

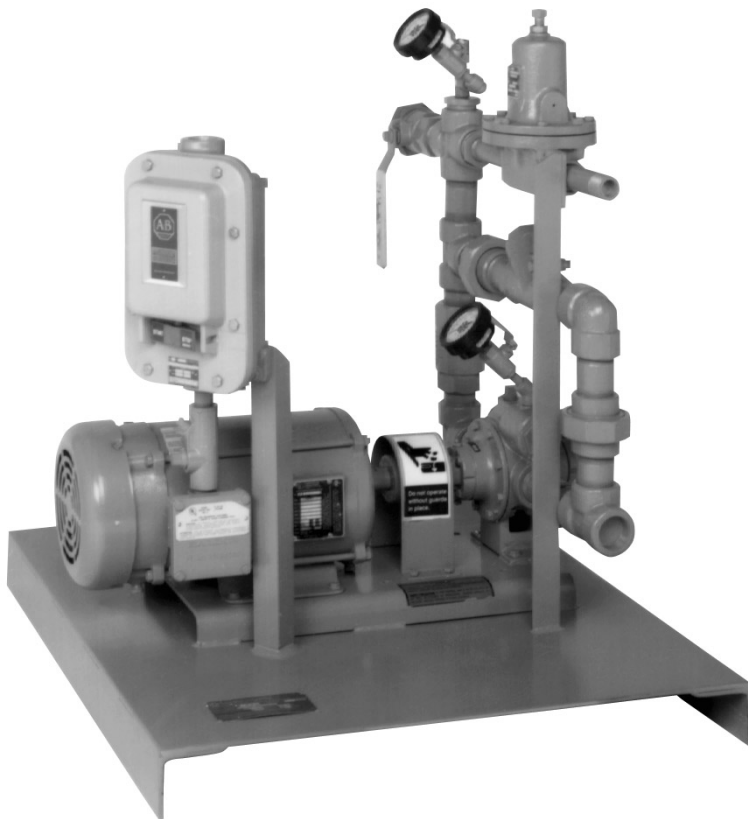


**Algas-SDI**<sup>TM</sup>  
*...Innovative liquid vaporizing and gas mixing solutions*

ISO 9001  
Certified

# **Stabilaire**

Liquid LPG Pump Packages; Models: BS1 through BS3 (5-110 GPM)



- *Fully packaged liquid pressure stabilization system specifically designed to match ASDI's complete line of vaporization and air/gas mixing equipment.*
- *Complete with bypass line, pressure relief valve, shut-off valves, check valve, and pressure gauges.*
- *An inlet strainer is provided for field installation.*
- *Pump motors through 10HP are fitted with manual starters; 15HP and above have magnetic starters. **STABILAIRE**<sup>®</sup> pump systems are factory piped, wired, and tested.*
- *System designed to meet Class I, Division 1, Group D requirements.*

