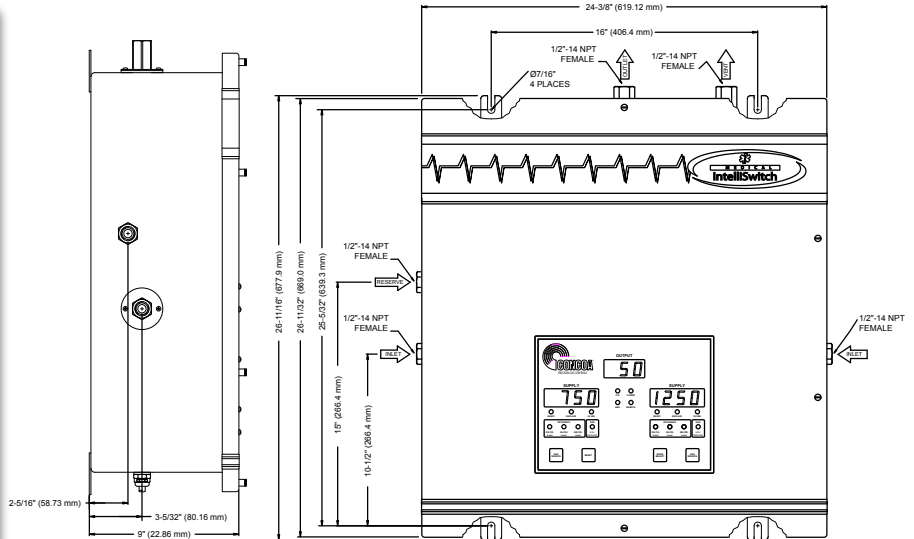
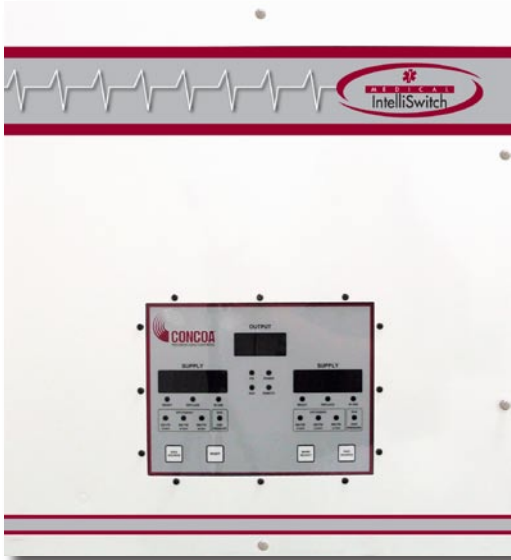




Medical Gas Switchovers

571 Series Medical IntelliSwitch™



The fully-automatic Universal Medical IntelliSwitch™ offers continuous, fail-safe pressure and flow control from liquid or high pressure medical cylinders which enables the user to select the ideal mode of supply with the simple push of a button. Proprietary software and control logic lower yearly gas costs and comply with NFPA 99 "Economizer" requirements by eliminating liquid cylinder vent loss and excess residual return. This makes the Medical IntelliSwitch™ the perfect choice for healthcare and medical gas pipeline systems.

Advanced Features

- Dual line regulator diagnosis
- Left side reserve inlet option
- NEMA 12 or optional NEMA 4 enclosure
- Advantium RX™ alarm interface
- Micro-processor control
- Field adjustable software
- On-site supply change
- Low loss technology
- Electronic economizer
- Self-diagnosis software
- Remote monitoring option
- Ethernet connectivity option
- RS 232/RS 485 connectivity

Applications

Healthcare and Medical Gas Pipeline

- Oxygen USP
- Nitrogen NF
- Nitrous Oxide USP
- Carbon Dioxide USP
- Air USP
- Helium USP
- Medical Mixtures

Medical Facilities

- Hospitals, Surgery Centers,
- Clinics, Hyperbaric Chambers, Dental
- Clinics, Extended Care Facilities,
- Nursing Homes

Materials

- Bodies**
Brass barstock
- Seats**
Viton, Neoprene
- Seals**
PTFE, Neoprene and Viton
- Enclosure**
Powder Coated Steel
NEMA 4 Option

Specifications

- Power Requirements**
110 or 220 VAC
- Maximum Inlet Pressure**
3,000 PSIG (210 BAR)
- Temperature Range**
0 to 140°F (-18° to 60°C)
- Flow Capacity**
Cv = 1.0
1800 scfh
- Filter**
40-Micron
- Inlet Connection**
1/2" FPT
- Outlet Connection**
1/2" FPT
- Weight**
112 lbs.

