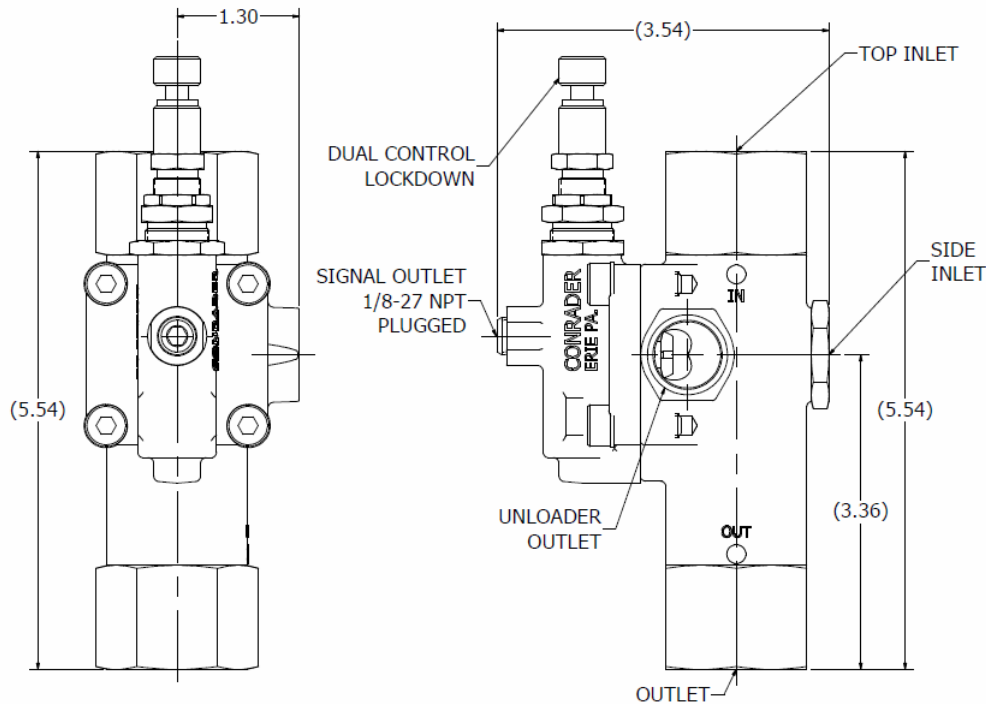




## Piloted Unloader Check Valve Model: NLDC-Series



\*Dimensions will vary with different connections and configurations.

### Operating Specifications:

**Unload Set Pressure Range: 40 to 250 psig**

**Set Pressure Differential Range: 10 to 50 psid**

**Operating Temperature Range: -65°F to 400°F**

**Max Flow Capacity: 60 SCFM @ 100 psig**

### Available Connections:

**Connection Sizes: 3/4" to 1-1/4" (-12 to -20)**

**Connection Types: NPT, BSPT, Compression, Inverted SAE Flare**

### Materials of Construction:

**Body/Fittings: Brass**

**O-Rings: Silicone/Viton**

**Poppets: Reinforced PTFE**

**Springs: Stainless Steel**



## Ordering Information

NLDC - 1 - M - P2 - SU3 - SA - SST - 90-120

Configuration Number See Available Configurations Below	Unloader Outlet		Additional Inlet Port		Start Unloader		Pilot Tamper Seal		Thread Sealant		Pressure Setting
	Option	Code	Option	Code	Option	Code	Option	Code	Option	Code	
	None (Standard)	(Blank)	1/8" NPT	(Blank)	None	(Blank)	None	(Blank)	None	(Blank)	
	Muffler	M	1/4" NPT	P2	SU3	SU3	Sealed	SA	White	SST	
					SU4	SU4					

