



## **LP-Gas & Anhydrous Ammonia Equipment**

**ECI** *Engineered Controls  
International, Inc.*

# **Section C**

## **Multivalve® Assemblies**

C

# Limited Warranty and Limitation of Liability

## LIMITED 10 YEAR WARRANTY AND LIMITATION OF LIABILITY

### LIMITED 10 YEAR WARRANTY

Engineered Controls International, Inc. ("ECII") warrants to the original purchasers the products and repair kits manufactured by it to be free from defects in materials and workmanship under normal use and service for a period of 10 years from the date of manufacture. If within thirty days after buyer's discovery of what buyer believes is a defect, buyer notifies in writing and ships the product to ECII at 100 Rego Drive, Elon, NC 27244, ECII, at its option, and within forty-five days of receipt, will repair, replace F.O.B. point of manufacture, or refund the purchase price of that part or product found by ECII to be defective. Failure of buyer to give such written notice and ship the product within thirty days shall be deemed an absolute and unconditional waiver of any and all claims of buyer arising out of such defect.

This warranty does not extend to any product or part that is not installed and used continuously after installation in accordance with ECII's printed instructions, all applicable state and local regulations, and all applicable national standards, such as those promulgated by NFPA, DOT and ANSI. This warranty does not extend to any product or part that has been damaged by accident, misuse, abuse, failure to maintain, or neglect, nor does it extend to any product or part which has been modified, altered, disassembled, or repaired in the field. This warranty does not cover any cosmetic issues, such as scratches, dents, marring, fading of colors or discoloration.

Except as expressly set forth above, and subject to the limitation of liability below, ECII MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, with respect to its products and parts, whether used alone or in combination with others. ECII disclaims all warranties not stated herein.

## LIMITATION OF LIABILITY

ECII's total liability for any and all losses and damages arising out of any cause whatsoever shall in no event exceed the purchase price of the products or parts in respect of which such cause arises, whether such cause be based on theories of contract, negligence, strict liability, tort or otherwise.

ECII shall not be liable for incidental, consequential or punitive damages or other losses. ECII shall not be liable for, and buyer assumes any liability for, all personal injury and property damage connected with the handling, transportation, possession, further manufacture, other use or resale of products, whether used alone or in combination with any other products or materials.

From time to time buyers might call to ask ECII for technical advice based upon limited facts disclosed to ECII. If ECII furnishes technical advice to buyer, whether or not at buyer's request, with respect to application, further manufacture or other use of the products and parts, ECII shall not be liable for such technical advice or any such advice provided to buyer by any third party and buyer assumes all risks of such advice and the results thereof.

NOTE: Some states do not allow the exclusion or limitation of incidental, consequential or punitive damages, so the above limitation or exclusion may not apply to you. The warranty gives you specific legal rights, and you may have other rights that vary from State to State. The portions of this limited warranty and limitation of liability shall be considered severable and all portions which are not disallowed by applicable law shall remain in full force and effect.

## NOTICE TO USERS OF PRODUCTS

The Limited Warranty stated above is a factory warranty to the first purchasers of ECII products. Since most users have purchased these products from ECII distributors, the user must within thirty (30) days after the user's discovery of what user believes is a defect, notify in writing and return the product to the distributor from whom he purchased the product/part. The distributor may or may not at the distributor's option choose to submit the product/parts to ECII, pursuant to this Limited Warranty. Failure by buyer to give such written notice within thirty (30) days shall be deemed an absolute and unconditional waiver of buyer's claim for such defects. Acceptance of any alleged defective product/parts by ECII's distributor for replacement or repairs under the terms of ECII's Limited Warranty in no way determines ECII's obligations under this Limited Warranty.

Because of a policy of continuous product improvement, ECII reserves the right to change designs, materials or specifications without notice.

## Foreword

This catalog describes a complete line of equipment available from Engineered Controls International, Inc. for use with LP-Gas and anhydrous ammonia (NH<sub>3</sub>). The following points are important to know for proper use of the catalog:

1. Illustrations and drawings of individual products are representative of "product groups" and all products within a product group are similar in construction.
2. Materials used for construction of products in this catalog are suitable for rated service pressure at temperatures of -40° F. to +165° F., unless otherwise specified.
3. Products in this catalog are only intended for use in LP-Gas and/or anhydrous ammonia service as follows.
  - a. "A" or "AA" prefix — Products with this prefix are suitable for NH<sub>3</sub> service (i.e., contain no brass parts).
  - b. "AA" prefix on relief valves — These valves are NOT suitable for use with LP-Gas service. These are of partial aluminum materials and are listed by Underwriters Laboratories (UL) for NH<sub>3</sub> service only.
  - c. All other products are suitable for use with LP-Gas service.
  - d. "SS" prefix—Hydrostatic relief valve with this prefix are suitable for NH<sub>3</sub> service (i.e., they have stainless steel materials).

### Caution

Do not use any product contained in this catalog with any service commodity other than LP-Gas or NH<sub>3</sub>. If you have a need for use of another application, contact Engineered Controls International, Inc., 100 RegO Drive, Elon, NC 27244, (336) 449-7707 before proceeding.

Proper application, installation and maintenance of products in this catalog are essential. Users of these products should obtain further information if there are any doubts or questions.

