



## Lindab **Access doors**

Mounting instruction

# Access door

## Assembly

The simplest way to install the cleaning covers is by turning and pressing them at the same time.

The simplest way to remove the cleaning covers is by turning and pulling them outwards at the same time (not KCRU).

## Maintenance

The cleaning covers normally don't require any maintenance, but as they are used in duct systems that need to be cleaned, they should be cleaned at the same time as the system.

### For circular duct end

**EPFH**



**ESHU**



**KCIVU**



**KCU**



### For circular duct wall

**EKTL**



**IPLR**



**KCRU**



**PTL**



**TLU**



### For rectangular duct wall

**IPF**



**IPL**



**LKCR**



**RD**



# Access door

## EPFH with bayonet locking

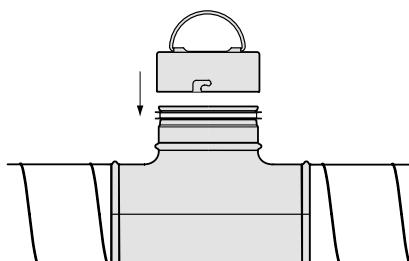
### Assembly

The cover can, if you prefer, be installed simply by putting it into position.

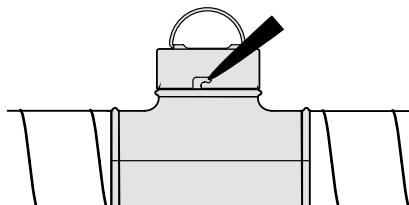
However, if there is a risk that it can be pushed off (e.g. at positive pressure), you should ensure that it is held in position by two suitable blind rivets. In that case, proceed as follows:

Attach the cover at its intended location and in a suitable position.

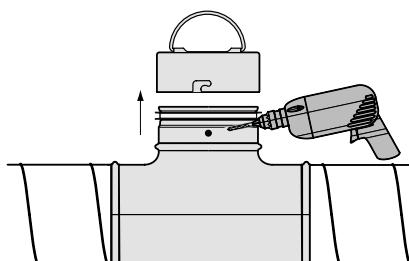
Ensure that it is secure and level all around.



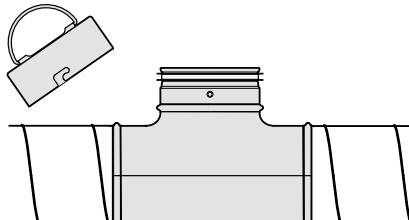
Mark the holes for the rivets.



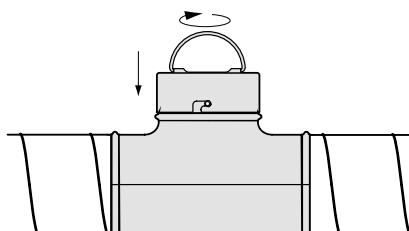
Remove the cover and drill holes for the rivets.



Insert the rivets so that they extend past the drilled holes. A recommended airtight blind rivet has Ø 4.0 and is 9.5 mm long, for example.



Press on the cover again so that the rivets enter the slots and then turn clockwise to snap into place.



# Access door

## EPFH, KCU, KCIVU

### Fire protection assembly instruction

Covers with different levels of fire protection are available. The fire class is specified on the cover's label. In certain cases, the fire class requires that covers be placed at a specific safety distance from inflammable materials in a structural element or inflammable fixed equipment.

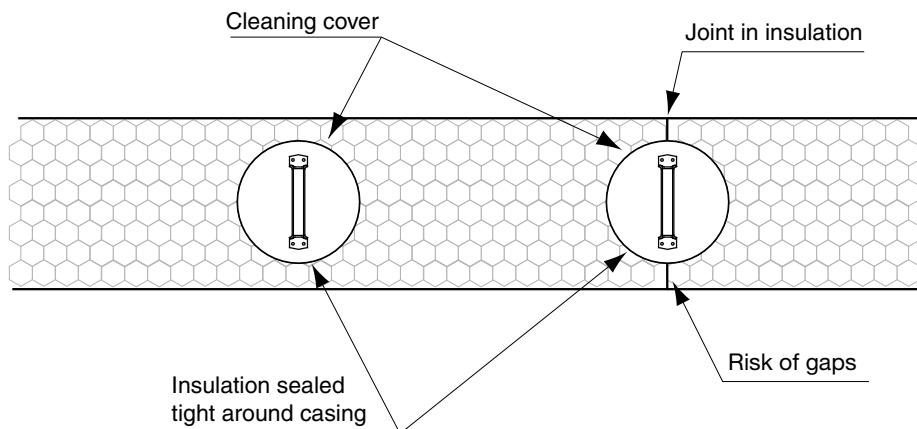
Fire protection classes for ventilation systems require cleaning covers to have at least the same class as connecting system or system part.

### When lining the duct system with fire-resistant material, check:

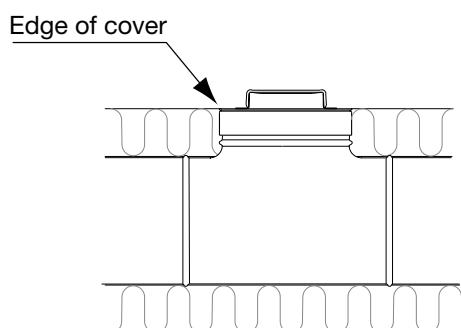
- a) that the insulation forms a tight seal around the casing of cleaning covers.