## Options

1. Configuration: Available configurations are listed on the following pages. If the configuration needed is not listed please contact us at [orders@conrader.com](mailto:orders@conrader.com)
2. Unloader Outlet
  - a. Muffler: The muffler comes standard and reduces the noise from the unloader.
  - b. Diffuser: The diffuser restricts the flow less than the muffler but creates more noise.
3. Additional Inlet Port
  - a. None: No additional port added.
  - b. 1/8" NPT: An 1/8" female NPT port installed on the opposite inlet port.
  - c. 1/4" NPT: An 1/4" female NPT port installed on the opposite inlet port.
4. Start Unloader: A valve that installs on the opposite inlet port and unloads the compressor during start up.
  - a. None: Start unloader will not be installed.
  - b. SU3: Start unloader with a Viton seal.
  - c. SU4: Start unloader with a brass seal.
5. Pilot Tamper Seal:
  - a. None: A seal will not be applied to the pilot adjustments.
  - b. Sealed: A blue tamper seal will be applied across the pilot adjustments.
6. Thread Sealant:
  - a. None
  - b. White colored thread sealant.
7. Pressure Setting: The desired pilot load and unload pressure settings.

<b>Model</b>	<b><u>Top Inlet Connection</u></b>	<b><u>Side Inlet Connection</u></b>	<b><u>Outlet Connection</u></b>
<b>NLDC-1</b>	3/4" (-12) FEMALE NPT 3/4-14 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) FEMALE NPT 3/4-14 NPT
<b>NLDC-2</b>	3/4" (-12) COMPRESSION 1-18 UNS-2A	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) FEMALE NPT 3/4-14 NPT
<b>NLDC-3</b>	3/4" (-12) INVERTED SAE FLARE 1 1/16-16 UN-2B	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) FEMALE NPT 3/4-14 NPT
<b>NLDC-4</b>	1" (-16) FEMALE NPT 1-11.5 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) FEMALE NPT 3/4-14 NPT
<b>NLDC-5</b>			
<b>NLDC-6</b>	3/4" (-12) FEMALE NPT 3/4-14 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) MALE NPT 3/4-14 NPT
<b>NLDC-7</b>	3/4" (-12) COMPRESSION 1-18 UNS-2A	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) MALE NPT 3/4-14 NPT
<b>NLDC-8</b>	3/4" (-12) INVERTED SAE FLARE 1 1/16-16 UN-2B	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) MALE NPT 3/4-14 NPT
<b>NLDC-9</b>	1" (-16) FEMALE NPT 1-11.5 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	3/4" (-12) MALE NPT 3/4-14 NPT
<b>NLDC-10</b>			
<b>NLDC-11</b>	3/4" (-12) FEMALE NPT 3/4-14 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) FEMALE NPT 1-11.5 NPT
<b>NLDC-12</b>	3/4" (-12) COMPRESSION 1-18 UNS-2A	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) FEMALE NPT 1-11.5 NPT
<b>NLDC-13</b>	3/4" (-12) INVERTED SAE FLARE 1 1/16-16 UN-2B	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) FEMALE NPT 1-11.5 NPT
<b>NLDC-14</b>	1" (-16) FEMALE NPT 1-11.5 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) FEMALE NPT 1-11.5 NPT
<b>NLDC-15</b>			
<b>NLDC-16</b>	3/4" (-12) FEMALE NPT 3/4-14 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) MALE NPT 1-11.5 NPT
<b>NLDC-17</b>	3/4" (-12) COMPRESSION 1-18 UNS-2A	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) MALE NPT 1-11.5 NPT
<b>NLDC-18</b>	3/4" (-12) INVERTED SAE FLARE 1 1/16-16 UN-2B	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) MALE NPT 1-11.5 NPT
<b>NLDC-19</b>	1" (-16) FEMALE NPT 1-11.5 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	1" (-16) MALE NPT 1-11.5 NPT
<b>NLDC-20</b>	1 1/4" (-20) FEMALE NPT 1 1/4-11.5 NPT	1/8" (-2) FEMALE NPT OR P2 OPTION	1 1/4" (-20) FEMALE NPT 1 1/4-11.5 NPT
<b>NLDC-21</b>	1" (-16) FEMALE BSPT Rc 1-11 (BSPT)	1/8" (-2) FEMALE BSPT OR P2 OPTION	1" (-16) FEMALE BSPT Rc 1-11 (BSPT)
<b>NLDC-22</b>	3/4" (-12) FEMALE BSPT Rc 3/4-14 (BSPT)	1/8" (-2) FEMALE BSPT OR P2 OPTION	3/4" (-12) MALE BSPT R 3/4-14 (BSPT)