

In-Mould Air Ejector

Data Sheet

The in-mould air ejector provides an efficient method of removing cured mouldings without the mould damage associated with wedges or mechanical force.



Key Features

- > Designed to be fitted into composite or metal tooling.
- > Designed to provide maximum air-flow with minimum interference with the mould surface.
- > The 17 mm flush end surface is considerably smaller than most other units currently available.
- > Reliable and powerful operation ensured by the opening force created by the larger integral piston at the rear of the valve.
- > Threaded for easy access into the mould and removal of the air ejector.
- > Closing force provided by an integral spring; air pressure can also be applied if working against high in-mould pressures.
- > Air connections in the end cap surface to enable easy access once installed.
- > Remote operation by pneumatic push-button switch connected via pneumatic pipes and fittings.
- > Single push button may be used to operate multiple air ejectors.
- > Mould inserts available for fitting into either composite or metal tooling.



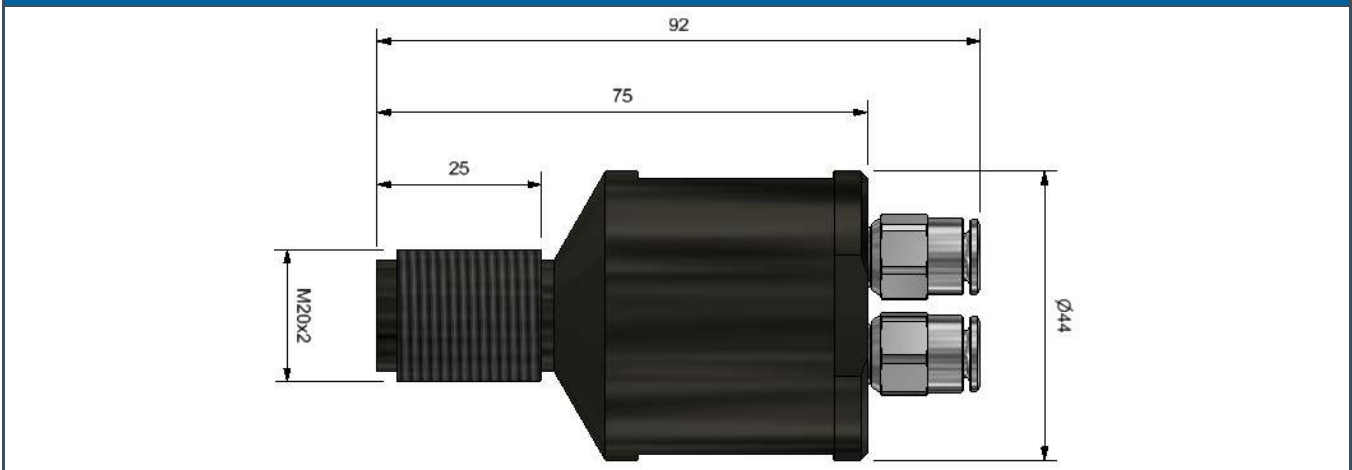
Specifications

Housing Material	Machined from steel and treated to provide a hardened and corrosion resistant surface
Maximum Operating Temperature	Standard: 80°C High Temperature: 180°C
High Temperature Components	Air ejector piston shaft (part number: MM-2003-01) 6/4 mm male stud rapid fit 1/8" BSP sprint (part number: MP-11-0618)

Connections

Air Supply	6—8 bar
Port A	Air eject
Port B	Close
*pressure rating without B-port should be VRTM only (+0.5 bar (G) maximum)	

Dimensions



Air Ejector Options	Part Number
Standard In-Mould Air Ejector	XE-0020
Standard In-Mould Air Ejector — No Insert	XE-0020-01
High Temperature Air Ejector — No Insert	XE-0020-02

Associated Parts	Part Number
5/2 Pneumatic push button control valve (includes pipes and connectors)	XE-0021
Air ejector insert — for composite moulds	XA-2001
Air ejector insert — for metal moulds	XA-2006
Air ejector blanking plug—for low temperature moulds	XA-2007
Air ejector blanking plug—for high temperature moulds	XA-2007-02

