### Excelon® lockout valves

1/4" to 3/4" port size

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**Excelon® design allows in-line or modular installation**

Valves can be locked in the closed position only

**Excelon® 3-port/2-position lockout valves help conform to OSHA Lockout Regulations in USA market.**

**Technical data**

Fluid: Compressed air

Maximum Pressure: 250 psig (17 bar)

Operating Temperature*: -30° to 150°F (-34° to 65°C)

* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Cv factor from IN to OUT ports

1/4" ports: 4.0
3/8" ports: 8.0
1/2" ports: 8.1
3/4" ports: 7.7

Cv factor from OUT to Exhaust ports on 3-port/2-position valves: 0.2.

Exhaust port threads on T72T and T73T models: 10-32

Exhaust port threads on T74T models: 1/8 PTF with PTF main ports
1/8" ISO Rc with ISO G and ISO Rc main ports

Hole diameter in slide for padlock 72 and 73: 5/16" (8 mm)

Hole diameter in slide for padlock: 0.29" (7.5 mm)

**Materials**

Body: Zinc
Slide: Acetal plastic
Elastomers: Nitrile

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### Ordering Information

Models listed are with PTF threads.

<table>
<thead>
<tr>
<th>Port Size</th>
<th>2-Port/2-Position</th>
<th>3-Port/2-Position (OSHA)</th>
<th>3-Port/2-Position</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No Exhaust Outlet</td>
<td>Exhaust Port not tapped</td>
<td>Threaded Exhaust Port</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>T72E-2AA-P1N</td>
<td>T72K-2AA-P1N</td>
<td>T72T-2AA-P1N</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>T72E-3AA-P1N</td>
<td>T72K-3AA-P1N</td>
<td>T72T-3AA-P1N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Port Size</th>
<th>2-Port/2-Position</th>
<th>3-Port/2-Position</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No exhaust outlet</td>
<td>Threaded exhaust port</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>T73E-2AA-P1N</td>
<td>T73T-2AA-P1N</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>T73E-3AA-P1N</td>
<td>T73T-3AA-P1N</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>T73E-4AA-P1N</td>
<td>T73T-4AA-P1N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Port Size</th>
<th>2-Port/2-Position</th>
<th>3-Port/2-Position</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Padlock closed only.</td>
<td>Threaded exhaust port</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>T74E-3AA-P1N</td>
<td>T74T-3AA-P1N</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>T74E-4AA-P1N</td>
<td>T74T-4AA-P1N</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>T74E-6AA-P1N</td>
<td>T74T-6AA-P1N</td>
</tr>
</tbody>
</table>

**Weight lbs (kg)**

<table>
<thead>
<tr>
<th>Port Size</th>
<th>2-Port/2-Position</th>
<th>3-Port/2-Position</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>0.79 (0.36)</td>
<td></td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>0.86 (0.39)</td>
<td></td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>0.7 (0.3)</td>
<td></td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>0.7 (0.3)</td>
<td></td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>0.69 (0.32)</td>
<td></td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>0.65 (0.30)</td>
<td></td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>0.62 (0.28)</td>
<td></td>
</tr>
</tbody>
</table>

**Service Kits**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>T72</td>
<td>4384-513</td>
</tr>
<tr>
<td>T73B</td>
<td>4384-610</td>
</tr>
<tr>
<td>T73E</td>
<td>4384-611</td>
</tr>
<tr>
<td>T73T</td>
<td>4384-612</td>
</tr>
<tr>
<td>T74E</td>
<td>4384-710</td>
</tr>
<tr>
<td>T74T</td>
<td>4384-713</td>
</tr>
</tbody>
</table>

Service kit includes seals and slide.

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**ISO Symbols**

- **2-Port/2-Position**
- **3-Port/2-Position**

**Dimensions in inches (mm)**

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**Excelon® lockout valves**

1/4" to 3/4" port size
64 Series lockout valves
1/4" to 3/4" port size

Olympian Plus plug indesign
Attaches to yoke, upstream or downstream of air processing units.
T64E 3-port/2-position lockout valves help conform to OSHA Lockout Regulations in USA market.

