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## No-Idling Valve Line

Parker's no-idling valves are critical components in your auxiliary heating and cooling system that contribute to emission reduction.



ENGINEERING YOUR SUCCESS.

# Go green with Parker

What does going green mean for the heavy-duty truck and bus industry?

According to the laws being passed worldwide, going green in the heavy-duty truck and bus industry means less idling time.

## Why is it necessary to reduce idling?

- To reduce Oxides of nitrogen, precursor to ozone
- Reduce harmful diesel particulate matter, which is a harmful pollutant to air quality
- Comply with anti-idling laws
- Save on fuel
- Reduce engine wear

## Parker's Solution to the Idling Problem

Parker's no-idling line of valves is offered at a time when numerous states are further tightening their anti-idling regulations.

Heavy-duty truck and bus manufacturers can incorporate this fluid control valve and an auxiliary heating and cooling system into the vehicle's design.

## Parker's new line of No-Idling valves...

- Provide driver climate control when not in motion
- Will keep engine from going cold
- Will keep products refrigerated



Parker's no-idling valves are used in a system to regulate heating and cooling as required. The two-way normally closed or normally open valves are available with a port size of 1/2", or 3/4" with a Cv of 5.0 and a process connection of 1/2" NPT or 3/4" NPT.

No-Idling valve line features, bubble-tight sealing internally and externally. These valves are constructed of brass, and are assembled with EPDM seal materials. The no-idling valve line is compatible with engine coolants and refrigerants.

## No-Idling Valve Line Accessories for Quick Installation



Mobile Electrical Connection



Mobile Hose Bib Connectors



Mobile Electrical Connection

# No-Idling Valve Line

Parker Fluid Control Division's No-Idling two-way normally closed or normally open valves are available with a port size of 1/2" or 3/4".

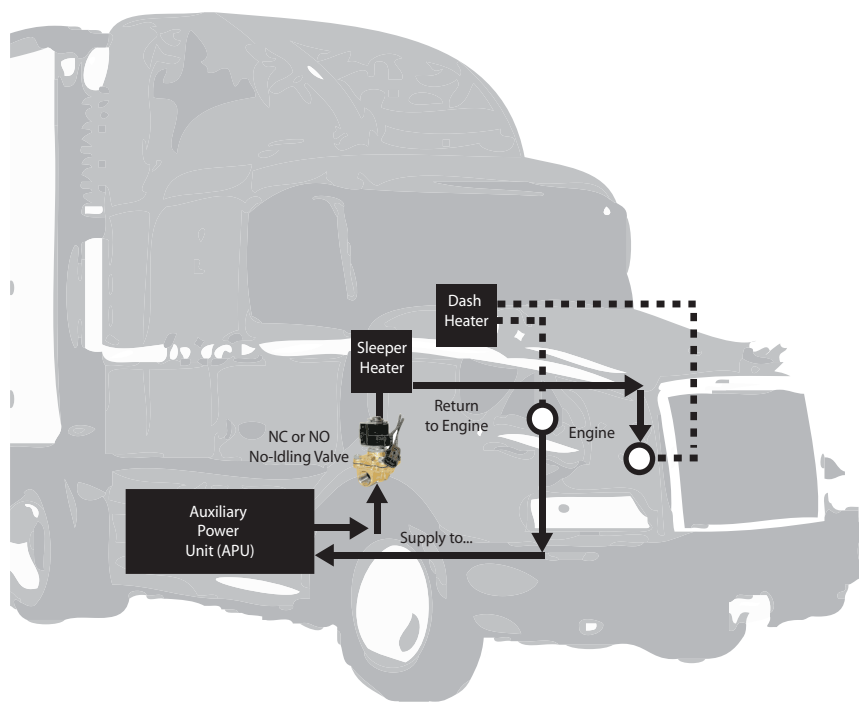
| ENGLISH UNITS                                           |                       |              |                                       |      | METRIC UNITS          |                      |                        |                                       |      |
|---------------------------------------------------------|-----------------------|--------------|---------------------------------------|------|-----------------------|----------------------|------------------------|---------------------------------------|------|
| Port Size<br>NPT                                        | Orifice Size<br>(in.) | Cv<br>Factor | Operating Pressure Differential (psi) |      | Complete Valve Number | Orifice Size<br>(mm) | Kv<br>Factor<br>(m³/h) | Operating Pressure Differential (bar) |      |
|                                                         |                       |              | Min.                                  | Max. |                       |                      |                        | Min.                                  | Max. |
| 2 Way Direct Acting Valves (Normally Closed) DC Voltage |                       |              |                                       |      |                       |                      |                        |                                       |      |
| 1/2                                                     | 5/8                   | 4.0          | 0                                     | 25   | 08F23C2340A0HZ0575    | 15.9                 | 57                     | 0                                     | 1.7  |
| 3/4                                                     | 3/4                   | 5.0          | 0                                     | 25   | 12F23C2348A0HZ0575    | 19.0                 | 71                     | 0                                     | 1.7  |
| 2 Way Direct Acting Valves (Normally Open) DC Voltage   |                       |              |                                       |      |                       |                      |                        |                                       |      |
| 1/2                                                     | 5/8                   | 4.0          | 0                                     | 25   | 08F23O2340A0HZ0575    | 15.9                 | 57                     | 0                                     | 1.7  |
| 3/4                                                     | 3/4                   | 5.0          | 0                                     | 25   | 12F23O2348A0HZ0575    | 19.0                 | 71                     | 0                                     | 1.7  |

## Incorporating these into your systems

No-Idling Climate Control valves are critical components in your auxiliary heating and cooling systems.

Parker Fluid Control Division's No-Idling Valve line helps extend the life of the engine and reduce emissions by controlling flow to the auxiliary power unit (APU) while the engine is shut down. Heavy-duty truck system suppliers can incorporate this fluid control solenoid valve with the truck's auxiliary equipment to regulate heating and cooling, as required.

These valves offer a quick connection to system assembly, as well as a fast and easy electrical connection. These valves allow your auxiliary heating and cooling systems to regulate your temperature without the need for idling.



Schematic shows the ease of incorporating the No-Idling valve line into your auxiliary heating and cooling systems.

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Questions on our product line,  
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