### Warning

All ECII® products are mechanical devices that will eventually become inoperative due to wear, corrosion and aging of components made of materials such as rubber. The environment and conditions of use will determine the safe service life of these products. Periodic inspection and maintenance are essential to avoid serious injury and property damage.

Many ECII® products are manufactured for storage, transport, transfer and use of toxic flammable and dangerous liquids and gases. Such substances should be handled by experienced and trained personnel only, using accepted governmental and industrial safety procedures. Never vent LP-Gas near any possible source of ignition.

### Notice

Installation, usage, and maintenance of all ECII® products must be in compliance with all Engineered Controls International, Inc. instructions as well as requirements and provisions of NFPA #54, NFPA#58, DOT, ANSI, and all applicable federal, state, provincial and local standards, codes, regulations, and laws.

Inspection and maintenance on a periodic basis is essential. Installation and maintenance should be performed only by qualified personnel.

Be sure all instructions are read and understood before installation, operation and service.

### Filters

ECII® LP-Gas equipment is designed to operate in a system free from contamination. A variety of in-line filters are commercially available to the LP-Gas industry for installation in domestic systems.

The use of an in-line filter should be considered when other system components may be unclean and the system contaminated by rust, scale, dirt, debris or other foreign material.

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## RegO Multivalve® Assemblies

### General Information

RegO Multivalves® were pioneered in the 1930's. By combining several valve functions in one unit, Multivalves® made possible new and more practical tank designs (fewer openings and smaller, less cumbersome protective hoods). They received immediate acceptance.

The Multivalve® design has kept pace with changing industry needs over the years. They are as popular as ever; still keeping fabricating costs down and reducing operating expenses for the LP-Gas dealer.

### RegO Multivalves® Reduce the Cost of Fabrication by

- Combining several valve functions in one less expensive body.
- Reducing the number of threaded openings in ASME containers.
- Diminishing the size and cost of protective hoods.
- Providing generous sized wrenching bosses for quick, easy installation.

### RegO Multivalves® Reduce LPG Dealer Expenses by

- Permitting on-site filling of 100 lb. to 420 lb. DOT cylinders, thus eliminating cylinder return and interrupted customer service.
- Providing well-placed hose connections for easy filling.
- Allowing ample space for secure attachment and easy removal of the regulator.
- Providing substantial savings of bonnet repairs on valves with the MultiBonnet®.

### RegO Multivalves® Satisfy Customer Demands for Tough, Safe Equipment with These Features

#### Heavy-Duty Valve Stem Seals —

- Tapered nylon disc in a fully confined seat resist deterioration and provide hand-tight closings over a long service life.

### Comprehensive Testing —

- Every Multivalve® must pass a stringent underwater leakage test prior to shipment.
- Multivalves® with pressure relief valves are individually tested and adjusted to assure proper pressure settings.
- Those equipped with excess flow checks are tested for compliance with published closing specifications and for leakage after closing.

### Pressure Relief Valves and Other Devices —

- Multivalves® equipped with integral pressure relief devices employ full-capacity, "pop-action" reliefs with set pressures of 250 psig for ASME use and 375 psig for DOT cylinders.

### Double Back-Check Filler Valves —

- Multivalves® with filling connections have double backcheck safety. If the upper check ceases to function, the lower stand-by check will continue to protect the filling connection from excessive leakage.

