

Shut-off & Lockout Valves
T74★ - ★★A - P1★
Type

B....2-Port/2-position shutoff valve, black slide, padlocks in closed position only
 E....3-Port/2-position lockout valve, yellow slide, unthreaded exhaust outlet, padlocks in closed position only
 H....3-Port/2-position shutoff valve, red slide, threaded exhaust port, padlocks in open or closed position
 T....3-Port/2-position shutoff valve, red slide, threaded exhaust port, padlocks in closed position only

Port

3....3/8"
 4....1/2"
 6....3/4"

Thread Form

A....PTF
 B....ISO Rc taper
 G....ISO G parallel

Options

N....None
 S....T74T with exhaust silencer

TECHNICAL DATA

Fluid: Compressed air
 Maximum pressure: 17 bar (250 psig)
 Operating temperature*: -20° to 65°C (0° to 150°F)
 * Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Cv factor:

IN to OUT ports:
 3/8" ports: 7.1
 1/2" ports: 8.1
 3/4" ports: 7.7

OUT to EXHAUST ports on 3-port/2-position valves: 0.2
 Exhaust port threads on T74H and T74T valves:

1/8 PTF with PTF main ports
 Rc1/8 with ISO G and ISO Rc main ports

Materials:

Body: Zinc
 Slide: Acetal plastic
 Elastomers: Nitrile

SERVICE KITS

Contain items circled on exploded view

T74B (Black slide) 4384-711
 T74E (Yellow slide) 4384-710
 T74H (Red slide) 4384-712
 T74T (Red slide) 4384-713

INSTALLATION

1. Install valve in air line with air flow in direction of arrow on body. Use pipe thread sealant on male threads only. Do not allow sealant to enter interior of valve.
2. The slide on the T74B, T74E, and T74T can be locked in the closed position only. The slide on T74H can be locked in the open or closed positions. If desired, install a customer supplied padlock in the 7.5mm (0.29") diameter hole in the slide.

DISASSEMBLY

1. Shut off inlet pressure. Reduce pressure in inlet and outlet lines to zero.
2. Remove the valve from the air line. Disassemble in general accordance with the item numbers on exploded view.

CLEANING

1. Clean all parts with warm water and soap.
2. Dry and inspect parts. Replace parts found to be damaged.

REASSEMBLY

1. Lubricate o-rings and center area of both sides of slide (4) with o-ring grease. Assemble valve as shown on the exploded view. The blade (4) on The T74E, T74H, and T74T valves must be installed with the slotted exhaust hole facing the outlet port. The T74E valve uses o-ring (3) in the inlet and outlet bodies. The T74B, T74H, and T74T valves use o-ring (3) in the inlet body, and seal (3A) in the outlet body.

2. Torque Table

Item	Torque in N·m (Pounds-Inch)
1 (Screw)	5.7 to 6.3 (50 to 55)

WARNING

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **Technical Data**.

Before using these products with fluids other than air, for nonindustrial applications, or for life-support systems consult Norgren.

