

The JCS Industries Model 4120 Liquid Vacuum Switchover is a robust device that has been designed to aid in applications where impurities or fouling materials might cause a feed-water or primary vacuum source injector to clog or become inefficient. In such a case, the model 4120 automatically allows for a second, backup injector to take over the chemical feed process. The Model 4120 will, as soon as reduced flow is detected, instantly shut down the primary vacuum source or injector and switch flow to the secondary injector or vacuum source, thus allowing uninterrupted operations.

The digital display of the Model 4120 provides the necessary alarms to switch from one vacuum source to another and alert operations personnel that a catastrophic failure has occurred. This switchover module can also be set up to operate in conjunction with external vacuum generating devices such as the JCS Model 4140 Chemical Induction System.



-Adjustable cycle settings

-System flexibility: Same four Control Modes of the Model 4100 Controller

Power Supply	●	110/220VAC, 50/60 Hz
Power Consumption	●	16 watts
Operating Temperature	●	32°to 120°F
Enclosure Protection	●	IP 66,67
Display	●	Back-lit LCD 16 characters X 2 lines
Inputs	Remote Start/Stop ●	Volt Free
Outputs	System Switch Adjustable System Failure ●	Volt Free
Dimensions	●	9.5"W x 6.0"D x 7.75"H
Weight	●	4.5 Lbs.

Characteristics

When used in conjunction with the JCS Model 4100 Automatic Vacuum Liquid Feeder, the JCS Model 4120 will automatically switch both vacuum and chemical sources to ensure trouble free and reliable operations.

In the event of a total system failure, the JCS Model 4120 is equipped with an adjustable relay contact that, when tied into an external alarm, will alert operations personnel.

In lieu of the standard solution injectors the JCS Model 4120 can be used with chemical induction mixers to achieve the same result.