

40901118 Furnace Inspection Window Clean Air

Key Features & Operation

Inspection Window Assembly

Suitable for Furnaces, Incinerators, Ovens and Kilns

Designed for use in demanding industrial environments where reliable visual inspection of the combustion chamber or process interior is required. Ideal for continuous or batch operations in thermal processing plants.

¼" BSP Air Connection for Maintaining Glass Cleanliness

Includes a ¼" BSP air purge port allowing clean, dry air to be directed across the inner face of the glass. This helps prevent soot, dust, or fume deposits, maintaining a clear line of sight for visual checks or optical instruments.

Designed for Operating Temperatures up to 750°C

The housing and mounting components are rated for continuous service in ambient zones subject to elevated temperatures typical of furnace or incinerator shell surfaces.

Heat-Resistant Glass Rated up to 750°C

Fitted with a high-temperature Neoceram ceramic viewing glass, capable of withstanding extreme radiant heat from the combustion zone while maintaining optical clarity.

Supplied with Sealing Gaskets

Comes complete with high-temperature sealing gaskets to ensure airtight installation and to minimise heat loss or ingress of combustion gases.

Main Body Construction

Robust cast iron body ensures strength, durability, and long service life under thermal cycling and mechanical stress. Other materials, such as stainless steel, are available on request for corrosive or high-temperature applications.

Optional Features and Accessories

Protective metal flap or shutter assembly for additional protection when not in use.

Cooling air supply kits for extended viewing periods.

Custom flange patterns or mounting adaptors to suit existing furnace doors or wall panels.

Applications

Suitable for use in combustion chambers, cremators, thermal oxidisers, and waste incinerators where operators require safe observation of flame patterns, material conditions, or internal process behaviour.



Part Number	Fixing Type	Spare Gasket Seal	Weight Kg
40901118	Mounting Plate	40011601	1.8

