

ASME Multivalves® for Vapor Withdrawal



8593R16.0



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.

Ordering Information

Item Number	Container Connection	Service Connection	Filling Connection	Vapor Equalizing Connection Size	Repair Kit	Fixed Liquid Level Vent Valve Style	Dip Tube Length	Containers w/Surface Area Up To:
8593R16.0	1-1/2" M. NPT	F. POL (CGA 510)	1-3/4" M. ACME	1-1/4" M. ACME	19104-50	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

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.

8555DL 11.6



Ordering Information

Item 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	Repair Kit	Liquid Closing Flow (LP-Gas)**
8555DL11.6	3/4" M. NGT	CGA 555*	1-3/4" M. ACME	Knurled	11.6"	44"	375 PSIG	19100-50B	1.7 GPM

* Use adapter 12982 to connect to pipe threads.

** 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

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 ft² surface area or 60 gallons water capacity.

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

6555R,
8555D
and
8555R
Series



Ordering Information

Item 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	Repair Kit
6555R10.6	MultiBonnet®	ASME Containers	25 ft ² surface area or 60 gallons water cap.	10.6"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	250 PSIG	19104-50
6555R11.6	MultiBonnet®	ASME Containers	25 ft ² surface area or 60 gallons water cap.	11.6"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	250 PSIG	19104-50
6555R12.0	MultiBonnet®	ASME Containers	25 ft ² surface area or 60 gallons water cap.	12.0"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	250 PSIG	19104-50
8555D10.6	Standard	DOT Cylinders	200 lbs. Propane**	10.6"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	375 PSIG	19100-50B
8555R10.6	MultiBonnet®	DOT Cylinders	200 lbs. Propane**	10.6"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	375 PSIG	19104-50
8555D11.6	Standard	DOT Cylinders	200 lbs. Propane**	11.6"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	375 PSIG	19100-50B
8555R11.6	MultiBonnet®	DOT Cylinders	200 lbs. Propane**	11.6"	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	375 PSIG	19104-50

** Per CGA Pamphlet S-1.1.

DOT and ASME Multivalves® for Vapor Withdrawal



**6532, 6542, 6533
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.

Ordering Information

Item 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	Repair Kit
6532A12.0	Standard	ASME*	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	12.0"	250 PSIG	19100-50B
6532R12.0	MultiBonnet®	ASME*	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	12.0"	250 PSIG	19104-50
6542A12.0	Standard	ASME*	1" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	12.0"	250 PSIG	19100-50B
6542R12.0	MultiBonnet®	ASME*	1" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	12.0"	250 PSIG	19104-50
6533A10.5	Standard	DOT	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	10.5"	375 PSIG	19100-50B
6533R10.5	MultiBonnet®	DOT	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	10.5"	375 PSIG	19104-50
6533A11.7	Standard	DOT	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	11.7"	375 PSIG	19100-50B
6533R11.7	MultiBonnet®	DOT	3/4" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	11.7"	375 PSIG	19104-50
6543A11.1	Standard	DOT	1" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	11.1"	375 PSIG	19100-50B
6543R11.1	MultiBonnet®	DOT	1" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	11.1"	375 PSIG	19104-50
6543A11.7	Standard	DOT	1" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	11.7"	375 PSIG	19100-50B
6543R11.7	MultiBonnet®	DOT	1" M. NGT	F. POL (CGA 510)	1-3/4" M. ACME	Knurled	11.7"	375 PSIG	19104-50

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

ASME Multivalves® for Vapor Withdrawal

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.



G8475R Series

Ordering Information

Item Number	Container Connection	Service Connection	Filling Connection	Vapor Equalizing Connection	Repair Kit	Float Gauge Flange Opening	Fixed Liquid Level Vent Valve Style	Dip Tube Length	Pressure Relief Valve			For Use In Containers w/Surface Area Up To:
									Setting	Flow Capacity		
G8475RV	2-1/2" F. NPT	F. POL (CGA 510)	1-3/4" M. ACME	1-1/4" M. ACME	19104-50	Fits "Junior" Size	Knurled	30**	250 PSIG	2020 SCFM, air	1939 SCFM, air	83 sq. ft. Above ground 276 sq. ft. Underground
G8475RW	2-1/2" F. NPT	F. POL (CGA 510)	1-3/4" M. ACME	1-1/4" M. ACME	19104-50	Fits "Junior" Size	Knurled	30**	250 PSIG	3995 SCFM, air	n/a	192 sq. ft. Above ground 639 sq. ft. Underground

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

MULTIVALVES & PRESSURE RELIEF VALVES

Rego

ASME Multivalves® for Vapor Withdrawal



7556R12.0

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.

Ordering Information

Item Number	Container Connection	Service Connection	Vapor Equalizing Connection Size	Repair Kit	Fixed Liquid Level Vent Valve Style	Dip Tube Length	For Use In Containers w/Surface Area Up To:
7556R12.0	3/4" M. NGT	F. POL (CGA 510)	1-1/4" M. ACME	19104-50	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.

Fully Internal "Pop-Action" Pressure Relief Valves for Transports and Delivery Trucks

Application

Designed specifically for use as a primary relief valve in ASME transports and delivery trucks with 2" and 3" NPT couplings.

Ordering Information

Item Number	Start To Discharge Setting PSIG	Container Connection	Flow Capacity SCFM/Air		Suitable for Tanks with Surface Area Up To:*	Protective Cap (Included)
			UL (At 120% of Set Pressure)	ASME (At 120% of Set Pressure)		
A8434N**	265	2" M. NPT	3700	3659	175 sq. ft.	A8434-11B
A8434G	250	2" M. NPT	3700	3456	175 sq. ft.	A8434-11B
A8436N**	265	3" M. NPT	10210	9839	602 sq. ft.	A8436-11B
A8436G	250	3" M. NPT	10210	9598	602 sq. ft.	A8436-11B



A8434 and A8436 Series

* Per NFPA 58, Appendix D. Area shown is for UL or ASME flow rating — whichever is larger.

** For NH₃ service.

Semi-Internal "Pop-Action" Pressure Relief Valves for ASME Containers

Application

Designed for use as a primary relief valve on ASME containers such as 250, 500 and 1,000 gallon tanks. Underwriters' Laboratories lists containers systems on which these types of valves are mounted outside the hood without additional protection, if mounted near the hood and fitted with a protective cap.

Ordering Information

Item Number	Start To Discharge Setting PSIG	Container Connection M. NPT	Flow Capacity SCFM/Air		Suitable for Tanks with Surface Area Up To:*	Protective Cap (Included)
			UL (At 120% of Set Pressure)	ASME (At 120% of Set Pressure)		
7583G	250	3/4"	1980	1806	80 sq. ft.	7583-40X
8684G	250	1"	2620	2565	113 sq. ft.	8684-40
8685G	250	1-1/4"	4385	4035	212 sq. ft.	7585-40X



7583, 8684 and 8685 Series

* Per NFPA 58, Appendix D. Area shown is for UL or ASME flow rating — whichever is larger.