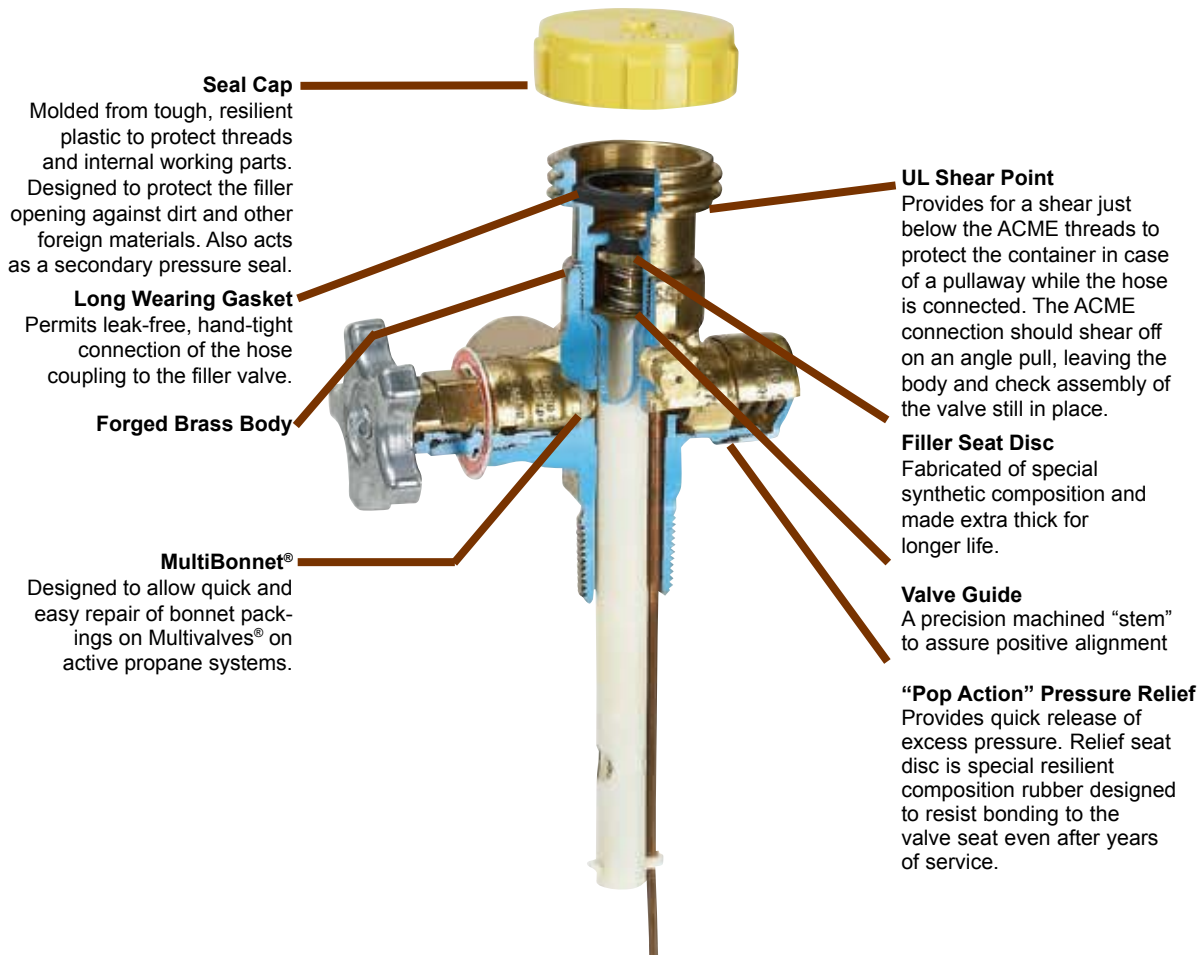
### Ease of Maintenance —

- Standardization of parts makes it possible for one repair kit to maintain the bonnet assemblies of RegO® cylinder valves, service valves, motor fuel valves, and Multivalves®.

### RegO Multivalves® fit every LP-Gas need.

- Wide selection of Multivalves® for domestic, commercial, and industrial needs are available.
- Multivalves® may be ordered with pressure relief, liquid level tube, filler valve, vapor equalizing valve, internal pipe connections, liquid filling and withdrawal connections, and ¼" NPT tapped opening for pressure gauge with or without steel plug.

## Design Features of RegO Multivalves®



## RegO Multibonnet® Assemblies

### Design Features of the MultiBonnet®

- Handwheel**  
Aluminum die cast handwheel.
- Non-Rising Stem**  
Designed to allow easy backseating and long service life.
- Upper Packing Assembly**  
Contains both internal and external o-rings. Provides leak resistant performance.
- Internal O-ring**
- Lower Bonnet and Stem Assembly**  
Machined brass construction offers durability to bonnet design.
- External O-ring**
- Nameplate**  
Provides easy identification of the RegO MultiBonnet®.
- Teflon Backseat**  
Provides for upper packing isolation when valve is fully open.
- Machined Double Lead Threads**  
Provides for quick opening and closing of the valve.
- Shut-off Seat Disc**  
Tapered nylon disc is retained in a fully confined seat that helps ensure positive shut-offs.



### Application

The MultiBonnet® is designed to allow quick and easy repair of bonnet packings in certain Multivalves® and service valves on active propane systems. It allows you to repair valve bonnet stem o-ring leaks in minutes, without interrupting gas service to your customers.

- Eliminates the need to evacuate tanks or cylinders to repair the MultiBonnet® packing.
- Two section design allows repair of MultiBonnet® assemblies on active propane systems without interruption in gas service or shutting off appliances downstream. This helps to prevent time consuming relighting of pilots, special appointments, and call backs.
- Cost of replacing the MultiBonnet® packing is only 1/3 as much as replacing a complete bonnet assembly—not including time cost savings, which can be substantial.

- Available on certain new Multivalves® and service valves as well as repair assemblies for many existing RegO® valves.
- UL listed as a component of valve assembly.

### Here's How The MultiBonnet® Works

- When the valve is fully open, only the lower stem will rise and backseat against the teflon washer which isolates the upper packing.
- This allows you to remove the upper packing nut, which contains the o-rings, and replace it while the valve is fully open and gas service not interrupted.

# ASME Multivalves® for Vapor Withdrawal G8475R Series

## Application

These Multivalves® are designed for use in single opening ASME containers equipped with a 2 1/2" M. NPT riser. They can be used with underground ASME containers up to 639 sq. ft. surface area, and above ground ASME containers up to 192 sq. ft. surface area. A separate opening is required for liquid withdrawal. The MultiBonnet® is standard on this valve.

## Features

- The most complete Multivalve® assembly in the LP-Gas industry.
- Combines double back check filler valve, vapor equalizing valve with excess flow, pressure relief valve with protective cap and chain, service line shut-off valve, fixed liquid level gauge, "junior" size float gauge flange opening and plugged pressure gauge opening in one unit.
- **Designed for installation of a 1/8" FNPT pressure gauge or pressure gauge connection. The pressure test port will communicate to the downstream side of the service valve.**
- Double back check filler valve has filling capacities matched to the high capacity pumps and meters on modern delivery trucks.
- Vapor equalizing valve with excess flow has increased capacity matched to the filler valve.
- Internal threads accommodate 2 1/2" M. NPT riser pipe connection and a 3/4" F. NPT connection for a customer furnished liquid baffle tube.
- MultiBonnet® allows quick and easy repair of bonnet.

