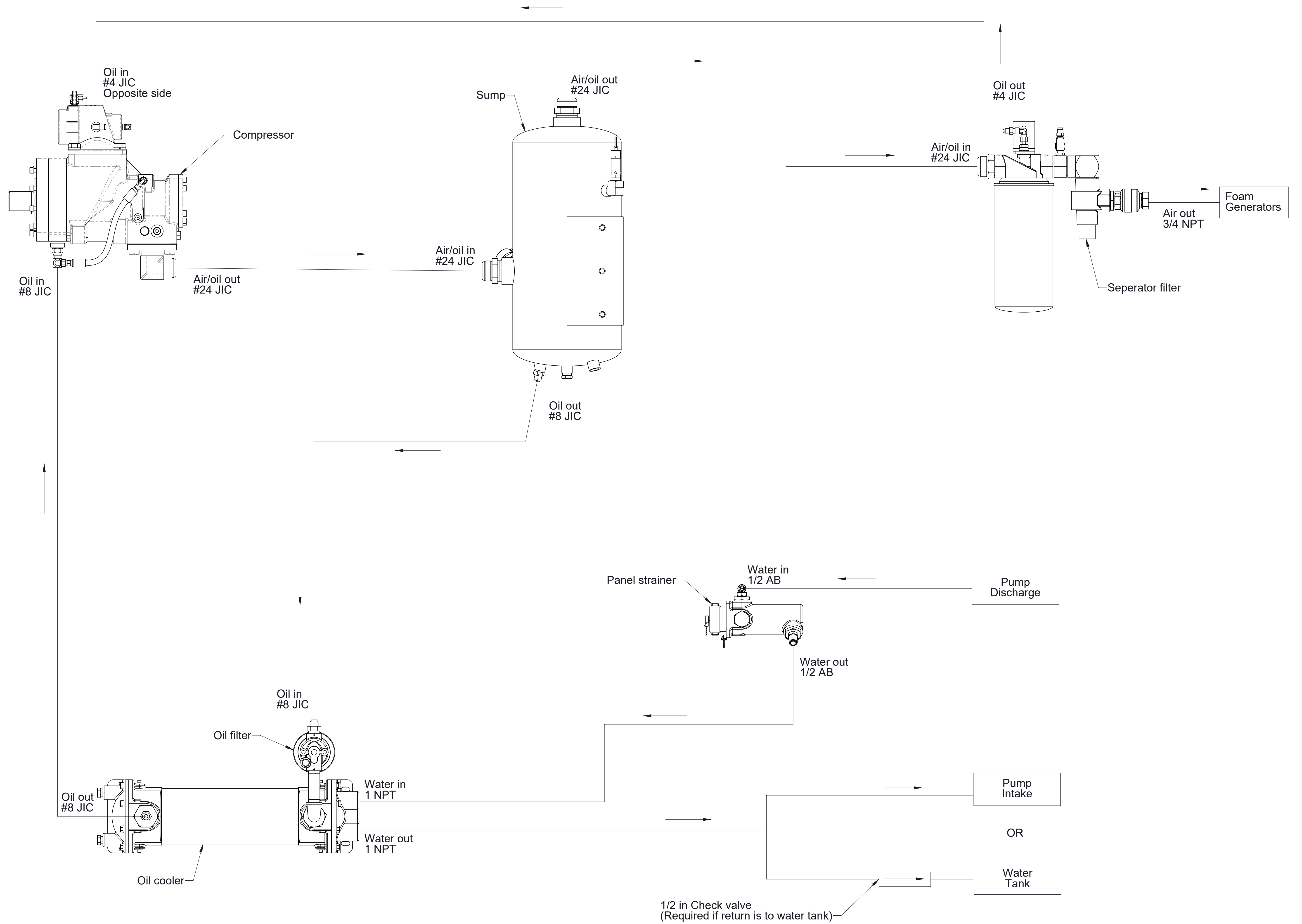
1/4 FNPT Connection
(Hoses and fittings furnished)
Order part no. 83360-3A

