

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

## Application

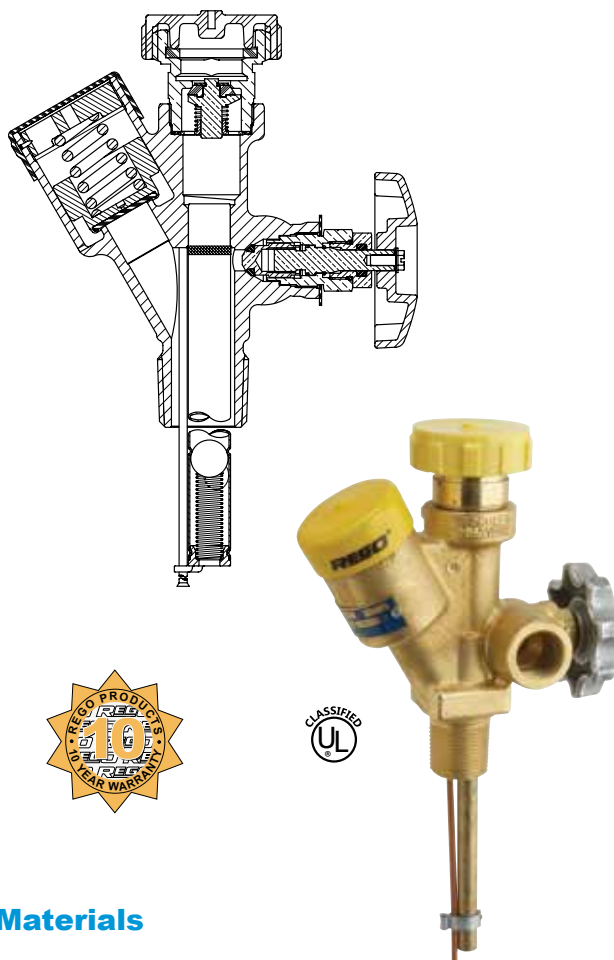
These Multivalves® permit vapor withdrawal from ASME containers up to 50 sq. ft. surface area and DOT containers up to 420 lbs. propane capacity. They allow on-site cylinder filling without interrupting gas service.

## 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 1¼" 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 ¾" 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)	1¼" M. ACME	Knurled	12.0"	250 PSIG	-	43 sq. ft.
6532R12.0	MultiBonnet®									
6542A12.0	Standard		1" M. NGT							53 sq ft.
6542R12.0	MultiBonnet®									
6533A10.5	Standard	DOT	¾" M. NGT				375 PSIG	420 lbs. Propane	-	
6533R10.5	MultiBonnet®									
6533A11.7	Standard									1" M. NGT
6533R11.7	MultiBonnet®									
6543A11.1	Standard									
6543R11.1	MultiBonnet®									
6543A11.7	Standard		11.7"							
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.