

Level 1 and Level 2 Medical Pipeline Installation Table



The CONCOA Medical IntelliSwitch units, Reserve Systems and Medical Micromanifolds are designed to comply with NFPA 99 Level 1 and Level 2 medical gas pipeline installations such as hospitals, surgery centers, emergency treatment clinics and other healthcare facilities. This chart is designed to assist in selecting proper configurations based on the specific medical drug gas and its source type (high pressure or cryogenic).

Columns A through H correspond to the product selection guides of the 570, 571 and 573 Series manifold systems and show which selections fall within Level 1 and Level 2 guidelines.

Gas Type	Main System	A	B	C	D	E	F	G	H
		Delivery Pressure Selection	Gas Service Selection	Reserve Gas Inlet Selection	Assembly Selection	Left Bank Inlet Connection Selection	Left Bank No. of Stations Selection	Right Bank Inlet Connection Selection	Right Bank No. Stations Selection
High Pressure Cylinders Only									
Oxygen	570 or 571	2 or B	1	0	2 or 3	9	2 thru 24	9	2 thru 24
Oxygen Hyperbaric	570 or 571	3 or C	1	0	2 or 3	9	2 thru 24	9	2 thru 24
Nitrous Oxide	570 or 571	2 or B	2	0	2 or 3	A or B	2 thru 24	A or B	2 thru 24
CO2	570 or 571	2 or B	4	0	2 or 3	A or B	2 thru 24	A or B	2 thru 24
Air	570 or 571	2 or B	6	0	2 or 3	A or B	2 thru 24	A or B	2 thru 24
Helium	570 or 571	2 or B	5	0	2 or 3	A or B	2 thru 24	A or B	2 thru 24
Nitrogen	570 or 571	7 or G	3	0	2 or 3	A or B	2 thru 24	A or B	2 thru 24

Cryogenic Liquids*									
Oxygen	570 or 571	2 or B	1	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24
Oxygen Hyperbaric	570 or 571	3 or C	1	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24
Nitrous Oxide	570 or 571	2 or B	2	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24
CO2	570 or 571	2 or B	4	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24
Air	570 or 571	2 or B	6	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24
Helium	570 or 571	2 or B	5	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24
Nitrogen	570 or 571	7 or G	3	1 or 2	2 or 3	C	1 thru 24	C	1 thru 24

* Need to order two 579-9100 Cryogenic relief valve kits and requires 573 Reserve System

Hybrid High Pressure & Cryogenic Liquid**									
Oxygen	570 or 571	2 or B	1	1 or 2	2 or 3	C	1 thru 24	9	2 thru 24
Oxygen Hyperbaric	570 or 571	3 or C	1	1 or 2	2 or 3	C	1 thru 24	9	2 thru 24
Nitrous Oxide	570 or 571	2 or B	2	1 or 2	2 or 3	C	1 thru 24	A or B	2 thru 24
CO2	570 or 571	2 or B	4	1 or 2	2 or 3	C	1 thru 24	A or B	2 thru 24
Air	570 or 571	2 or B	6	1 or 2	2 or 3	C	1 thru 24	A or B	2 thru 24
Helium	570 or 571	2 or B	5	1 or 2	2 or 3	C	1 thru 24	A or B	2 thru 24
Nitrogen	570 or 571	7 or G	3	1 or 2	2 or 3	C	1 thru 24	A or B	2 thru 24

** Need to order one 579 9100 Cryogenic Relief valve kit and requires 573 Reserve System, left bank shown as example of Cryogenic Liquid configuration and right bank as an example of high pressure, but either right or left can be configured as Cryogenic or High pressure Sources.

Gas Type	Main System	A	B	C	D	F	G
		573 Series Reserve System Selection	Gas Service Selection	Outlet Connection Selection	Assembly Options Selection	Reserve Bank Inlet Connection Selection	Reserve Bank No. of Stations Selection
573 Reserve (High Pressure Cylinders Only)							
Oxygen	570 or 571	7 or G	1	0 or 1	0	9	3 thru 24
Oxygen Hyperbaric	570 or 571	4 or D	1	0 or 1	0	9	3 thru 24
Nitrous Oxide	570 or 571	7 or G	2	0 or 1	0	A or B	3 thru 24
CO2	570 or 571	7 or G	4	0 or 1	0	A or B	3 thru 24
Air	570 or 571	7 or G	6	0 or 1	0	A or B	3 thru 24
Helium	570 or 571	7 or G	5	0 or 1	0	A or B	3 thru 24
Nitrogen	570 or 571	4 or D	3	0 or 1	0	A or B	3 thru 24