

AI-0004A08

pump gate valve



altecnic

# AI-0004A08 pump gate valve



## Application

Altecnic pump gate valves are the ideal isolation valve, for use with domestic heating pumps and other similar equipment in copper pipe systems.

Valves have either a 22 or 28 mm diameter compression joint and an 1½ inch union joint with flat gasket face for easy connection to the pump.

When used as a pair the valves provide isolation, allowing easy and quick removal of the pump should it be required.

## Design

Pump gate valves have multi-turn operation, which reduces the possibility of 'water' hammer' or hydraulic shock caused by sudden closure of the valve.

Bi-directional flow.

Non-rising stem, compact design.

The valves are operated via a parallel square on the end of the stem, which requires a removeable key or suitably sized wrench to open or close the valve.

The removeable key or wrench are adds to valve security and prevents unauthorised operation.

Supplied with a compression end complying with BS EN 1254-2 for use with R250 (half hard) copper tube.

## Construction Details

Component	Material	Grade
Body	Brass	BS EN 12165 CW617N
Bonnet	Brass	BS EN 12165 CW617N
Wedge	Brass	BS EN 1982 CC490K
Stem	Brass	BS EN 12164 CW614N
Stem retainer	Brass	BS EN 12164 CW614N
Gland packing	PTFE	
Gland nut	Brass	BS EN 12164 CW614N
Gasket	Non asbestos fibre	
Union nut	Brass	BS EN 12165 CW617N
Compression nut	Brass	BS EN 12165 CW617N
Olive	Brass	BS EN 12165 CW602N

## Product Code

AI-0004A0822

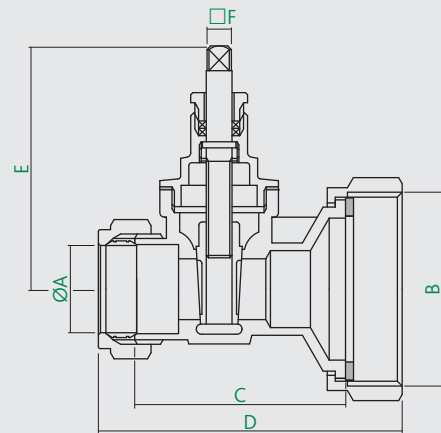
AI-0004A0828

## Connection

22mm x 1½" f

28mm x 1½" f

## Dimensions



Product Code	A	B	C	D	E	F	kg
AI-0004A0822	22	G1½	52	75	60	6	0.29
AI-0004A0828	28	G1½	56	80	71	6	0.40

## Technical Data

Pressure / Temperature Rating: BS EN 1254-2

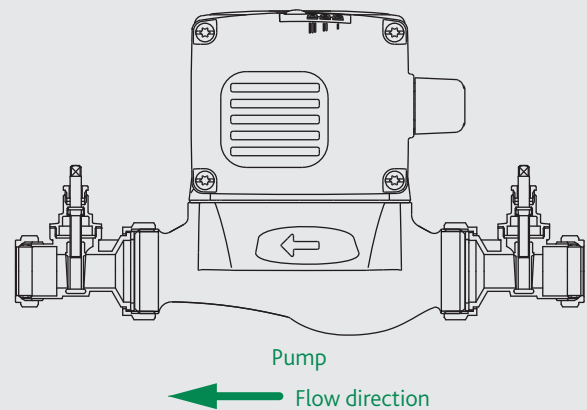
Max. Working Pressure 10 bar

Max. Temperature at 10 bar: 65°C

Max. Temperature at 8.2 bar: 85°C

PED directive classification Group 2 Liquids SEP

## Typical Installation



## E & O.E

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