

Standard 25mm GOX/GAN/GAR Customer Station Control Manifold with Low Temperature Protection

Construction:

Length	1500 mm
Overall Height	1075 mm
Height to Pipe Centre Line	775 mm
Operating Temperature	-29°C
Maximum Temperature	60°C
Minimum Temperature	-40°C
Pilot Set Close	-29°C
Design Pressure *	25 bar
Drawing Number	BE60400011D

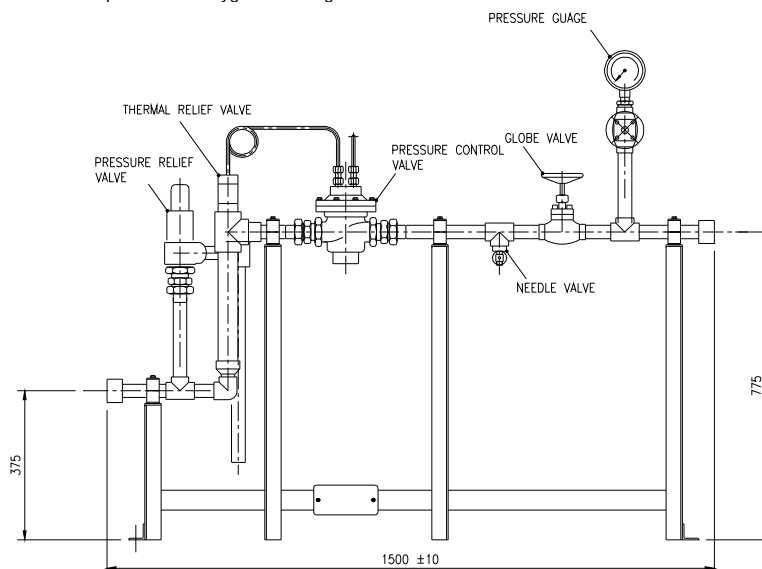
* Maximum relief valve set pressure for oxygen is 18 barg

Pressure Regulator Data:

Manufacturer	Kaye & MacDonald
CV Rating	8
Materials	Bronze
Size	20 mm
Overall Height	197 mm

Pipe Data:

Size	25 mm
Max Pressure	241 bar
Material	304L Stainless Steel



Operating Data (Allowable Flow Rate [Nm³/hr])

Inlet (barg)	Drop Off (barg)	Outlet Pressure (barg)										
		3	4	5	6	7	8	9	10	11	12	13
15	2		500	550	600	600	600	700	700	700	600	500
13.5	2		500	600	600	650	650	700	700	700	500	
12	2		500	550	600	600	650	650	500			
10.5	2	150	500	500	550	550	600	450				
9	2	400	475	500	550	400						
7.5	2	400	450	450	325							
6	2	400	300									

Figures based on a DN20 Kaye & MacDonald Type III Pressure Regulator in N₂ Service.
For O₂ service, Ar service and CO₂ service multiply by 0.936, 0.837 and 0.798 respectively.