

# Air / Pressure Relief Valves

- Designed to relieve air pressure at a specific pressure setting (customer to advise when ordering - typical setting **15-25 PSI**)  
*Refers to the choice of pressure settings provided. Customer needs to request the required settings when ordering.*
- Air Relief Flow Rates:
  - A2180** up to 500 SCFM
  - A2182** up to 1400 SCFM
  - A3180** up to 1300 SCFM
- All 2180 and 2182 series valves use white food grade, high temperature elastomer diaphragms.
- Tamper proof safety is improved by replacing old wire/lead seals with new cup seals which are more secure.
- In the US the customer can choose the preset pressure tolerance:
  - a) the conventional tolerance is set pressure +3/-0 PSI
  - b) the "A" absolute tolerance is set pressure +1/-0 PSI. The tighter tolerance air reliefs are designated with the prefix "A". (A2180, A3180, A2182)
- For the Canadian market only the "A" or absolute (+1/-0 PSI) tolerance air reliefs are available.

Note: Adjustable models A2180ADJ and A3108ADJ are only available with absolute (+1/-0 PSI) tolerance settings and are adjustable + or - 3 PSI from specified setting.

Safety Note: Air/vacuum relief valves must be regularly inspected, cleaned and maintained. Product particles can prevent the valve from fully reseating which can lead to early opening/leakage from the valve or can prevent it from opening at all. For ease of removal and installation, to allow for inspections, cleaning and maintenance all 2180 and 2182 series air relief valves are available with either male cam and groove or victaulic grooved connections.

*Relief Valve Flow Rates vary depending on the preset relief pressure, for specific relief rates contact Dixon.*

*Designed for trailer service*



Part #	Description
<b>2180/xx</b>	2" female NPT
<b>A2180/xx</b>	2" female NPT
<b>3180/xx</b>	3" female NPT
<b>A3180/xx</b>	3" female NPT



Part #	Description
<b>A2180/xxADJ</b>	Adjustable 2" female NPT
<b>A3180/xxADJ</b>	Adjustable 3" female NPT



Part #	Description
<b>2180B/xx</b>	2" adapter
<b>A2180B/xx</b>	2" adapter



Shown with optional safety lanyard (**CAL25**) attached  
*(available pn page 6)*



Part #	Description
<b>2180V/xx</b>	2" grooved end
<b>A2180V/xx</b>	2" grooved end



Shown with optional safety lanyard (**CAL25**) attached  
*(available pn page 6)*

*/xx refers to the choice of pressure settings provided. Customer needs to request the required settings when ordering.*