



Remote Shut-Off Systems

Use these NH₃ Remote Shut-Off Systems to improve overall safety of your NH₃ storage plant. The components shown below allow you to set up a system for both manual and remote shut-off of all your N550/N551 emergency shut-off valves in (3) important ways: **1)** From a remote office or shop. **2)** From a handheld remotes carried by your plant operators **3)** From various push button stations near your storage tank (*E-Stops*). **Note: Only for NH₃ Use; Do Not Use with LPG storage systems or other systems storing flammable liquids.**

RSD-E Remote Controlled Shut-Off Panel

The **RSD-E Remote Controlled Shut-Off Panel** is the main component of your complete NH₃ shut-off system. It includes a built in receiver and one handheld transmitter. It is normally installed near the storage tank and includes a NEMA 4 outdoor rated enclosure. Can be located up to 300 ft. from the handheld transmitters (*through normal building walls*) and up to 400 ft. in "line of sight" with no walls.



Includes a 115V power cord with plug. It also includes a 12 volt wire harness to supply the P810 shut off devices on each N550/N551 emergency shut off valve. This 12 volt harness can also be wired to the RSD-A box (*air solenoid junction box*) for use with P539A pneumatic controlled shut off devices. 15 Amp rating will close twenty-five P810 valve shut offs simultaneously. Fail safe design provides for positive shut-off. Can be used with up to (15) RSD-E1 handheld transmitters (*one included*).

Part No.	
ST RSD-E	Remote Controlled Shut-Off Panel.....



RSD-A Pneumatic Solenoid Panel

Use this air solenoid panel in conjunction with the RSD-E box above when you want to close your N550/N551 valves with P539 air shut off devices. Supplied with 12 volt input from RSD-E panel (*Nitrogen supply recommended*). NEMA 4 outdoor rated enclosure.

Part No.	
ST RSD-A	Pneumatic Solenoid Panel

E-STOP Shut Offs

E-STOP5A has a 5 amp rating that allows for immediate shut off of up to eight P810 valve shut off devices simultaneously. NEMA 4 outdoor rated enclosure.



E-STOP5A

E-STOP15A has a 15 amp rating that allows for immediate shut off of up to twenty-five P810 valve shut off devices simultaneously. NEMA 4 outdoor rated enclosure.



E-STOP15A

Part No.	Shut Offs
ST ESTOP-5A	5 Amp Shut Off - Up to 8 P810 Devices.....
ST ESTOP-15A	15 Amp Shut Off - Up to 25 Devices

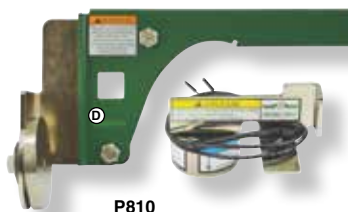
RSD-E1 Handheld Transmitter

The **RSD-E1 Handheld Transmitter** is used in conjunction with the RSD E-Panel (*one comes standard with each RSD-E Box*). Provides wireless signal to receiver inside RSD E-Panel to activate P810 valve shut-off devices (*or to shut off P539 devices when used with RSD A-Panel Pneumatic Solenoid Panel*). Will work up to 300 ft. away from RSD E-Panel if indoors or up to 400 ft. away if outdoors (*unobstructed line of sight*). Multiple handheld transmitters can be used with one RSD E-Panel.



RSD-E1

Part No.	
ST RSD-E1	Handheld Transmitter.....
ST 444	Belt Clip.....



P810

P810 Valve Shut Offs

The **P810, 12 Volt Shut-Off Device** can be installed on any Fisher N550/N551 emergency shut-off valve (*1-1/4", 2" and 3" sizes*). When either an E-Stop or handheld remote is pressed, the P810 immediately closes the valve. Fail safe design also provides for positive shut-off if power supply fails. 0.6 Amps draw.



P810
Shown
Installed

Part No.	
ST P810	12V Valve Shut-Off
ST P810-REGO	12V Valve Shut-Off for REGO.....

P539A Pneumatic Actuator

**For Fisher N550/
N551 ESV Valves**

Use for pneumatic shut off of N550/ N551 ESV's. "Fail Safe" design will also close valve if air pressure is lost. 1/4" inlet port.



P539A

Part No.	
ST P539A	Pneumatic Actuator.....



"Push to Close" Decal & Sign Post

- Mount Near Your Emergency Shut Offs.
- 10" High x 12" Wide.

650088

Part No.	
ST 650088	NH ₃ Emergency Shut Off Decal
ST 404186	Sign Post for 650088 with 10" x 12" Top.....