## Materials

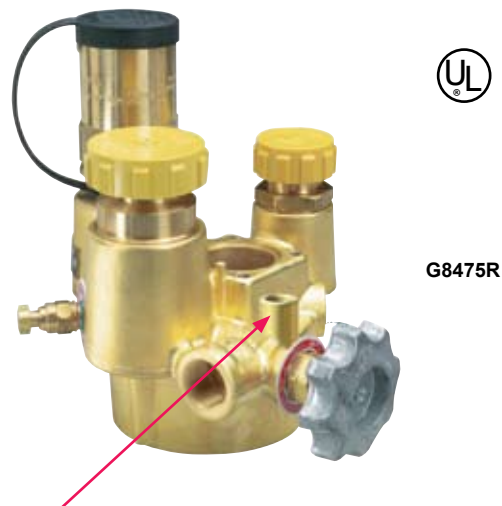
Body ..... Forged Brass  
Handwheel..... Aluminum Die Cast  
Valve Stems..... Brass  
O-Rings ..... Resilient Rubber  
Seat Disc (shut-off valve) ..... Nylon  
Seat Disc (other)..... Resilient Rubber  
Relief Spring..... Stainless Steel



## Ordering Information

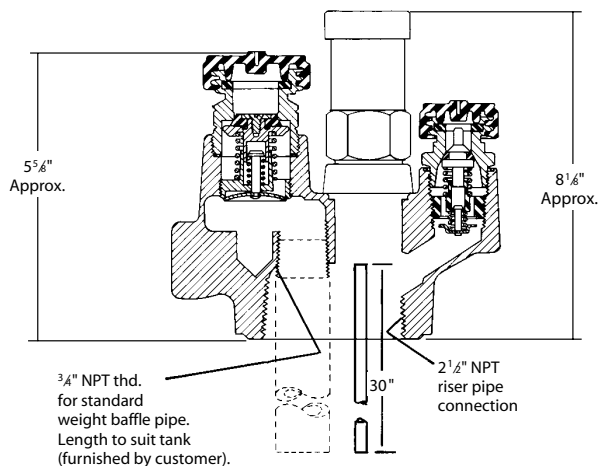
Part Number	Container Connection	Service Connection	Filling Connection	Vapor Equalizing Connection		Float Gauge Flange Opening	Fixed Liquid Level Vent Valve Style	Dip Tube Length	Pressure Relief Valve				For use in conatiners w/ surface are up to:
				Size	UL Listed Closing Flow				Setting	Part Number	Flow Capacity		
											UL	ASME	
G8475RV	2 1/2" F. NPT	F. POL (CGA 510)	1 3/4" M. ACME	1 1/4" M. ACME	4200 CFH @ 100 PSIG	Fits "JUNIOR" size	Knurled	30"	250 PSIG	M3131G	2020 SCFM, air	1939 SCFM, air	83 sq. ft. above ground
													276 sq. ft. under ground
G8475RW										MV3132G	3995 SCFM, air	n/a	192 sq. ft. above ground
													639 sq. ft under ground

\*Dip tube not installed, may be cut by customer to desired length.



G8475R

With the service valve closed the pressure port will be isolated from the container. This will allow a high pressure leak test to be conducted without disconnecting the pigtail from the service valve.



Part Number	Approximate Filling Rate Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
G8475RV	42	72	98	125
G8475RW				



# ASME Multivalves® for Vapor Withdrawal 8593AR

## Application

These Multivalves® provide vapor withdrawal and filling of ASME containers. A separate pressure relief valve is required in addition to this valve. The MultiBonnet® is standard on this valve.

## Features

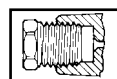
- Combines double back check filler valve, service valve, vapor equalizing valve with excess flow, fixed liquid level gauge and plugged pressure gauge opening in one unit.
- Includes plugged, 1/4" F. NPT gauge boss.
- "Y" shape configuration allows for ease of operation with all valves and gauges easily accessible at all times.
- Large 21/16" hex wrenching boss on center column provides ease of installation in tank coupling.
- MultiBonnet® allows quick and easy repair of bonnet.

## Materials

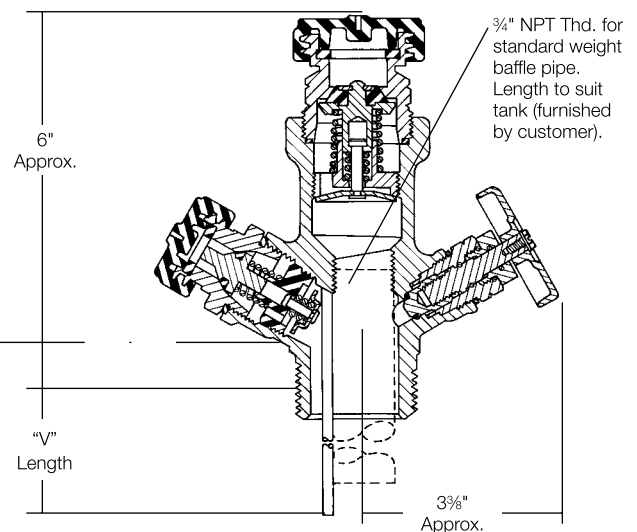
Body ..... Forged Brass  
Handwheel..... Aluminum Die Cast  
Valve Stem ..... Brass  
O-Ring ..... Resilient Rubber  
Seat Disc (shut-off valve) ..... Nylon  
Seat Discs (other)..... Resilient Rubber



