



# ICON

Valve Integrated Pressure Regulator

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The ICON Valve offers medical customers a single solution for oxygen delivery to patients ending the necessity for stocking both oxygen cylinders and regulator throughout their facilities, and ending the additional labor of monitoring empty and full cylinders and attaching regulators to cylinders. Most important, the ICON Valve provides medical technicians a simple-to-operate device with straight forward remaining oxygen contents gauge minimizing any risk to have an empty cylinder when time is critical during emergencies.

Control Devices designed the ICON Valve from a solid brass chrome plated forging for robust construction delivering customers a very durable all-in-one oxygen system for years of service life. The ICON Valve incorporates a very ergonomic handle for protection and ease of handling.

Control Devices has longstanding experience in designing and manufacturing products for multiple compressed gas markets, critical applications and OEM customers, and its operations focus exclusively on producing the highest quality valve products at uncompromised value. Control Devices products are produced to meet or exceed the highest US and international standards. Control Devices is a global supplier of precision valve products serving a broad range of applications, industries and markets. Control Devices manufactures a full line of high pressure cylinder valves including industrial, medical, residual pressure, acetylene and specialty products.



## ICON Outstanding Features

- Easy to carry valve protection carry handle
- Positive click liter flow dial
- Solid brass one-piece forged design
- Stainless steel oxygen delivery cannula barb
- Chrome plated finish
- 50PSI constant flow DISS outlet
- CGA540 fill port with check valve
- Protective CGA540 fill port dust cap (metal cap optional)
- Easy-to-read cylinder contents gauge
- Master regulator shut off valve
- ICON Valve exceeds CGA E-18 standards. All regulators pass ASTM G175 ignition tests. Cleaned for oxygen service CGA G-4.1

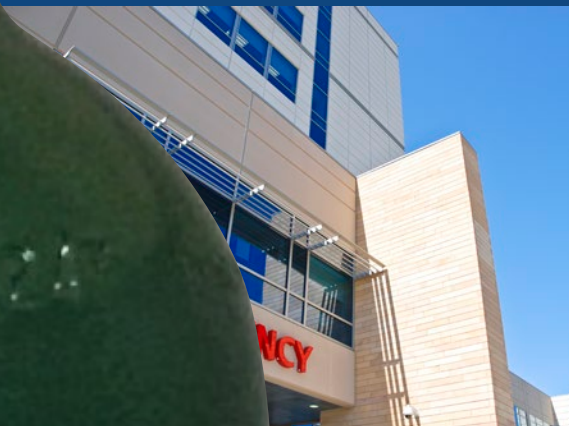
## Emergency Services



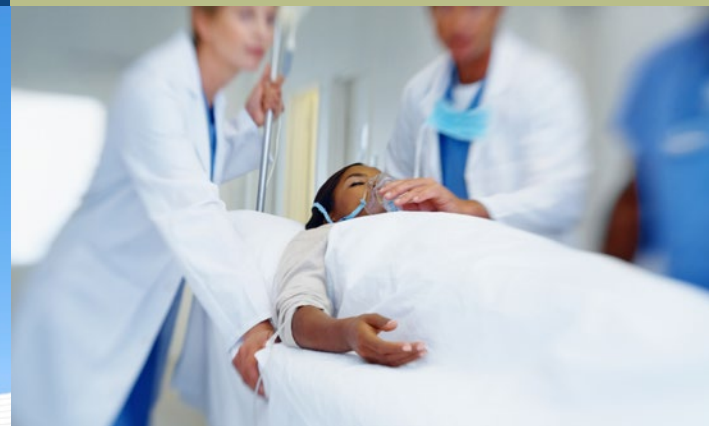
## Medical Offices



## Hospitals



## Outpatient Medical Facilities



- ICON Valve is manufactured in FDA registered manufacturing facilities.
- All processes and procedures are followed to the ISO9001:2000 standards.
- Precision machining tolerances deliver the most accurate performance and reliability.
- User can initiate flow with a simple turn of the positive click liter flow dial.
- High quality chrome plated, solid brass construction for superior strength and durability.
- All ICON Valves exceed CGA E-18 standards. All regulators pass ASTM G175 ignition tests.
- Ergonomically designed carry handle simplifies lifting and cylinder handling, meets drop tests, and protects the regulator body and gauge from damage.
- All models are supplied with a barb and 50PSI constant flow DISS outlet.
- The check valve fill port is pressure operated with standard soft tip CGA540 hand tight filling adaptor. Purging, evacuation and fill is accomplished with the single connection.
- All units are serial numbered for traceability.

