



Medical Gas Switchovers and Manifolds

579 MicroManifold Header Extension Kit



The 579 Series Medical Micro-manifold Header Extension Kits and Replacement Parts are designed for use with CONCOA's 570, 571, Medical IntelliSwitch Systems and CONCOA's 573 Emergency Reserve System for Level 1 and Level 2 Medical Gas Pipeline Installations. They incorporate a flexible modular design that ensures easy fail safe expansion or repair of CONCOA's 579 Medical Micro-manifold Headers as part of a Medical Gas Pipeline installation. The 579 Series extension kits are designed to comply with NFPA 99 code requirements for such installations and integrates with all of CONCOA's Medical Pipeline systems for a fully compliant system. Each unit is ordered labeled for specific gas use and includes all necessary instructions and assemblies for a safe and easy installation.

Advanced Features

- Four ½" Modular FNPT bottom inlets bar stock header extensions: easy expansion.
- Standard or Compact extension Tubes: Variable distance configurations
- ½" FNPT top port: for NFPA 99 Required Cryogenic Relief Valve installation
- ½" MNPT outlet: mates with all CONCOA Medical pipeline systems.
- CGA Check valve inlets gas specific: NFPA 99 requirement
- Extension Kits: easy future expansion
- Various Pigtail options: 24" Copper Pigtails for High Pressure Oxygen Systems
- 36" or 72" Stainless Steel Braided PTFE Core Pigtails for all other gases.
- 600 psig Cryogenic Relief Valve Riser: Required for Cryogenic source conversions.
- Extreme overpressure burst disk: ensures safe operation

Applications

Medical Gas Pipeline Headers 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

Brass Barstock Body

Specifications

Maximum Inlet Pressure

3,000 PSIG (210 BAR)

Temperature Range

0 to 140°F (-18° to 60°C)

Outlet Connection

½" MNPT

Weight

10 lbs.

Ask About Our

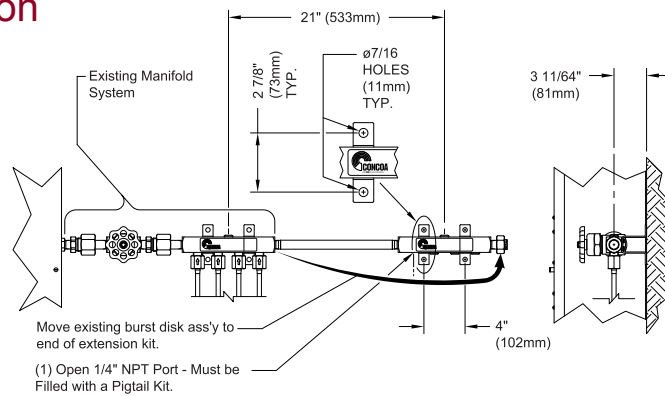
EXTENDED
WARRANTY

On This CONCOA Product

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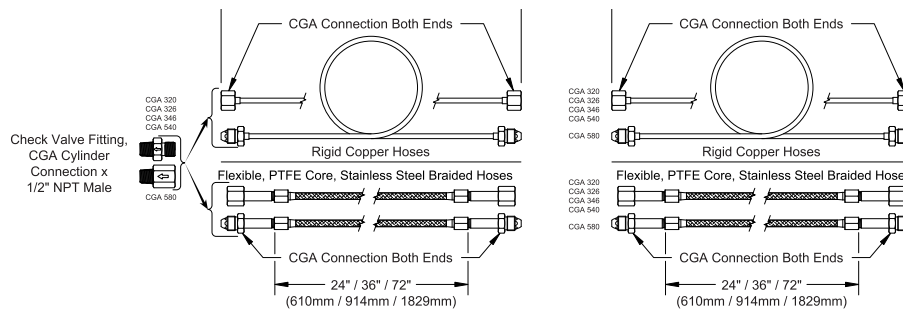


Technical Information



Header Extension Kit Ordering Information

CONCOA Kit No.	MicroManifold Description	Nomenclature	Gas Service/Nameplate Label
579-9001-AIR	Extension Kit for Air	AIR	835-0123
579-9001-CO ₂	Extension Kit for Carbon Dioxide	CO2	835-0121
579-9001-HE	Extension Kit for Helium	HELIUM	835-0126
579-9001-N2	Extension Kit for Nitrogen	NITROGEN	835-0125
579-9001-N2O	Extension Kit for Nitrous Oxide	N2O	835-0122
579-9001-LPO2	Extension Kit for Low Pressure Oxygen	LPO2	835-0124
579-9001-O2	Extension Kit for Standard Pressure Oxygen	O2	835-0124



Oxygen Pigtail and Check Valve Kit Ordering Information

Gas Type	CONCOA Kit No.	Description	Pigtail Assembly	CGA/Check Valve Fitting
Oxygen	579-9102-RCU	24" Rigid Copper Pigtail Assembly	551-0368-540	529-0080-540
	579-9102-72	72" Stainless Steel Braided Pigtail Assembly	529-0302-540	529-0080-540
Nitrous Oxide	579-9202-24	24" Teflon® Lined Stainless Braided Pigtails	529-0300-326	529-0080-326
	579-9202-36	36" Teflon® Lined Stainless Braided Pigtails	529-0301-326	529-0080-326
	579-9202-72	72" Teflon® Lined Stainless Braided Pigtails	529-0302-326	529-0080-326
Nitrogen or Helium	579-9302-24	24" Teflon® Lined Stainless Braided Pigtails	529-0300-580	529-0080-580
	579-9302-36	36" Teflon® Lined Stainless Braided Pigtails	529-0301-580	529-0080-580
	579-9302-72	72" Teflon® Lined Stainless Braided Pigtails	529-0302-580	529-0080-580
Carbon Dioxide	579-9402-24	24" Teflon® Lined Stainless Braided Pigtails	529-0300-320	529-0080-320
	579-9402-36	36" Teflon® Lined Stainless Braided Pigtails	529-0301-320	529-0080-320
	579-9402-72	72" Teflon® Lined Stainless Braided Pigtails	529-0302-320	529-0080-320
Air	579-9602-24	24" Teflon® Lined Stainless Braided Pigtails	529-0300-346	529-0080-346
	579-9602-36	36" Teflon® Lined Stainless Braided Pigtails	529-0301-346	529-0080-346
	579-9602-72	72" Teflon® Lined Stainless Braided Pigtails	529-0302-346	529-0080-346