

5″ Push Style Vapor Recovery Valve

The Betts 5″ Push-style Vapor Recovery Valve provides positive venting for bottom loading or unloading a cargo tank and is designated as a vapor recovery valve. It does **NOT** meet the less-than-a-liter leakage requirements of 49CFR§178.345-10(b)(3)(ii) and therefore cannot be used as a pressure relief device on DOT 406, 407, or 412 cargo tanks.

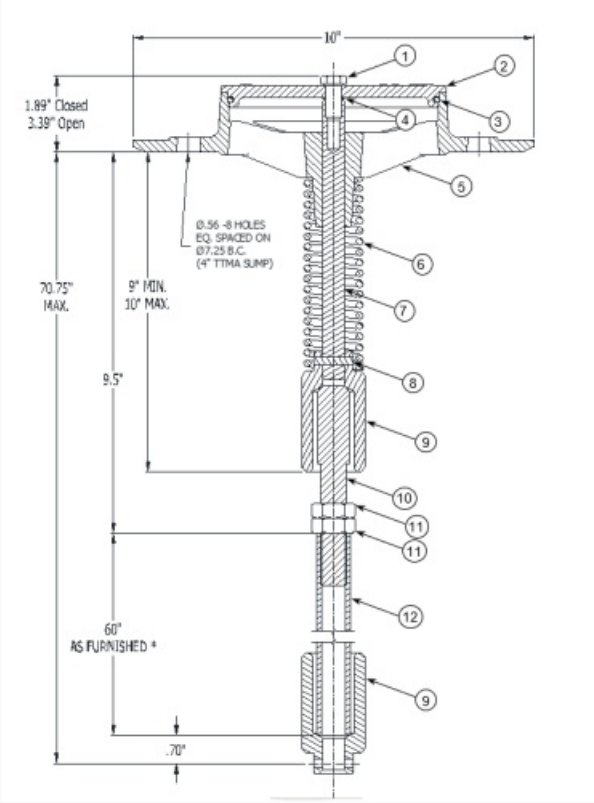
The vapor recovery valve mounts to a standard 4″ sump and must be located directly above the emergency valve and in an area protected by the tank's rollover damage protection device (overturn rails). The vapor recovery valve is mechanically actuated via a push rod extending from the top of the emergency valve.

The vapor recovery valve should have an emission collection hood securely mounted to the vapor valve flange. The outlet of the hood should be connected to the vapor collection system of the cargo tank to ensure a closed loop system that contains all vapors. See section 24 page 1A for emission collection hoods.

The vapor recovery valve is constructed of aluminum with stainless steel trim. The assembly includes a threaded adjustment fitting, a 60″ aluminum push rod and an adapter to fit up with the Emergency Valve.

Note: Adapter to fit Wheaton emergency valve with .5 x 20 UNF thread is p/n 16963AL.

Assembly Number	Description	Material	Mounting Flange	Weight
PV46186ALTS	5” Push Style Vapor Recovery Valve	Aluminum with Stainless Trim and FEP Encapsulated Seat	8 holes Ø .56 on Ø7.25 B.C. (4” Sump)	6.4 lbs [2.9 kg]
PV46186ALTS008	5” Push Style Vapor Recovery Valve with Brass Screen	Aluminum with Stainless Trim, FEP Encapsulated Seat and Brass Screen	8 holes Ø .56 on Ø7.25 B.C. (4” Sump)	6.6 lbs [3.0 kg]





Emission Collection Hood

EB-2-03: Cable Emergency Valve System Schematic.