

## 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  
: 25812

BRAND  
: DIXON VALVE

MODEL  
: 2182F/9

### 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](http://www.P65Warnings.ca.gov)

## TECHNICAL SPECIFICATIONS

<b>Female Thread</b>	NPT
<b>Female Thread Size</b>	2"
<b>Material</b>	Aluminum
<b>Factory Part Number</b>	2182F/9
<b>Weight Lb</b>	4.5100
<b>Pressure Setting</b>	9 PSI