8593AR



1/4" Steel Plug  
Installed



## Liquid Filling Rates

Part Number	Approximate Filling Rate Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
8593AR16.0	42	72	98	125

## Ordering Information

Part Number	Container Connection	Service Connection	Filling Connection	Vapor Equalizing Connection		Fixed Liquid Level Vent Valve Style	Dip Tube Length	For Use In Containers w/ Surface Area Up To:
				Connection Size	UL Listed Closing Flow			
8593AR16.0	1 1/2" M. NPT	F. POL (CGA 510)	1 1/4" M. ACME	1 1/4" M. ACME	4200 CFH at 100 PSIG	Knurled	16"*	**

\*Dip tube not installed, may be cut by customer to desired length.

\*\*Since these Multivalves® have no integral pressure relief valves, they can be used on any ASME container with an independent relief device sufficient for that tank's capacity.

# DOT Multivalve® for Liquid Withdrawal 8555DL

## Application

These Multivalves® permit liquid withdrawal from DOT cylinders with up to 100 lbs. propane capacity. They eliminate unnecessary cylinder handling when servicing high volume loads and allow on-site filling into the vapor space without interrupting gas service.

## Features

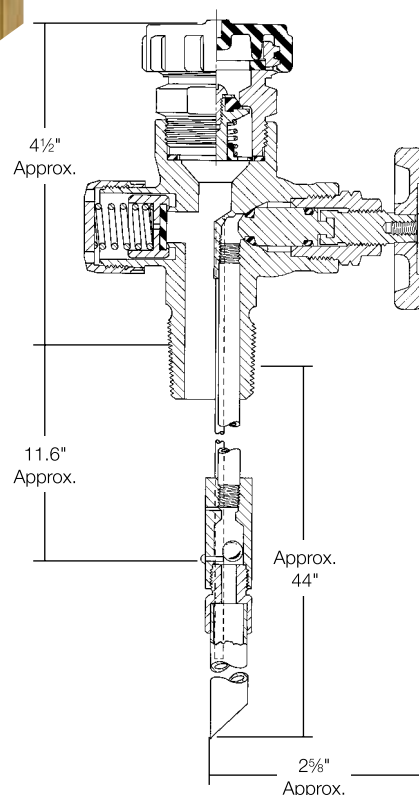
- Incorporates service valve, high capacity filler valve with integral back-check, fixed liquid level gauge, liquid withdrawal with excess flow check and pressure relief valve in one single unit.
- CGA 555 service connection minimizes accidental connection to vapor service systems.
- Furnished with 44" long, 1/2" O.D. brass liquid withdrawal tube.
- Liquid withdrawal tube incorporates a ball check excess flow valve that opens by allowing vapor, not liquid, to equalize pressure.
- 11/8" wrenching flats.

## Materials

Body .....	Forged Brass
Handwheel.....	Aluminum Die Cast
Valve Stems.....	Brass
O-Rings .....	Resilient Rubber
Seat Disc (shut-off valve) .....	Nylon
Seat Disc (others).....	Resilient Rubber
Relief Spring.....	Stainless Steel



8555DL



## Liquid Filling Rates

Part Number	Approximate Filling Rate Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
8555DL11.6	8	23	34	42

## Ordering Information

Part Number	Container Connection	Service Connection	Filling Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length w/ Deflector	Liquid Withdrawal Tube Length	Pressure Relief Valve Setting	For Use In Cylinders w/Propane Capacity Up To:	Liquid Closing Flow (LP-Gas)***
8555DL11.6	3/4" M. NGT	CGA 555*	1 1/4" M. ACME	Knurled	11.6"	44"	375 PSIG	100 lbs. **	1.7 GPM

\* Use adapter 12982 to connect to pipe threads.

\*\* Per CGA Pamphlet S-1.1.

\*\*\* To ensure proper functioning and maximum protection from integral excess flow valves, the cylinder valve should be fully opened and backseated when in use.



# DOT Multivalves® for Vapor Withdrawal 6555R, 8555D and 8555R Series

## Application

These Multivalves® permit vapor withdrawal. They allow for container filling without interrupting gas service.

The 6555R Series is designed for ASME containers with up to 25 ft<sup>2</sup> surface area or 60 gallons water capacity.

The 8555D and 8555R Series are designed for DOT cylinders with up to 200 lbs. propane capacity.

## Features

- Incorporates service valve, high capacity filler valve with integral back-check, fixed liquid level gauge and pressure relief valve in one single unit.
- Filler Valve is high capacity with integral back check.
- Heavy duty O-ring stem seal provides positive leak proof seal.
- Tapered nylon shut-off seat disc in fully confined seat ensures easy, leak-free, positive shut-off.
- 1 1/8" wrenching flats.
- The MultiBonnet® option allows quick and easy repair of bonnet.