3/4 NPT Connection
(Hoses and fittings furnished)
Order part no. 83360-3B

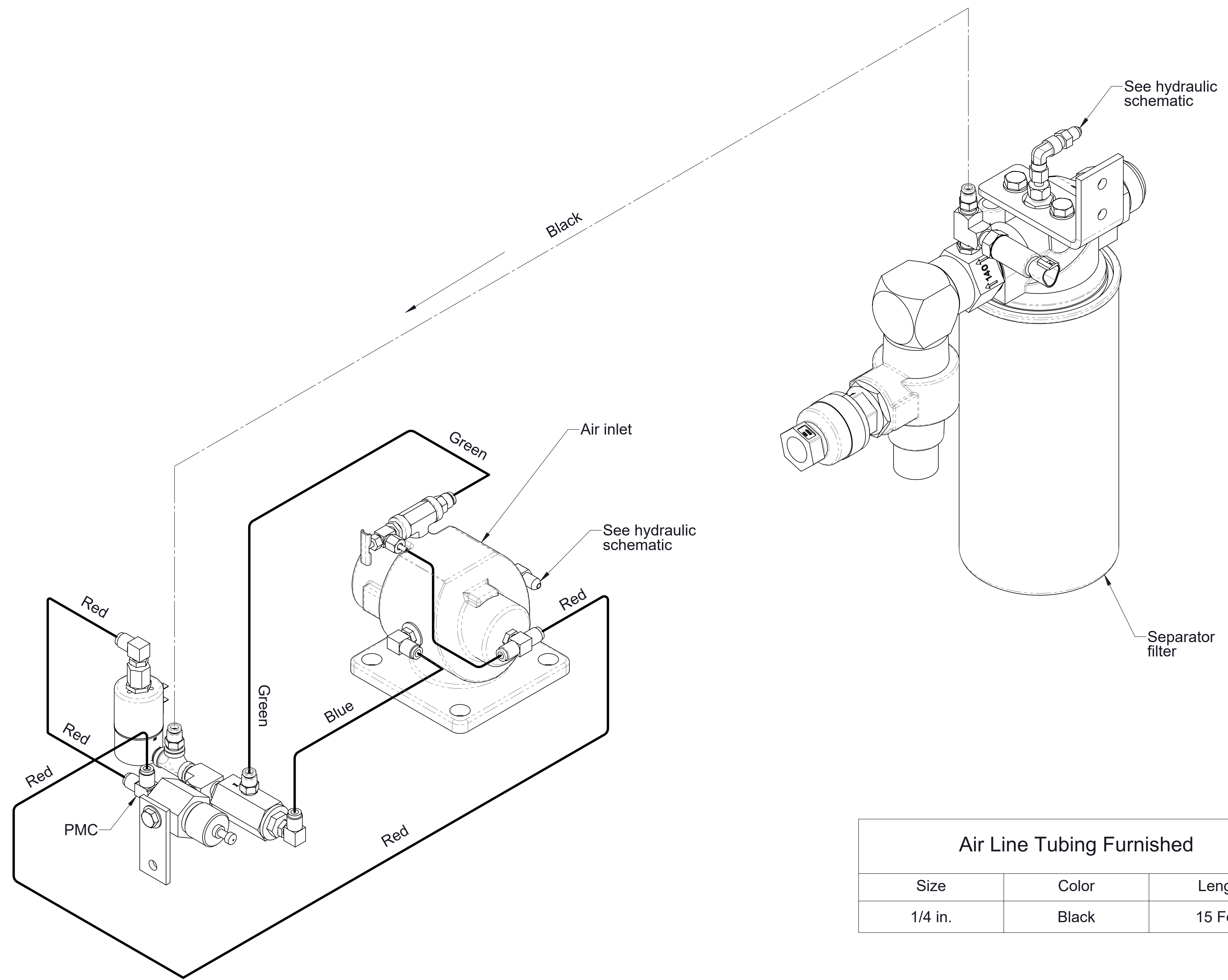
Optional Auxiliary Air Connection



Hydraulic Schematic
In-line strainer



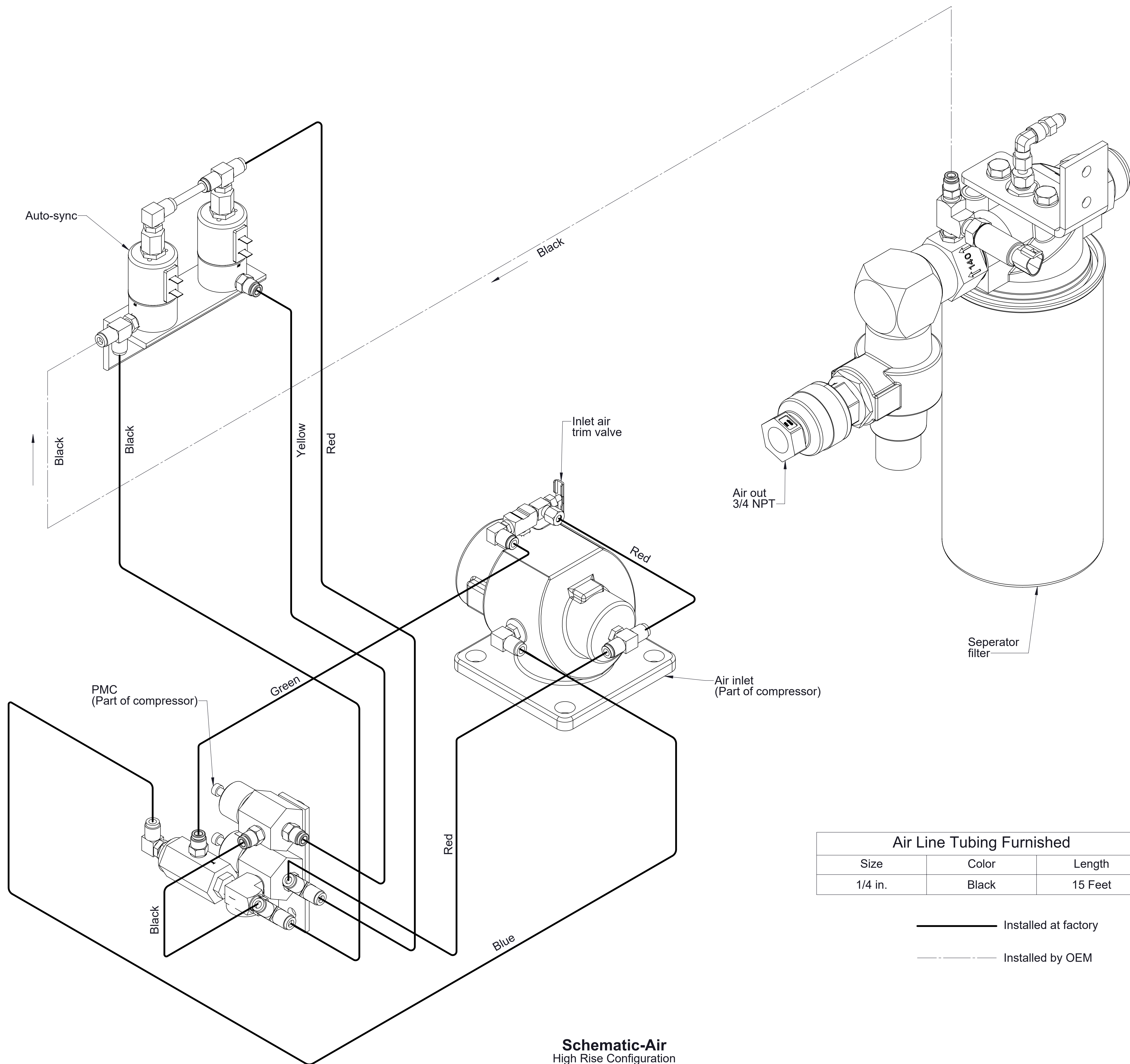
Hydraulic Schematic
Panel strainer



Air Line Tubing Furnished		
Size	Color	Length
1/4 in.	Black	15 Feet

————— Installed at factory
 - - - - - Installed at OEM

Schematic - Air Circuit
Non High Rise Configuration



Schematic-Air
High Rise Configuration