

The Automatic Air Release Valve is designed to release air from a self priming pump while it is priming. After the pump has primed and is beginning to deliver liquid, the valve closes to restrict by-pass flow. When the pump stops, the valve automatically opens and is ready for the next priming cycle.

Valve Specification

Size: 1" (25.44mm) x 1" (25.44mm) N.P.T.
Female

Valve Body: Class 30 Grey Iron also available in
Stainless Steel 316

Plunger Rod: Stainless Steel No. 302

O-Rings: Buna-N

**Compression
Spring:** Stainless Steel No. 302

Retaining Washer: Stainless Steel No. 304

Inspection Cover: Class 30 Grey Iron

Diaphragm: Buna-N

**Hardware –
Internal Wetted:** Stainless Steel 18-8

**Hardware -
External:** Standard Plated Steel

Weight: 26.5 lbs (12Kg)



Please note that Air Release Valves are available with 3 different spring compression weights. Please select the Spring Compression you require for your application and order using the correct valve part number.

Application Data

Valve Part Number	Pump Discharge Head	Spring Compression	Spring Color
32200144	4-17ft (1.2-5.2m)	10 lbs (4.6 Kg)	Red
32200140	18-49ft (5.5m-14.9m)	25 lbs (11.3 Kg)	No Color
32200145	50ft+ (15.2m+)	80 lbs (36.3 Kg)	Black