## Materials

Body .....	Forged Brass
Handwheel.....	Aluminum Die Cast
Valve Stems.....	Brass
O-Rings .....	Resilient Rubber
Seat Disc (shut-off valve) .....	Nylon
Seat Disc (others).....	Resilient Rubber
Relief Spring.....	Stainless Steel



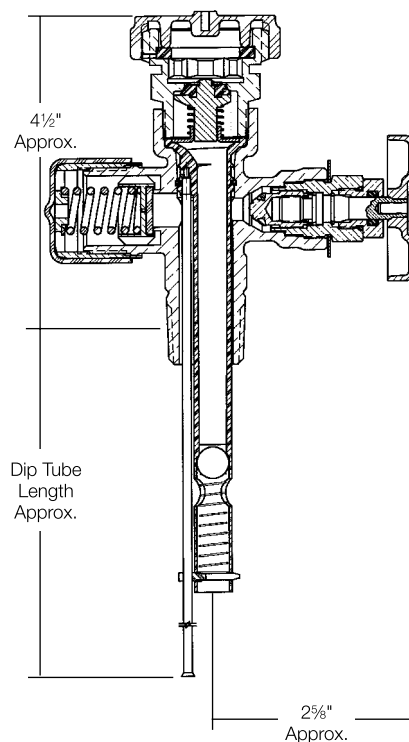
## Liquid Filling Rates

Part Number	Approximate Filling Rate Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
8555D Series	8	23	34	42
8555R Series				

## Ordering Information

Part Number	Bonnet Style	Application	For Use In Containers with Size Up To:	Dip Tube Length w/Deflector	Container Connection	Service Connection	Filling Connection	Fixed Liquid Level Vent Valve Style	Pressure Relief Valve		
									Setting	Flow Capacity*	
										UL Listing	ASME
6555R10.6	MultiBonnet®	ASME Containers	25 ft <sup>2</sup> surface area or 60 gallons water capacity	10.6"	3/4" M. NGT	F. POL (CGA 510)	1 1/4" M. ACME	Knurled	250 PSIG	793 SCFM, air	700 SCFM, air
6555R11.6	MultiBonnet®			11.6"							
6555R12.0	MultiBonnet®			12.0"							
8555D10.6	Standard	DOT Cylinders	200 lbs. Propane **	10.6"	3/4" M. NGT	F. POL (CGA 510)	1 1/4" M. ACME	Knurled	375 PSIG	n/a	n/a
8555R10.6	MultiBonnet®			10.6"							
8555D11.6	Standard			11.6"							
8555R11.6	MultiBonnet®										

\*Per CGA Pamphlet S-1.1.



# DOT and ASME Multivalves® for Vapor Withdrawal 6532, 6533, 6542 and 6543 Series

## Application

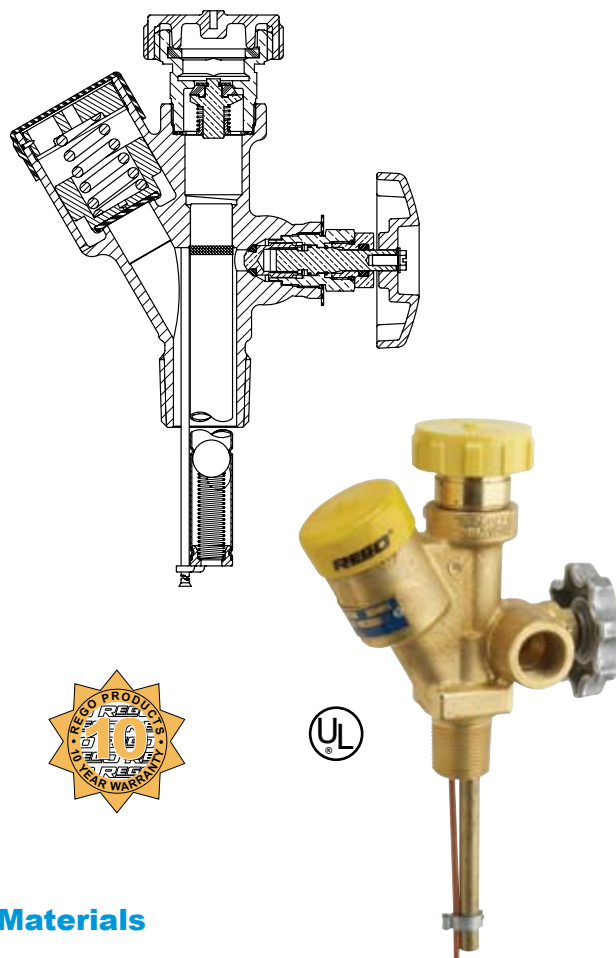
These Multivalves® permit vapor withdrawal from ASME containers up to 50 sq. ft. surface area and DOT containers up to 420 lbs. propane capacity. They allow on-site cylinder filling without interrupting gas service.

## Features 6542 and 6543

- Incorporates high capacity filler valve with double back checks, service valve, fixed liquid level gauge, pressure relief valve and built-in baffle tube into one compact unit.
- Higher filling capacity is combined with back check protection by placing the secondary back check at the bottom of the baffle tube, creating a larger flow area through the body.
- Pre-drilled hole in 1 1/4" wrenching flat accepts a drive screw for attaching relief cap and chain.

## Features 6532 and 6533

- Similar but smaller than the 6542 and 6543, these are generally used for replacement on existing containers with 3/4" NGT openings.
- Secondary back check placed in the body of the valve to help minimize reverse flow in the event the upper back check shears off or requires replacement.
- The MultiBonnet® option allows quick and easy repair of bonnet.



