

Trailer/Tank Mounted Air Relief Valves

Vacuum Relief Valves

Application:	Designed specifically for use on trailer tanks containing dry bulk products. If a system blockage were to occur the valves are designed to open to atmosphere to help prevent the tank from imploding.
Standards:	These valves come with a set vacuum tolerance of +/-0.5 HG, available in 3 body sizes: <ul style="list-style-type: none"> • 1½" male NPT outlet (tank connection) x 1½" female NPT inlet (atmosphere) • 2" male NPT outlet (tank connection) x 2" female NPT inlet (atmosphere) • 3" female NPT outlet (tank connection) x 3" female NPT inlet (atmosphere)
Materials:	Bayloy body and bronze poppet
Features & Benefits:	<ul style="list-style-type: none"> • Available with a variety of vacuum settings, see chart below for model specific available vacuum settings. Customer should request set vacuum at time of order. • Relieving capacity (SCFM) varies deponent upon model and vacuum setting. See chart below, or for specific relief rates please refer to our website or contact Dixon. • Installed bolt seal deters tampering • Bayloy body eliminates thread galling



1120



2120



3120

Valve Series	Valve Outlet (Tank Connection)	Valve Inlet (Atmosphere)	Available Factory Set Vacuum Range (HG) ¹	Set Vacuum Tolerance (HG)	Relieving Capacity (SCFM) ²
1120-xx	1½" male NPT outlet (tank connection)	1½" female NPT inlet (atmosphere)	6 to 24	+/- 0.5 HG	175 to 420
2120-xx	2" male NPT outlet (tank connection)	2" female NPT inlet (atmosphere)	5 to 24	+/- 0.5 HG	280 to 600
3120-xx	3" female NPT outlet (tank connection)	3" female NPT inlet (atmosphere)	11 to 25	+/- 0.5 HG	700 to 1350

¹ request the required vacuum setting when ordering (xx refers to choice of vacuum setting)

² relieving capacity (SCFM) varies with set vacuum, for specific rates please refer to our website or contact Dixon