# Specifications

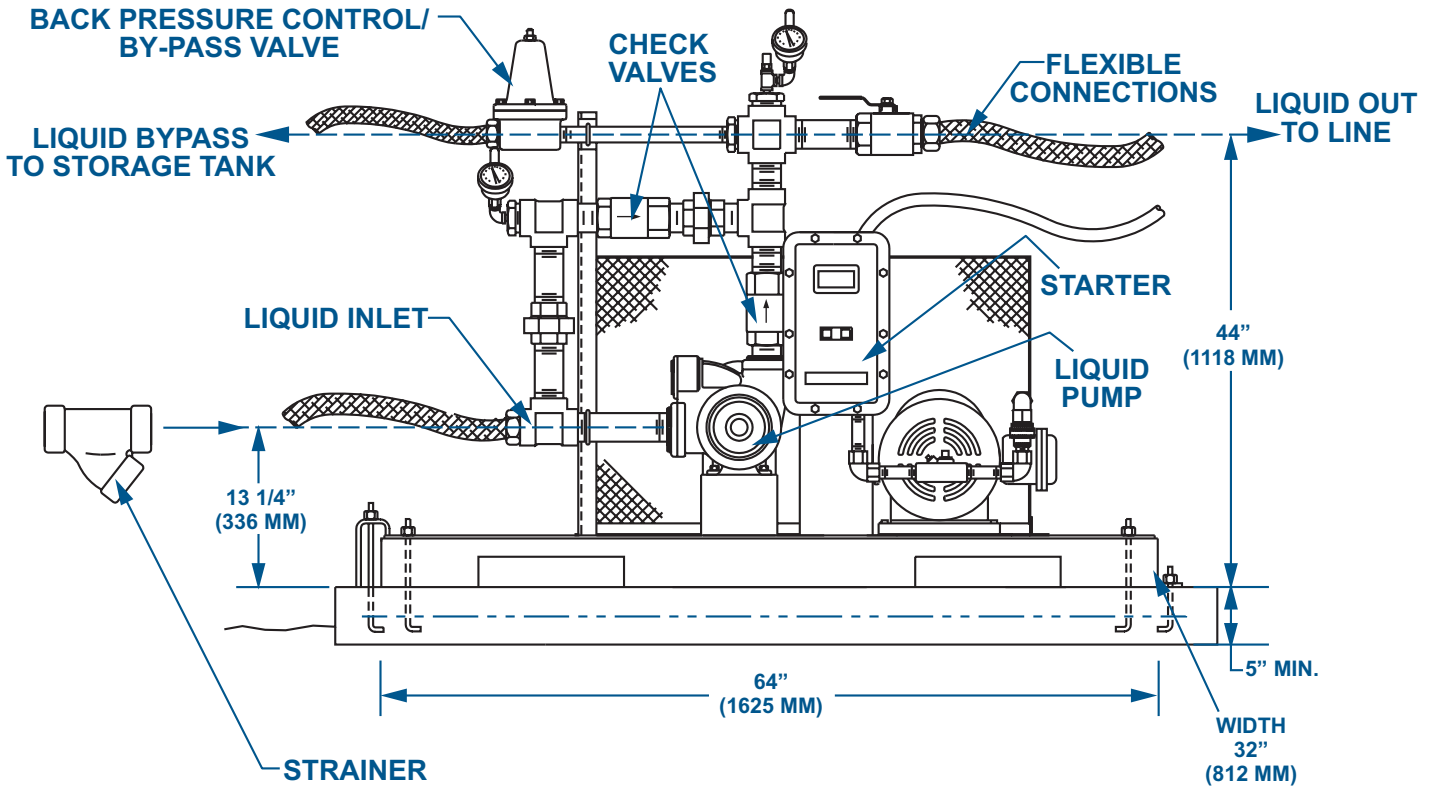
Pump Selection Chart																	
Pump Model	Millions of BTU's Per Hour															System Pressure	
	7	14	21	28	42	56	70	84	100	125	150	175	200	225	250		
BS1 - 1HP	■	■															5 & 8 PSI Venturi System 100 PSID
BS1¼ - 2HP			■	■	■	■											
BS1¼ - 3HP						■											
BS1½ - 3HP							■	■	■								
BS2 - 5HP									■	■	■						
BS2 - 7 ½HP										■	■	■	■				
BS3 - 10HP														■	■		
BS1 - 1HP		■															10 PSI Venturi System 125 PSID
BS1¼ - 3HP			■	■	■												
BS1¼ - 5HP					■												
BS1½ - 5HP						■	■	■									
BS2 - 5HP								■									
BS1 - 1HP	■																
BS1¼ - 3HP		■	■	■	■												12 PSI Venturi System 150 PSID
BS1¼ - 5HP					■												
BS1½ - 5HP						■	■	■									
BS2 - 7 ½HP								■									
BS2 - 10HP									■	■	■						
BS3 - 15HP											■	■	■	■			
BS3 - 20HP															■		

This chart is based on the manufacturer's recommendation of sizing the pump for 2 to 2½ times the actual flow required except for the SC series which do not share this requirement.