## Materials

Body ..... Forged Brass  
Handwheel..... Aluminum Die Cast  
Valve Stems..... Brass  
O-Rings..... Resilient Rubber  
Seat Disc (shut-off valve) ..... Nylon  
Seat Disc (others)..... Resilient Rubber  
Relief Spring..... Stainless Steel

## Liquid Filling Rates

Part Number	Approximate Filling Rate -- Liquid Flow, GPM			
	Pressure Drop Across Valve			
	10 PSIG	25 PSIG	50 PSIG	100 PSIG
6532A12.0/6532R12.0	11	16	23	28
6542A12.0/6542R12.0	23	32	46	57
6533A10.5/6533R10.5	11	16	23	28
6533A11.7/6533R11.7				
6543A11.1/6543R11.1	23	32	46	57
6543A11.7/6543R11.7				

## Ordering Information

Part Number	Bonnet Style	Application	Container Connection	Service Connection	Filling Connection	Fixed Liquid Level Vent Valve Style	Dip Tube Length with Deflector	Pressure Relief Valve Setting	For Use In Cylinders w/Propane Capacity Up To:**	For Use In Containers w/Surface Area Up To:***	
6532A12.0	Standard	ASME*	¾" M. NGT	F. POL (CGA 510)	1¾" M. ACME	Knurled	12.0"	250 PSIG	-	43 sq. ft.	
6532R12.0	MultiBonnet®		1" M. NGT							53 sq ft.	
6542A12.0	Standard						DOT	¾" M. NGT	10.5"		375 PSIG
6542R12.0	MultiBonnet®		1" M. NGT								
6533A10.5	Standard	11.7"									
6533R10.5	MultiBonnet®										
6533A11.7	Standard										
6533R11.7	MultiBonnet®										
6543A11.1	Standard										
6543R11.1	MultiBonnet®										
6543A11.7	Standard										
6543R11.7	MultiBonnet®										
6543R11.7	MultiBonnet®										

\* UL rated flow capacities are: 6532A12.0-1180 SCFM/air, 6542A12.0-1530 SCFM/air.

\*\* Per CGA Pamphlet S-1.1.

\*\*\* From NFPA, Appendix D.

# ASME Multivalves® for Vapor Withdrawal 7556R

## Application

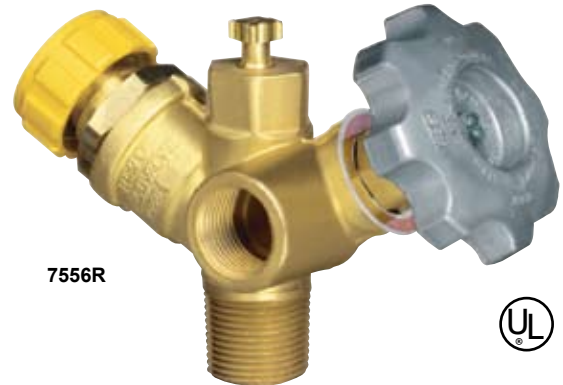
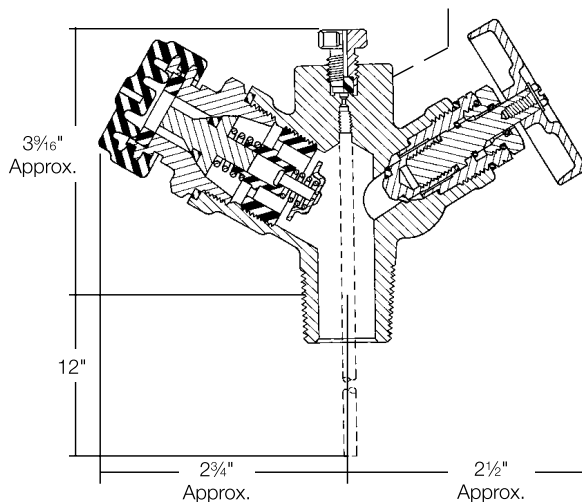
These compact Multivalves® are especially suited for vapor withdrawal of ASME containers where compact groupings of components are necessary. Separate filler valves and pressure relief valves are required.

## Features

- Combines service valve, vapor equalizing valve with excess flow, fixed liquid level gauge and plugged pressure gauge opening in one unit.
- Rugged, 1" wrenching boss on center column minimizes possible damage during installation.
- Low profile design extends only 3" above the container boss, allowing use of smaller domes.
- "Y" shape configuration allows for ease of operation with all valves and gauges easily accessible at all times.
- Designed for installation of a 1/8" FNPT pressure gauge or pressure gauge connection. The pressure test port will communicate to the downstream side of the service valve.
- MultiBonnet® allows quick and easy repair of bonnet.

## Materials

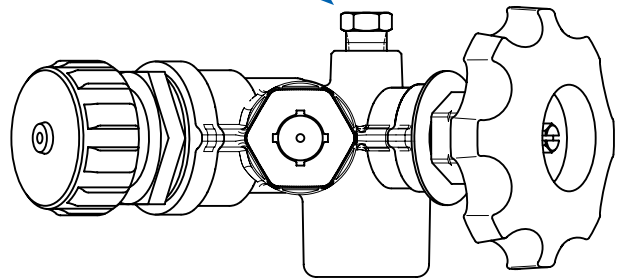
Body .....	Forged Brass
Handwheel.....	Aluminum Die Cast
Valve Stems.....	Brass
O-Rings .....	Resilient Rubber
Seat Disc (shut-off valve) .....	Nylon
Seat Disc (others).....	Resilient Rubber