Technical data
Fluid: Compressed air
Maximum pressure: 250 psig (17 bar)
Operating temperature*: 0° to 175°F (-20° to 80°C)
* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Cv factor from IN to OUT ports
1/4 port size: 2.6
3/8 port size: 5.5
1/2 port size: 6.7
3/4 port size: 7.5

Exhaust port threads on T64T models:
1/8 PTF with PTF main ports 1/8 ISO Rc
with ISO G and ISO Rc main ports

Materials
Body: Zinc
Slide: Acetal plastic
Elastomers: Nitrile

Ordering Information
Models listed include PTF threads in the pilot and exhaust ports.

<table>
<thead>
<tr>
<th>Port Size</th>
<th>2-Port/2-Position</th>
<th>3-Port/2-Position OSHA Unthreaded exhaust port</th>
<th>3-Port/2-Position Threaded exhaust port</th>
<th>Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>T64B-2AB-P1N</td>
<td>T64E-2AB-P1N</td>
<td>T64T-2AB-P1N</td>
<td>0.89 (0.40)</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>T64B-3AB-P1N</td>
<td>T64E-3AB-P1N</td>
<td>T64T-3AB-P1N</td>
<td>0.88 (0.40)</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>T64B-4AB-P1N</td>
<td>T64E-4AB-P1N</td>
<td>T64T-4AB-P1N</td>
<td>0.84 (0.38)</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>T64B-6AB-P1N</td>
<td>T64E-6AB-P1N</td>
<td>T64T-6AB-P1N</td>
<td>0.84 (0.38)</td>
</tr>
</tbody>
</table>

Service Kits
<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>T64B (red slide)</td>
<td>4384-210</td>
</tr>
<tr>
<td>T64E (yellow slide)</td>
<td>4384-211</td>
</tr>
<tr>
<td>T64T (red slide)</td>
<td>4384-210</td>
</tr>
</tbody>
</table>

Service kit includes seals and slide.

ISO Symbols

** Models with 3/4" ports
All Dimensions in inches (mm)
Air line equipment

T68
Olympian Plus T68 Shut-off & Lockout Valves
3/4", 1", 1-1/4", 1-1/2" Port Sizes

Olympian plug in system
2-port/2-position and 3-port/2-position shut-off valves
Can be locked in open or closed position
T68E 3-port/2-position lockout valves help conform to OSHA Lockout Regulations in USA market. Exhaust outlet is not tapped.

Technical data
Fluid: Compressed air
Maximum pressure: 250 psig (17 bar)
Operating temperature*: 0° to +175°F (-20° to +80°C)
  * Air supply must be dry enough to avoid ice formation at temperatures below +35°F (+2°C).
Cv factor:
IN to OUT port: 27.5
OUT to EXHAUST port: 0.16
Exhaust port threads on T68H models: 1/4
Materials:
Body: Aluminum
Handle: Zinc
Seals: Nitrile
Ball: Brass

Ordering Information
Models listed are with PTF threads.

<table>
<thead>
<tr>
<th>Port Size</th>
<th>3-Port/2-Position, Unthreaded, Exhaust Port</th>
<th>2-Port/2-Position, No Exhaust Outlet</th>
<th>Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot;</td>
<td>T68E-6AB-B2N</td>
<td>T68A-6AB-B2N</td>
<td>2.21 (1.00)</td>
</tr>
<tr>
<td>1&quot;</td>
<td>T68E-8AB-B2N</td>
<td>T68A-8AB-B2N</td>
<td>2.12 (0.96)</td>
</tr>
<tr>
<td>1-1/4&quot;</td>
<td>T68E-AA8-B2N</td>
<td>T68A-AA8-B2N</td>
<td>2.07 (0.94)</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>T68E-BAB-B2N</td>
<td>T68A-BAB-B2N</td>
<td>2.16 (0.98)</td>
</tr>
</tbody>
</table>

Dimensions in inches (mm)

2-Port/2-Position

3-Port/2-Position

ISO Symbols

Service Kits
<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service kit</td>
<td>4384-300</td>
</tr>
</tbody>
</table>

Service kit includes, valve spring, slip ring, valve assembly, diaphragm assembly and necessary seals and 'o' rings.

