# BLOWER AIR RELIEF VALVE FEMALE NPT




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

DATE
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SKU
: 25803

BRAND
: DIXON VALVE

MODEL
: 2182F/21

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.



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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/21 |
| **Weight Lb** | 4.5100 |
| **Pressure Setting** | 21 PSI |



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