7556R

**New Style 7556R Series with 1/8" FNPT pressure test port.**

**1/8" F-NPT Pressure Test Port is isolated from the container when the service valve is closed.**



**With the service valve closed the pressure test port will be isolated from the container. This will allow a high-pressure leak test to be conducted without disconnecting the pigtail from the service valve.**



## Ordering Information

Part Number	Container Connection	Service Connection	Vapor Equalization Connection		Fixed Liquid Level Vent Valve Style	Dip Tube Length	For Use In Containers w/ Surface Area Up To:
			Connection Size	UL Listed Closing Flow			
7556R12.0	3/4" M. NGT	F. POL (CGA 510)	1 1/4" M. ACME	4200 CFH @ 100 PSIG	Knurled	12"***	*

\* Since these Multivalves® have no integral pressure relief valves, they can be used on any ASME container with an independent relief device sufficient for that tank's capacity.

\*\* Other tube lengths available.

## Warning Notice

The following warning information, Part Number 903-500, is included with each shipment of cylinder valves and service valves to the first purchaser of the product from the factory.

This information is intended to be forwarded throughout the product distribution chain. Additional copies are available from Engineered Controls International, Inc. and Authorized Product Distributors.

<p><b>DANGER</b></p> <p>LP-GAS IS EXTREMELY FLAMMABLE AND EXPLOSIVE</p> <p>AVOID SERIOUS INJURY AND PROPERTY DAMAGE. IF YOU SEE, SMELL, OR HEAR ESCAPING GAS ... EVACUATE AREA IMMEDIATELY! CALL YOUR LOCAL FIRE DEPARTMENT! DO NOT ATTEMPT TO REPAIR. DO NOT STORE IN BUILDING OR ENCLOSED AREA. DO NOT USE ON HOT AIR BALLOONS OR AIRCRAFT.</p> <p>Make sure you are thoroughly trained before you attempt any valve installation, maintenance, or repair. Improper conditions or procedures can cause accidents resulting in property damage and personal injury. Become thoroughly familiar with NPGA Safety Pamphlet 306-79 "LP-Gas Regulator and Valve Inspection &amp; Maintenance" and ECII Safety Warnings WB-2 "LP-Gas Cylinder Valves", WB-3 "LP-Gas Excess Flow Valves", and WB-4 "LP-Gas Filler Valves and Hose End Filling Valves." Follow their recommendations.</p> <p>Know and understand NFPA Pamphlet 58 "Storage and Handling Petroleum Gases," which is the law in many states. This publication is available from NFPA, Batterymarch Park, Quincy, MA 02269. Following its requirements is essential in the safe use of LP-Gas. Section 15 states that "In the interests of safety, all persons employed in handling LP-Gases shall be trained in proper handling and operating procedures."</p> <p>Make sure this valve is the proper one for this installation. Avoid misusing LP-Gas equipment.</p> <p>Apply thread joint compound compatible with LP-Gas on valve external threads only. Make sure compound never comes into contact with other parts of the valve.</p> <p>Install valves by applying force to wrenching flats only.</p> <p>Tighten pipe threads approximately 1 to 1 1/2 turns beyond the hand-tight insertion point using a wrench which avoids damage to other valve parts.</p> <p>Check for damage and proper operation after valve installation. Check that the valve is clean and free of foreign material.</p> <p>Check container-valve connection with a non-corrosive leak detection solution before filling with LP-Gas.</p> <p>Purge container before filling with LP-Gas (refer to the ECII LP-Gas Serviceman's Manual for recommended procedure).</p> <p>Test excess flow check valve for proper operation before placing into service. See NPGA Bulletin 113-78 for recommended procedure.</p> <p>Check outlet connection make-up for leaks with a non-corrosive leak detection solution when placing into service.</p> <p>If container is not being placed into service at the present time, insert a plug or cap onto the outlet connection.</p> <p>In selecting a label for posting at the installation site, consider ECII 903-400 or 901-400 along with your own, NPGA's and others.</p> <p>Remember to instruct the owner/user/customer in safety matters concerning LP-Gas and this equipment.</p> <p>Engineered Controls International, Inc., ECII requests that this information be forwarded to your customers. Additional copies are available from ECII and your Authorized Product Distributor.</p>	<p><b>READ THIS FIRST</b></p>	<p><b>WARNING</b></p>
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**ECII** Engineered Controls International, Inc.

100 RegO Drive PO Box 247 Elon, NC 27244 USA Phone (336) 449-7707 Fax (336) 449-6594

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Warning 903-500

Telex 253204

## Cross Reference by Part Number

6532A12.0 .....	C10	6555R10.6 .....	C9
6532R12.0 .....	C10	6555R11.6 .....	C9
6533A10.5 .....	C10	6555R12.0 .....	C9
6533A11.7 .....	C10	7556R12.0 .....	C11
6533R10.5 .....	C10	G8475RV .....	C6
6533R11.7 .....	C10	G8475RW .....	C6
6542A12.0 .....	C10	8555D10.6 .....	C9
6542R12.0 .....	C10	8555D11.6 .....	C9
6543A11.1 .....	C10	8555DL11.6 .....	C8
6543A11.7 .....	C10	8555R10.6 .....	C9
6543R11.1 .....	C10	8555R11.6 .....	C9
6543R11.7 .....	C10	8593AR16.0 .....	C7