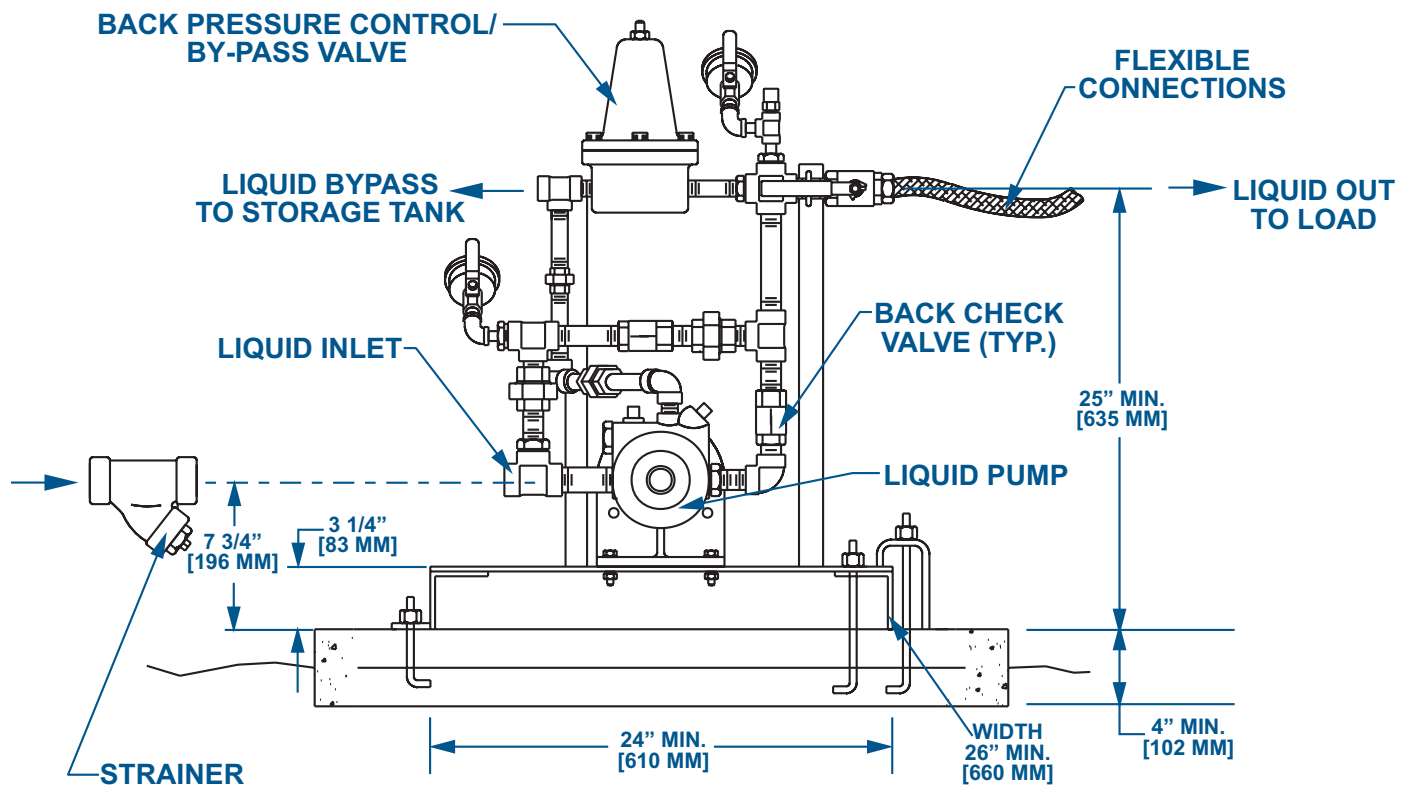
## Features/Options

- ◆ These positive displacement systems use rotary vane pumps with a built-in over pressure relief valve, designed for continuous use with high reliability.
- ◆ A back pressure control valve provides stable delivery pressure by returning excess pump capacity to the storage tank.
- ◆ Each system is supplied with an explosion proof motor and start/stop station installed to meet Class I, Division 1, Group D requirements.
- ◆ Magnetic starters available for the smaller pumps.
- ◆ The economy operation includes a magnetic starter and pressure switch to minimize the amount of time the pump is in operation reducing wear and tear and saving electricity.

