

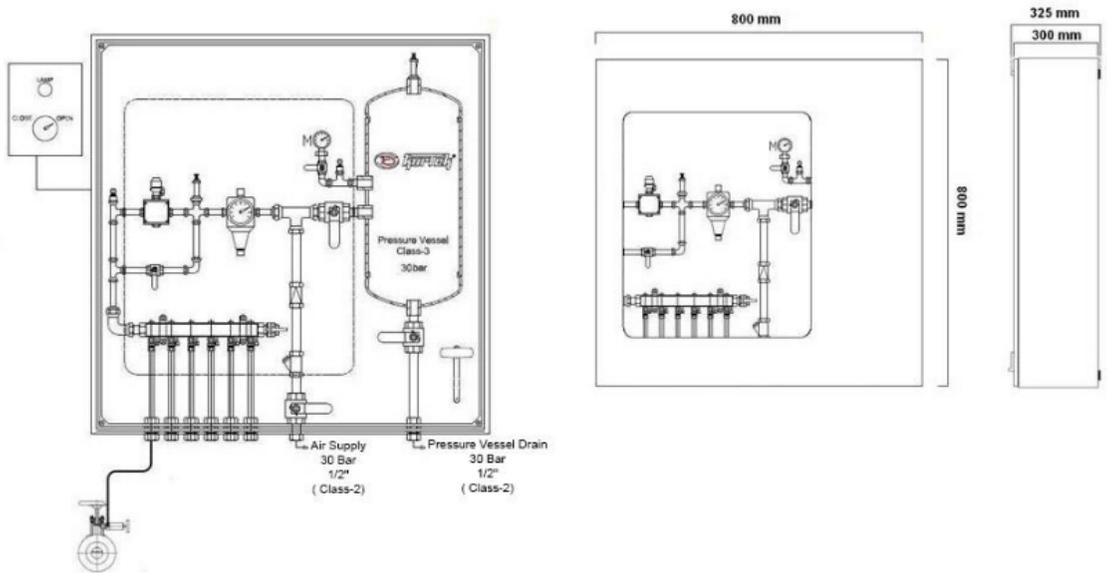
KURTEK Pneumatic Control Cabinet is used for Quick Closing Valve's pneumatic remote control. Quick Closing Valves is provided with a pneumatic cylinder. The Pneumatic Control Cabinet system operates the cylinder. The installation can be tailored to the user's needs, although the following rules must be taken into account: The Pneumatic Control Cabinet (pressure vessel and control panel) must be installed outside the engine room. The installation must be provided with a manually operated emergency pump.

APPLICATIONS

- * With one Pneumatic Control Cabinet up to 20 Quick Closing Valves can be operated.
(Total distance between the Quick Closing Valves and Pneumatic Control Cabinet is Important.)
- * The Pneumatic Control Cabinet can have 4 - 6 outlets.
- * Control Pressure : 8 bar
- * At one charging of the Pressure Vessel, all valves can be closed two times.
- * Pneumatic Control Cabinet can be easily mounted with vibration Insulators.
- * The Pneumatic Control Cabinet & Pressure Vessel has certification from BV Classification Society and can be certified from the required other IACS Societies



- * The connection between the pneumatic cylinder of quick closing valve and the impulse unit must be made of seamless drawn steel tubing with a minimum inner diameter of 4mm.
- *The number of connections and bulkhead fittings must be restricted to a minimum.
- *There should not be any sharp bends in the transmission lines. The assembly must be installed in such a way that mechanical damage is not possible.
- *Each actuator switch must have a label to indicate which quick closing valve it will close.
- *One actuator switch is allowed to control a maximum of four quick closing valves simultaneously, with the expectation of quick closing valves used for day tanks. These should each be separately connected to an actuator switch.



| NO | PART NAME | MATERIAL |
|----|---|---------------------|
| 1 | Control Panel | PE |
| 2 | Cabinet | St 37-2 |
| 3 | Breakable Window 4mm | Tempered Flat Glass |
| 4 | Safety Valve (32 Bar) | MS-58 |
| 5 | Pressure Vessel - Class 3 (15 Lt) | P265GH |
| 6 | Pressure Switch (28 Bar) | PE |
| 7 | Manometer (0-60 Bar) | AISI 304 |
| 8 | 1/2" Ball Valve PN63 (Press, Vessel Outlet) | AISI 304 |
| 9 | Pressure Reducing Valve (30 - 8 Bar) | CC499K |
| 10 | Safety Valve (8,8 Bar) | MS-58 |
| 11 | Solenoid Valve PN 16 (24 V DC) | MS-58 |
| 12 | Pressure Switch (6 Bar) | PF |