

Products for Blowers

Blower Air Relief Valves

Application:	Designed specifically for use on tractor mounted air blowers. The 2182 air relief valves have a temperature compensated pressure relief setting to accommodate the high temperatures and dynamic air produced by the blower. If a system blockage were to occur, the valves are designed to vent to atmosphere once the valve pressure setting is achieved.
Standards:	<ul style="list-style-type: none"> • The 2182 valve will relieve at the ordered set pressure at a temperature of 400°F (204°C). • At room temperature 73°F (22°C) the 2182 valve will relieve approximately 4 PSI higher than the ordered set pressure. • The product label shows the set relief pressure at the blower operating temperature, plus the relief pressure at 73°F (22°C) (for testing purposes). Depending on the blower type, amount of vibration, and operating temperature a difference of observable set pressure may occur. Example: 2182-18 is set to relieve at 18 PSI while at operating temperature. This same valve will test at 22 PSI while at room temperature on a test bench. Both set points are listed on the label. • Available with 2" male or female NPT connections
Materials:	Aluminum anodized hard coat body, white food grade silicone poppet and diaphragm
Features & Benefits:	<ul style="list-style-type: none"> • The popular pressure setting for truck mounted blowers is 20 PSI. Valves are available for other applications with temperature compensated pressure settings of between 3 PSI and 24 PSI. Customer should request set pressure at time of order. • High relieving capacity varies between 800 SCFM and 1700 SCFM depending upon the chosen set pressure; for specific relief rates please refer to our graph on page 7 or contact Dixon®. • Installed cup seal deters tampering • Anodized aluminum body reduces thread galling

Dry Bulk Products



2182F



2182

Part #	Connection
2182F/xx	2" NPTF air relief valve with special factory setting, see note xx below
2182F/18	2" NPTF air relief valve 18 PSI setting
2182F/20	2" NPTF air relief valve 20 PSI setting
2182/xx	2" NPTM air relief valve with special factory setting, see note xx below
2182/18	2" NPTM air relief valve 18 PSI setting
2182/20	2" NPTM air relief valve 20 PSI setting

- Request the required pressure setting when ordering (xx refers to choice of pressure setting).
- See chart on page 6 for factory pressure range offered.
- See page 21 for air relief testing equipment