### Standard Liter Flow Available

Max LPM	Positive Click Settings	Typical Application
25 LPM	0, 1/4, 1/2, 1, 2, 3, 4, 6, 8, 10, 15, 25	EMS, Hospital, Homecare

### Specifications

Maximum Working Pressure:	3000 PSI
Standard Operating Pressure:	2015 PSI
Standard Safety Device:	3360 PSI, CG4, 165F fusible metal
Dimensions:	6"H x 4"W x 3.75"D
Operating Temperature:	-4°F to 120°F
Storage Temperature:	-40°F to 140°F
Brass Model Weight:	2.6lbs

# ICON

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### Complete ICON Cylinder Systems

The ICON Valve is available with a wide selection of aluminum medical cylinders. Aluminum cylinders are the cylinder of choice in the medical industry due to their clean finish and lightweight characteristics.

The ICON Valve by Control Devices is a revolutionary and compact integrated medical valve and regulator (All-In-One) system designed for medical applications. The ICON Valve, like all Control Devices products, exceeds the highest international standards for performance and reliability. The standard ICON Valve is designed from a solid brass one piece construction offering the most durable product to the market.

#### ICON Valve for Aluminum Cylinders

Part Number	Inlet	Fill Port	DISS	Liter Per Minute	Safety Burst Disc
ICONV-3-4-3360-25	Shut Off Valve, DISS	.750-16UNF2A	CGA540	25LPM	3360PSI, CG4

Cylinder				
M6	M9	D	Jumbo D	E
Skid Quantity				
144	81	81	72	81
Oxygen Capacity				
CU.FT				
6	9	15	22.6	24
LITER				
170	255	425	623	680
Service PSI				
PSI				
2216	2015	2015	2015	2015
BAR				
153	139	139	139	153
Cylinder Length				
INCHES				
11.59	11.88	16.51	16.3	25.63
MM				
294	276	419	414	651
Cylinder O.D.				
INCHES				
3.2	4.38	4.38	5.25	4.38
MM				
81	111	111	133	111
Cylinder Weight				
LBS				
2.2	3.7	5.3	8.1	7.9
KG				
1	1.69	2.41	3.68	3.58

#### ICON Valve Aluminum Cylinder Systems

Includes ICON with shut off valve and aluminum cylinder

Model Number	Description
ICONV-540E-25	ICON Valve E cylinder system, 25LPM
ICONV-540JD-25	ICON Valve JD cylinder system, 25LPM
ICONV-540D-25	ICON Valve D cylinder system, 25LPM
ICONV-540M9-25	ICON Valve M9 cylinder system, 25LPM
ICONV-540M6-25	ICON Valve M6 cylinder system, 25LPM



## General Icon User Instructions

**Important: Refer to pamphlet # ICON2017, Operating Instructions and Guidelines for ICON Valve Integrated Pressure Regulator for detailed instructions instruction and safety precautions enclosed with each unit.**

The ICON Valve is a precision medical device. Throughout its period of use, the ICON Valve MUST be protected against dust, water, and other adverse conditions that could impair its quality, functionality, reliability and safety. Systems should be stored in a sheltered location to protect from the elements. Never store in extreme cold conditions. Do not store outdoors where ICON valves will be subject to dust and dirt. The ICON Valve must only be used if in good working condition. If you suspect the ICON Valve is faulty or damaged, remove from service immediately. Contact your equipment / gas supplier immediately.

## Warranty

Control Devices warrants oxygen regulators will be free from defects in material and workmanship for (2) year from the date of shipment. The warranty extends only to defects in material and workmanship and does not extend to defects arising from any use of the products other than set forth in the products instructions and operating literature. If promptly notified by the customer of a defective product, the manufacturer will repair or replace, at its option, any defective product that is returned for warranty repair. The express warranties above are the manufacturers sole warranties of its products and do not extend to defects and damage caused by unauthorized repair, misuse, abuse, or exposure to adverse environmental conditions. The manufacturer makes no further or additional warranties or implied, including, without limitation, any implied warranty or merchantability or fitness for a particular purpose, and the customer remedy set forth herein is the sole exclusive remedy. Oral statements do not constitute warranties. The representatives of Control Devices are not authorized to form oral warranties regarding the products sold by Control Devices. Any statements will not be relied upon and are not part of the sale contract.



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