



639 Series Switchover

The 639 Series Assist Gas Switchover is an automatic system designed to provide a continuous supply of laser assist gas from two high pressure sources. The system comes pre-mounted on a stainless steel panel, complete with flexible pigtails for connections to bulk high pressure sources.

Advanced Features

- **Primary and Reserve Bank**
Automatically switches to reserve when depleted
- **Optional Alarm**
Visual and audible notification
- **High Flow Capacity**
Flows up to 9,000 SCFH
- **Cartridge Sensor**
Precise pressure control



639-5003-02 Shown

Ask About Our

EXTENDED
WARRANTY

On This CONCOA Product

Applications

Laser Assist Gases

Helium
Nitrogen
Oxygen
Argon

High Pressure Sources

Tube Trailers
Cylinder Cradles
Bulk Stations

Materials

Body

Brass barstock body and bonnet

Seats

PTFE seat* or PCTFE seat†

Seals

PTFE and Viton® (internal)

Filters

40-micron sintered bronze*
40-micron stainless steel†

Pressure Gauges

Brass (Socket)
Bronze (Bourdon tube)
Brass (Case)

*3,000 PSIG (208 BAR) inlet
†4,500 PSIG (310 BAR) inlet

Specifications

Maximum Inlet Pressure

3,000 PSIG (210 BAR)
4,500 PSIG (310 BAR)

Temperature Range

-40 to 140°F (-40 to 60°C)

Gauges

2" diameter dual scale brass

Outlet Connection

½" FPT

Cv

2.0

Weight (stand and switchover)

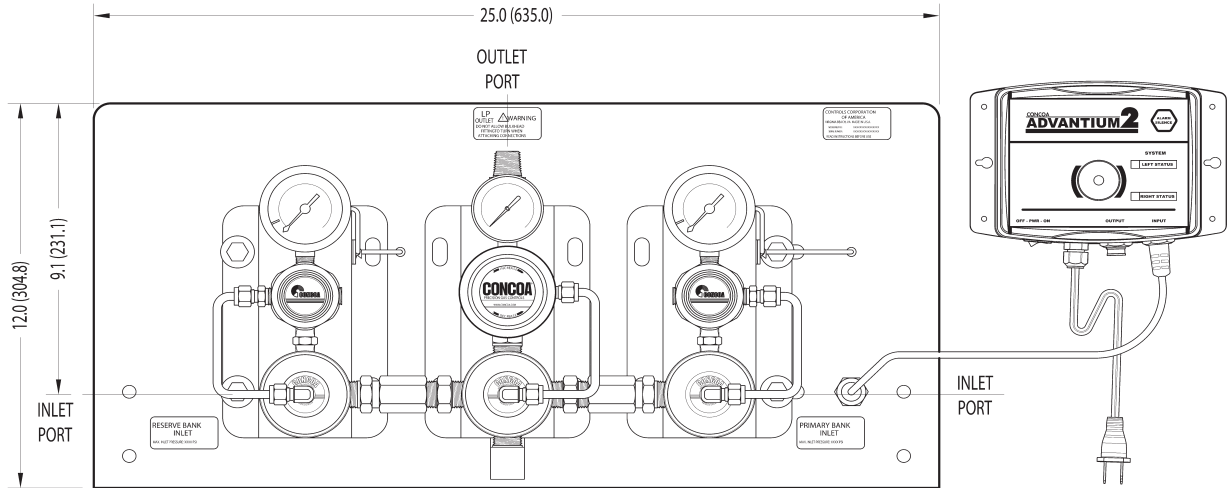
124 lbs. (56 kg)

Assist Gas Supply

Assist Gas Supply



Installation Dimensions



Shown with line regulator and optional alarm.

Ordering Information

639	A	B	C	D	E	F
Series 639	Reserve/Primary Switching Pressure	Primary Supply Inlet Configuration	Reserve Supply Inlet Configuration	Max Inlet Pressure/ Assembly	Gas Service	Final Pressure Control
	4: 350 PSIG/500 PSIG	0: No pigtail assembly	0: No pigtail assembly	3: 3000 PSIG No Alarm Capability	0: Oxygen	1: Line Regulator Not Included
	5: 400 PSIG/600 PSIG	5: Pigtail (6 feet)	5: Pigtail (6 feet)	4: 3,000 PSIG With alarm capability	4: Inert (Argon, N ₂ , He)	2: Integral line Regulator*
	7: 600 PSIG/800 PSIG	6: Pigtail (12 feet)	6: Pigtail (12 feet)	8: 4,500 PSIG No alarm capability		
		9: Tube Trailer (½" x ½") (12 feet)*	9: Tube Trailer (½" x ½") (12 feet)*	9: 4,500 PSIG With alarm capability		*If A=4, Not Available If A=5, 0-400 PSIG If A=7, 0-600 PSIG
		*Not available with 4,500 PSIG inlet		Select alarm from options listed below		

Related Options

Option	Order No.	Description
Switchover Stand	518-1625	Appropriate support for switchover with one cylinder per side.
Advantium 8 Alarm	529-5310 (110 Volt)	Remote alarm provides power for indicator lights for up to four 639 Switchovers, as well as audible and visual alarm at remote unit and RS-232 computer interface. The unit also supports optional telephone dialers.
	529-5311 (220 Volt)	
Advantium 2 Plus Alarm	575-0021 (110 Volt)	Remote alarm provides audible remote alarm for a single 639 Switchover.
	575-0022 (220 Volt)	