

BLOWER AIR RELIEF VALVE FEMALE NPT



* Referential image

** Some features may vary without prior notice. Sale subject to inventory availability

DATE

: 04/25/2026 12:04 AM

SKU

: 25805

BRAND

: DIXON VALVE

MODEL

: 2182F/23

Applications:

Designed specifically for use on tractor mounted air blowers. The 2181 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.

Features:

High relieving capacity varies between 800 SCFM and 1700 SCFM depending upon the chosen set pressure.

Installed cup seal deters tampering

Anodized aluminum body reduces thread galling

Construction:

Aluminum anodized hard coat

White food grade silicone poppet and diaphragm

Note:

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.

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 blow 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.

Safety notes:

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

| | |
|----------------------------|----------|
| Female Thread | NPT |
| Female Thread Size | 2" |
| Material | Aluminum |
| Factory Part Number | 2182F/23 |
| Weight Lb | 4.5100 |
| Pressure Setting | 23 PSI |