The risk of gaps occurring is particularly significant if insulation with joints is applied to covers.

- b) that the insulation is level with the edge between the cover's casing and top.

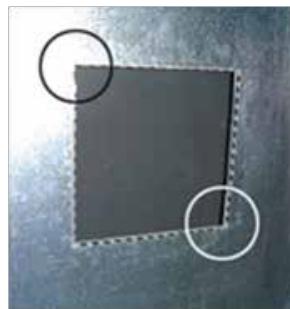


- b) that the insulation is level with the edge between the cover's casing and top.



# Access door

## IPRD



1. Required aperture for door is 32 mm smaller than door size being used, eg 250 x 250mm door hole size is 218 x 218mm.
2. Mark location on duct surface at correct dimensions required for hole size and cut out aperture.
3. Remove door panel.
4. Offer frame into aperture (fig1) and hold in place by pressing down two tabs from diagonally opposite corners (fig 2).
5. Fix frame in position by hammering down the remaining tabs onto the interior of the duct wall (fig 3).
6. The door panel is placed into the frame (fig 4) and located by setting the cam fasteners to provide the degree of tightness required.

- Complete panel, frame and gasket tape system.
- User friendly cam fasteners.
- Rockwool infill provides thermal insulation.
- Compression locking stop which locates the cam fasteners thus holding the door panel in position.
- Radiused formed tabs which reduce the risk of injury on site from sharp edges, allow easy fixing to the duct wall.
- Self Adhesive Gasket tape is fitted to the inside and outside doorframe, thus the door panel is sealed against the frame and the frame is sealed against the duct wall.
- High performance acoustic integrity eliminating the need to be 'covered' when acoustic duct lagging is to be applied to the duct

# Access door

## IPF



Ductmate sandwich access doors offer a cost effective and convenient solution to the problem of gaining access to rectangular ductwork for maintenance or cleaning. Manufactured in a wide variety of sizes Ductmate sandwich access doors also offer the following beneficial features:

- Two sheet metal construction formed by precision "stamping" to provide increased strength.
- Aesthetic appearance.
- User friendly hand knobs to facilitate easy opening and closing without the need for special tools.
- Conical pring design which enables the two piece door to perform as a single unit.
- Opening cut in the duct wall permits the back plate or 'inner plate' to slip easily through and due to the neoprene gasket, form an airtight seal.
- Three piece thermally insulated version available.

### Installation



1. A self adhesive template is provided with certain doors to assist in cutting the correct apertures size. If a template is not provided, the door can be utilised as a template. Position the door and mark around the perimeter. Cut aperture 15mm inside the defined perimeter.



2. Unscrew hand knobs until the knobs sit at the end of the screw. Slip inner plate through duct opening at an angle. Align into position and tighten up the hand knobs.

# Access door

## IPLR

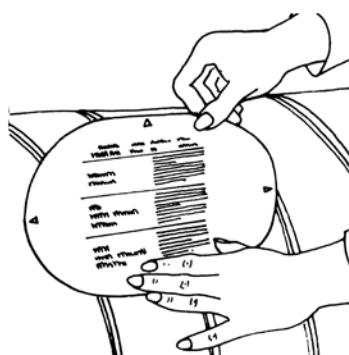


- Two sheet metal construction formed by precision “stamping” to provide increased strength.
- Aesthetic appearance.
- User friendly hand knobs to facilitate easy opening and closing without the need for special tools.
- Conical spring design which enables the two piece door to perform as a single unit.
- Oval shaped opening cut in the duct wall permits the back plate or ‘inner plate’ to slip easily through and due to the neoprene gasket, form an airtight seal.

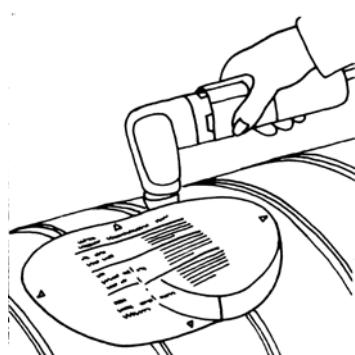
### Installation



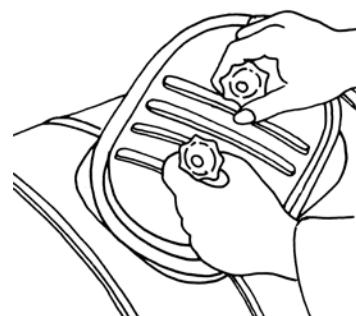
1. A self adhesive template is provided with certain doors to assist in cutting the correct apertures size. If a template is not provided, the door can be utilised as a template. Position the door and mark around the perimeter. Cut aperture 15mm inside the defined perimeter.
2. Unscrew hand knobs until the knobs sit at the end of the screw. Slip inner plate through duct opening at an angle. Align into position and tighten up the hand knobs.



1. Stick self adhesive template on to duct (a template is provided with each door).



2. Cut out aperture (there is a tolerance of + 3 mm).



3. Install door by unscrewing the hand knobs until thread is level with top of bolt. Using both hands place the door in the hole at an angle, turn straight and pull out slightly to align. Then tighten knobs.



## Good Thinking

**At Lindab**, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

**We simplify construction**