CONCOA

1501 Harpers Road • Virginia Beach, Virginia 23454 USA • 1.800.225.0473 • www.concoa.com

Medical Gas Switchovers



Ordering Information

| | A | B | C | D | E | F | G | H |
|------------|--------------------------|---------------------|--------------------------|--------------------|--|--|--|--|
| Series 571 | Delivery Pressure | Gas Service | Reserve Gas Inlet | Assembly | Left Bank Inlet Connection | Left Bank No. of Stations | Right Bank Inlet Connection | Right Bank No. of Stations |
| | 2: 55 PSIG | 1: CGA 540 Oxygen | 0: No Inlet | 2: 120 VAC | 0: 1/2" FNPT Port | 0: 1/2" FPT Port | 0: 1/2" FNPT Port | 0: 1/2" FPT Port |
| | 3: 100 PSIG | 2: CGA 326 | 1: Left Inlet | 3: 220 VAC | 1: 24" Rigid Copper Pigtail | 1: One Station | 1: 24" Rigid Copper Pigtail | 1: One Station |
| | 7: 180 PSIG | 3: CGA 580 Nitrogen | | 6: 120 VAC, NEMA 4 | 2: 24" Teflon Lined Braided Pigtail | 2: Two Stations | 2: 24" Teflon Lined Braided Pigtail | 2: Two Stations |
| | | 4: CGA 320 CO2 | | 7: 220 VAC, NEMA 4 | 3: 36" Teflon Lined Braided Pigtail | 3: Three Stations | 3: 36" Teflon Lined Braided Pigtail | 3: Three Stations |
| | | 5: CGA 580 Helium | | | 4: 72" Teflon Lined Pigtail | 4: Four Stations | 4: 72" Teflon Lined Pigtail | 4: Four Stations |
| | | 6: CGA 346 Air | | | 5: Master Valve w/24" Rigid Copper Pigtail | 5: Five Stations | 5: Master Valve w/24" Rigid Copper Pigtail | 5: Five Stations |
| | | | | | | 6: Master Valve w/24" Teflon Lined Pigtail | 6: Six Stations | 6: Master Valve w/24" Teflon Lined Pigtail |
| | | | | | 7: Master Valve w/36" Teflon Lined Pigtail | 7: Seven Stations | 7: Master Valve w/36" Teflon Lined Pigtail | 7: Seven Stations |
| | | | | | 8: Master Valve w/72" Teflon Lined Pigtail | 8: Eight Stations | 8: Master Valve w/72" Teflon Lined Pigtail | 8: Eight Stations |
| | | | | | 9: Micromanifold & Master Valve w/24" Rigid Copper Pigtail | 9: Nine Stations | 9: Micromanifold & Master Valve w/24" Rigid Copper Pigtail | 9: Nine Stations |
| | | | | | A: Micromanifold & master Valve w/24" Teflon Lined Braided Pigtail | A: 10 Stations | A: Micromanifold & master Valve w/24" Teflon Lined Braided Pigtail | A: 10 Stations |
| | | | | | B: Micromanifold & Master Valve w/36" Teflon Lined Braided Pigtail | B: 11 Stations | B: Micromanifold & Master Valve w/36" Teflon Lined Braided Pigtail | B: 11 Stations |
| | | | | | C: Micromanifold & Master Valve w/72" Teflon Lined Braided Pigtail | C: 12 Stations | C: Micromanifold & Master Valve w/72" Teflon Lined Braided Pigtail | C: 12 Stations |
| | | | | | | D: 13 Stations | | D: 13 Stations |
| | | | | | | E: 14 Stations | | E: 14 Stations |
| | | | | | | F: 15 Stations | | F: 15 Stations |
| | | | | | | G: 16 Stations | | G: 16 Stations |
| | | | | | | H: 17 Stations | | H: 17 Stations |
| | | | | | | J: 18 Stations | | J: 18 Stations |
| | | | | | | K: 19 Stations | | K: 19 Stations |
| | | | | | | L: 20 Stations | | L: 20 Stations |
| | | | | | | M: 21 Stations | | M: 21 Stations |
| | | | | | | N: 22 Stations | | N: 22 Stations |
| | | | | | | P: 23 Stations | | P: 23 Stations |
| | | | | | | R: 24 Stations | | R: 24 Stations |

Related Options

| Option | Order No. | Description |
|--|-------------|---|
| 120 VAC Remote Advantium Rx Alarm | 574 0001 | Provides visual and audible notification of the status of the Medical IntelliSwitch and Reserve Gas System |
| 220 VAC Remote Advantium Rx Alarm | 574 0002 | |
| Medical IntelliSwitch to Advantium Rx Cable Assembly | 529 5325-XX | Pre-assembled cable assembly to connect between the Medical IntelliSwitch and the Advantium Rx Alarm. (-XX denotes cable length. Replace "XX" with -03=3ft, -10=10ft, -25=25ft, -50=50ft, -100=100ft). |
| Reserve Gas Alarm Cable Assembly | 529 5326 | Pre-assembled 25ft. cable assembly to connect Reserve Gas Module to Medical IntelliSwitch |
| Reserve Gas Alarm Extension Cable Assembly | 529 5327-XX | Pre-assembled extension cable assembly to connect between the Medical IntelliSwitch and the Reserve Gas Module. (-XX denotes cable length. Replace "XX" with -25=25ft, -50=50ft, -100=100ft). |
| Advantium Rx Output Cable Assembly | 529 5328-XX | Pre-assembled cable assembly to connect the output contacts of the Advantium Rx Alarm to other equipment. One end of cable gas wires only. (-XX denotes cable length. Replace "XX" with -03=3ft, -10=10ft, -25=25ft, -50=50ft, -100=100ft). |

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