Dimensions in inches (mm)

Yoke Mounted Models

3.15 (80) *

3.74 (95) **

Inline Mounted Models

3.15 (80) *

3.74 (95) **

* 3.35" (85 mm) for 1-1/2" ported models.
** 4.13" (105 mm) for 1-1/2" ported models.
Inline Lockout Valves
For installation in 1/4" through 1-1/2" air lines.

3-way, manually operated, full flow lockout valves can be locked in the closed position with a customer supplied padlock.

Helps you comply to OSHA regulations, as they relate to OSHA regulation 29 CFR Part 1910, standard for lockout/tagout procedures.

Technical data
Fluid: Compressed air
Maximum Pressure: 300 psig (20.4 bar)
Temperature Range: -20° to 175°F* (-29° to 79°C)
*With a dew point of supply air less than air temperature below 35°F (2°C).
Maximum Diameter of Lock Shackle: 5/16" (8mm)

Materials
Valve Body: Aluminum
Muffler Base: Zinc
Spool, T-Handle, Muffler Shell: Aluminum
Spring Detent: Stainless Steel

Elastomers
Standard: Nitrile and Polyurethane
Optional: Fluorocarbon

Repair Kits
Fluorocarbon Elastomers: 53474-44
C0022A/D and C0024A/D Valves: Standard Elastomers: 53475-34
Fluorocarbon Elastomers: 53475-36

Replacement Mufflers* for C0021A/C0024D Valves
C0021A/D and C0023A/D Valves: ML004F
C0022A/D and C0024A/D Valves: ML008F

Options
C0021A/D and C0023A/D Valves with fluorocarbon elastomers: Specify 1FA after the desired valve model number.
C0022A/D and C0024A/D Valves with fluorocarbon elastomers: Specify 1EX after the desired valve model number.
C0021A/D Valves with tapped muffler base that accepts a muffler with 3/4" NPT male threads: Specify 1M2 after the desired valve model number. Recommended muffler MB006A.
C0022A/D Valves with tapped muffler base that accepts a muffler with 1" NPT male threads: Specify 1M1 after the desired valve model number. Recommended muffler MB008A.

Note: Standard valves have a black handle. To order valves with a red handle, change the second position of the model number to an R (e.g., C0021A would change to CR021A).

Ordering Information
Models listed are with PTF threads.

<table>
<thead>
<tr>
<th>Basic Size</th>
<th>Size PTF</th>
<th>Port Model</th>
<th>Port Model</th>
<th>Port Model</th>
<th>Port Model</th>
<th>Cv Factor</th>
<th>With Muffler</th>
<th>With Muffler</th>
<th>In-Out Ports</th>
<th>Out-Exhaust Ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>C0021A</td>
<td>C0023A</td>
<td>1/2&quot;</td>
<td>G1/4</td>
<td>1/2&quot;</td>
<td>C0041A</td>
<td>C0043A</td>
<td>4.2</td>
<td>6.0</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>C0021D</td>
<td>C0023D</td>
<td>1&quot;</td>
<td>G1/2</td>
<td>1&quot;</td>
<td>C0042A</td>
<td>C0044A</td>
<td>10.6</td>
<td>8.0</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>C0022B</td>
<td>C0024B</td>
<td>1-1/4&quot;</td>
<td>G1</td>
<td>1-1/4&quot;</td>
<td>C0042C</td>
<td>C0044C</td>
<td>25.3</td>
<td>8.9</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1-1/2&quot;</td>
<td>C0022D</td>
<td>C0024D</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>22.4</td>
<td>10.0</td>
<td></td>
</tr>
</tbody>
</table>

All Dimensions in inches (mm)

Options
C0021A/D and C0023A/D Valves with fluorocarbon elastomers: Specify 1FA after the desired valve model number.
C0022A/D and C0024A/D Valves with fluorocarbon elastomers: Specify 1EX after the desired valve model number.
C0021A/D Valves with tapped muffler base that accepts a muffler with 3/4" NPT male threads: Specify 1M2 after the desired valve model number. Recommended muffler MB006A.
C0022A/D Valves with tapped muffler base that accepts a muffler with 1" NPT male threads: Specify 1M1 after the desired valve model number. Recommended muffler MB008A.

Note: Standard valves have a black handle. To order valves with a red handle, change the second position of the model number to an R (e.g., C0021A would change to CR021A).