# 3/8" Quick Exhaust Valve

## QE1000



Image for illustration only

## Description

The QE1000 is a 3/8" quick exhaust valve that releases cylinder air straight to atmosphere at the cylinder, instead of back through the control valve. Fitted to the cylinder port, it lets the cylinder return faster without a larger directional valve, and back pressure clears in the shortest possible time. All three ports are G3/8 female: P from the directional valve, A to the cylinder and O to exhaust. It suits working pressures from 1.2 to 10 bar.

## Features

- Fast cylinder returns: exhausts air directly at the cylinder
- Unrestricted exhaust path, so back pressure clears quickly
- Raises cylinder speed without upsizing the control valve
- Three G3/8 female ports: P, A and O
- Reversing time ≤ 0.04 s
- Rated for 2 million cycles minimum
- Compact body, fits directly to a cylinder port with a suitable connector

## Applications

- Pneumatic cylinders needing faster return strokes
- Long or large-bore cylinders fed from small directional valves
- Pneumatic circuits where exhaust capacity limits cycle time

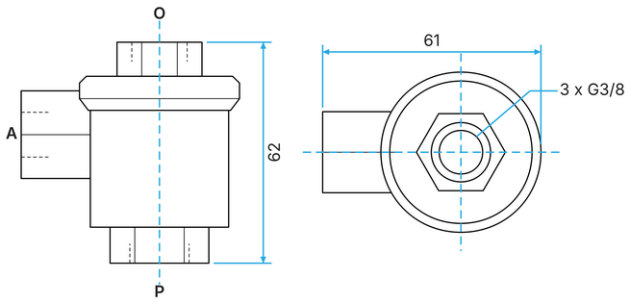
## Specifications

| | |
|---|---|
| Ultramax Product Code | QE1000 |
| Valve Type | Quick exhaust valve |
| Port Size | G3/8 female (P, A and O) |
| Nominal Diameter (mm) | 8 |
| Working Pressure | 0.12 to 1.0 MPa (1.2 to 10 bar) |
| Reversing Time (s) | ≤ 0.04 |
| Durability | 2 million cycles minimum |
| Port P | From directional valve |
| Port A | To cylinder |
| Port O | Exhaust (silencer) |

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### Technical Drawing




Dimensions in mm

| | |
|---|---|
| Height H (mm) | 62 |
| Length L (mm) | 61 |
| Thread T | G3/8 |