

Safety Drum Vents and Fill Vents

Prevent dangerous failure of drums storing flammables by using safety vents

- Relieve pressure build-up due to heat.
- Provide vacuum relief during sudden cooling or liquid drain-off.
- Fits either 2-in (51-mm) or 3/4-in (19-mm) bung opening on 30- or 55-gal (110- or 200-L) drums.

Provide emergency pressure venting in the event of a fire to avoid drum failure and catastrophic consequences. All safety drum vents automatically relieve pressure between 3 and 8 psi (30 to 55kPa) and include a flame arrester to absorb and safely dissipate heat. Valve within the vent is tested to allow 61 cubic inch (1-L) of water through a 3/8-in (9.5-mm) pipe nipple in less than 6 seconds for vacuum relief during drum dispensing operations. Vacuum relief permits smooth liquid flow and prevents possible drum collapse and leakage. Vacuum relief is automatic on vertically-installed vents and manual on horizontally-installed vents.

Justrite's Aerovent™ fits a 2-in (51-mm) vertically-stored drum and has the same protection features of auto venting, auto vacuum relief, and a flame arrester as found in Justrite's traditional safety vents—with the addition of a replaceable filter to control fugitive emissions. Brass body with an activated carbon filter adsorbs vapors and captures VOCs to keep them from escaping into the atmosphere during the exhale cycle. Use replacement filters when filter reaches full capacity or odors are present (approximately 90-120 days).

Safety fill vents and funnels fit the 2-in (51-mm) bung on a vertically-stored drum. The brass vent provides automatic pressure and vacuum relief, and includes a brass cap with safety chain tethered to the vent to prevent misplacement or loss. Remove cap during drum filling operations. Model no. 08211 includes a 9-in (229-mm) wide polyethylene funnel to facilitate solvent waste disposal and reduce spillage. Keep vent capped in closed position after filling operations to prevent flammable vapor from escaping. Six-inch (152-mm) flame arrester safely dissipates heat and prevents flashback from external ignition sources.



Avoid dangerous pressure build-up by installing safety vents in horizontally- or vertically-stored drums of flammable liquids.

Global Protection
Justrite products are available worldwide. For pricing and availability, simply contact the authorized distributor nearest you.



For Horizontally-Stored Drums



For Vertically-Stored Drums



Safety Drum Vents

Description	Vacuum Relief	NPT/NPS	Approv/Lstg Regulation	Model No	Ship Wt lb/kg
Brass vertical vent for petroleum-based applications	Auto	2 in (DN50)	FM	08101	2/1
Brass vertical vent assembly for 0.75 in (DN20) bung		0.75 in (DN20)		08102	
Nonmetallic vertical vent, plated steel flame arrester, for petroleum based applications		08005			
Nonmetallic vertical vent, stainless steel flame arrester for chlorinated solvents		08006			
Brass horizontal vent for petroleum-based applications		08300			
Stainless steel horizontal vent for corrosives and general solvents	Manual	2 in (DN50)	08306		
Cast-iron EL fitting for mounting vent nos. 08101 or 08006 in 2 in (DN50) bung opening	—	—	—	08011	—
Cast-iron EL fitting for mounting vent nos. 08101 or 08006 in 0.75 in (DN20) bung opening	—	—	—	08015	—
Aerovent™ brass drum vent for 2 in (DN50) bung with filter and one extra replacement filter	Auto	2 in (DN50)	FM	28206	12/6
Aerovent™ brass drum vent for 0.75 in (DN20) bung with filter and one extra replacement filter		0.75 in (DN20)		28207	10/5
Replacement filter (2-pack) for Aerovent™ drum vent	—	—	—	28198	3/2

Safety Fill Vents and Funnels

Description	Vacuum Relief	NPT/NPS	Approv/Lstg Regulation	Model No	Ship Wt lb/kg
Fill vent with 9 in (229 mm) in polyethylene funnel, 6 in (152 mm) flame arrester	Auto	2 in (DN50)	FM	08211	4/2
Fill vent with 6 in (152 mm) flame arrester				08204	
Polyethylene funnel only (no flame arrester)	—	—	—	08213	2/1

