

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



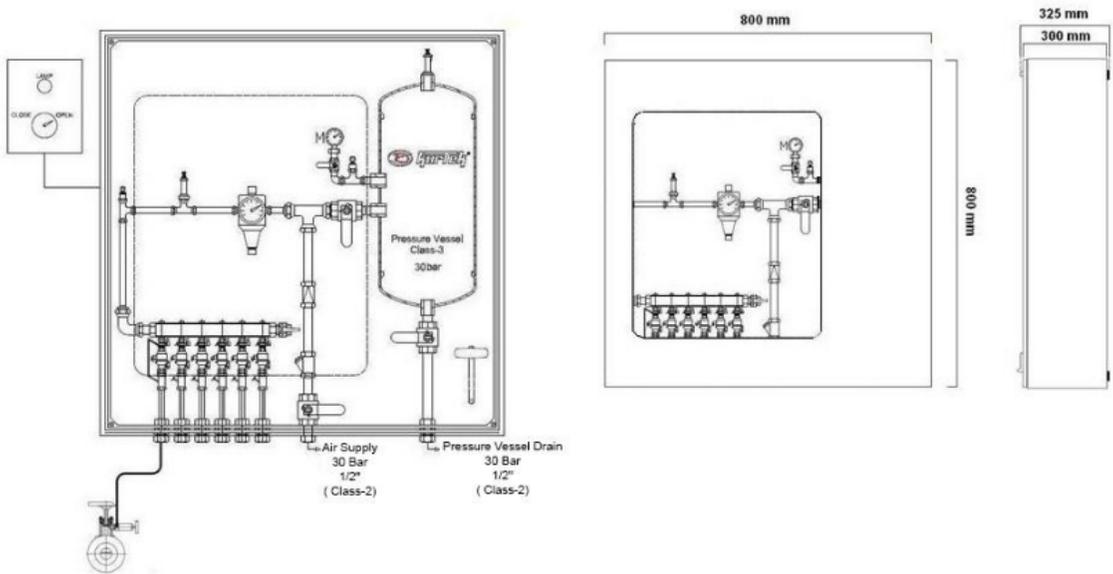
\* The connection between the pneumatic cylinder of quick closing valve and the impulse unit must be made of seamless drawn steel tubing with a minimum inner diameter of 4mm.

\*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 exception of quick closing valves used for daytanks. 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