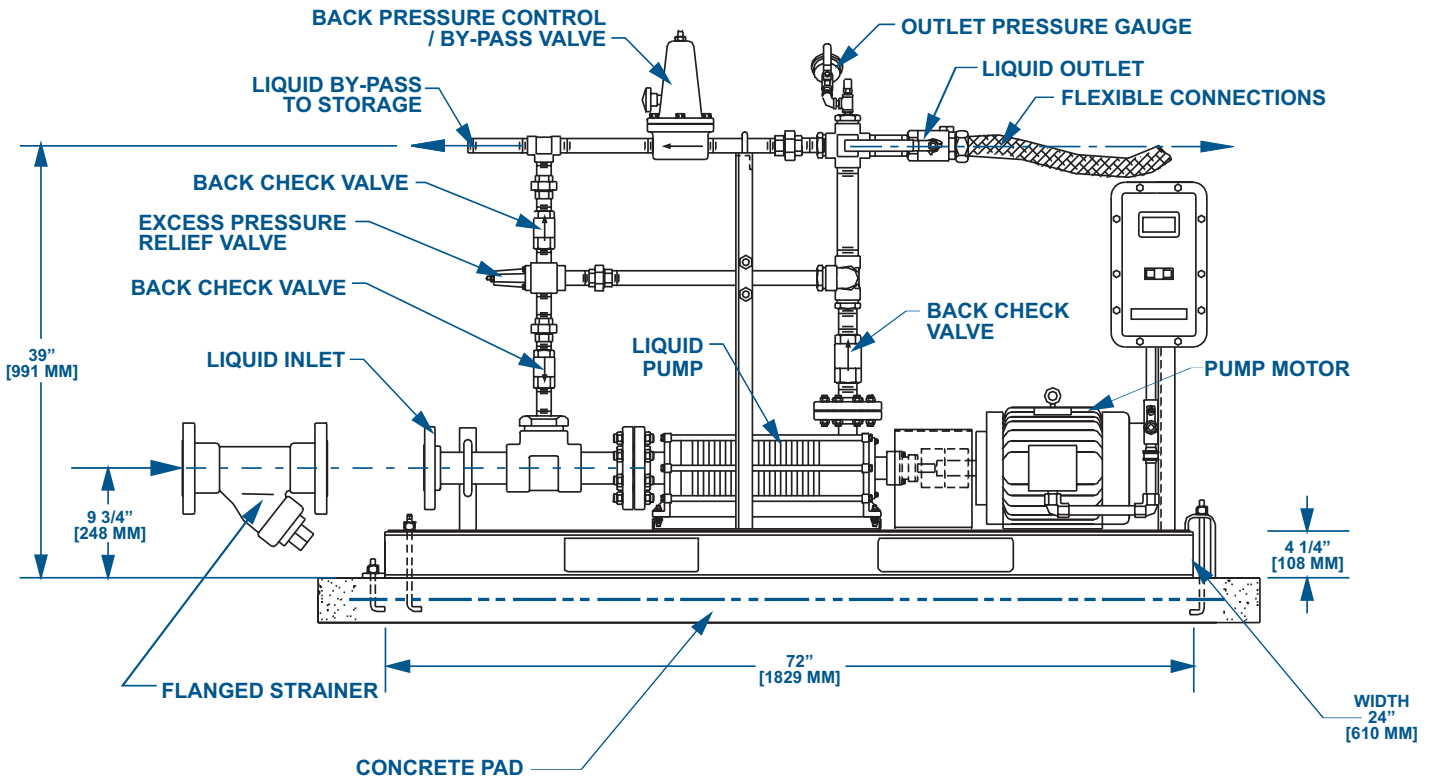
## Belt Driven Pump



## Direct Drive Pump



# Side Channel Pump



**STABILAIRE®** is a registered U.S. trademark of **Algas-SDI**.



## Your ASDI distributor:

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