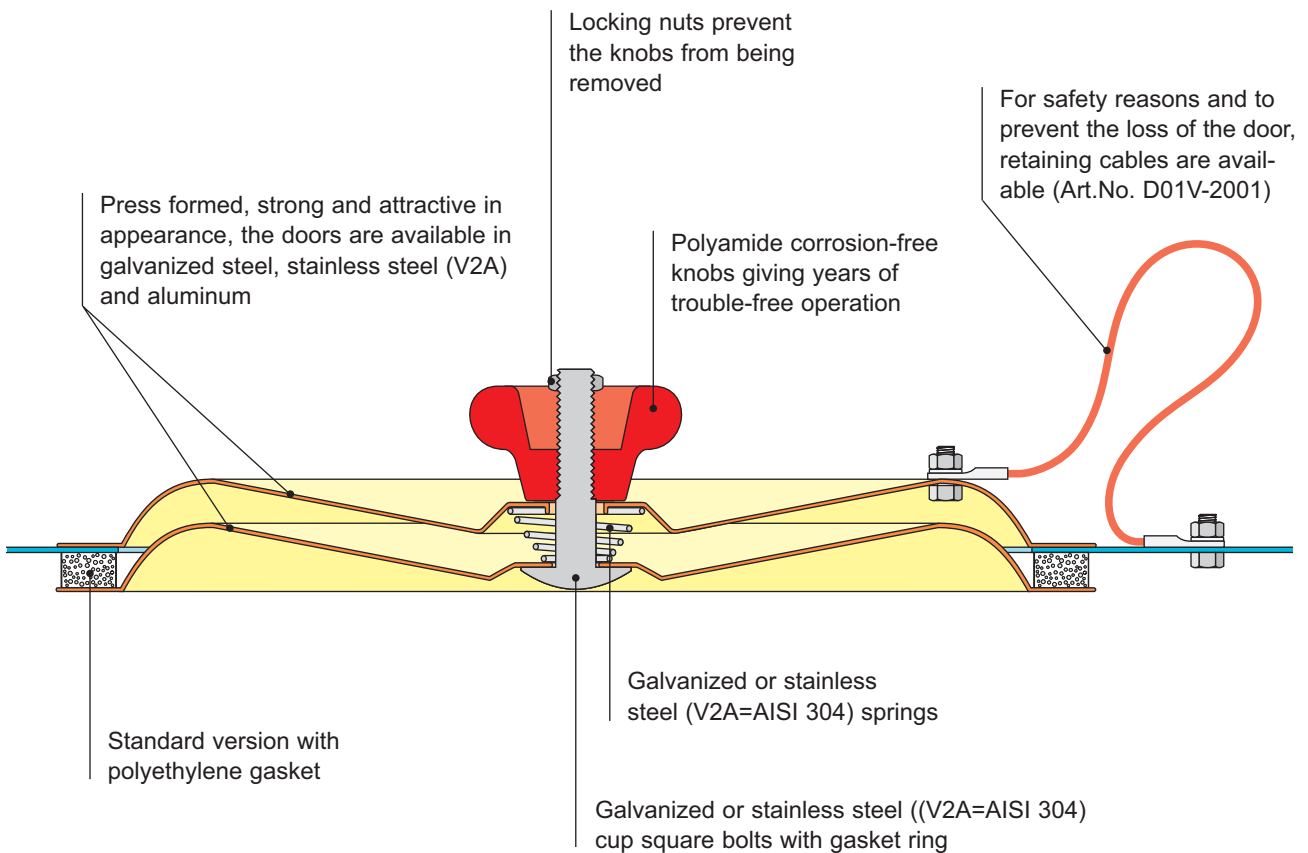




- For rectangular and oval ducts.
- Easy and rapid installation.
- The thin and sometimes wavy duct wall is clamped between two stable covers.
- Two knobs enable the easy handling of the door.
- Available in many sizes and various versions.

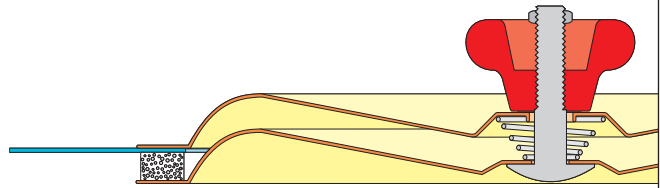


RD VERSIONS

Standard version:

**RD Access Door
with polyethylene (PE) gasket
and polyamid knobs**

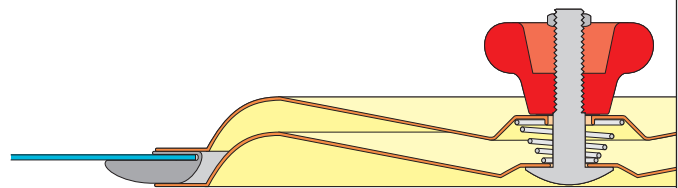
Operating temperature from -70°C (-94°F)
to $+70^{\circ}\text{C}$ ($+158^{\circ}\text{F}$)
Resistant against grease and oils.



With self-adhesive rubber edge molding and polyamide knobs
version:

**RD Access Door with SKK
with self-adhesive rubber edge molding
and polyamid knobs**

Operating temperature from -70°C (-94°F)
to $+100^{\circ}\text{C}$ ($+212^{\circ}\text{F}$)

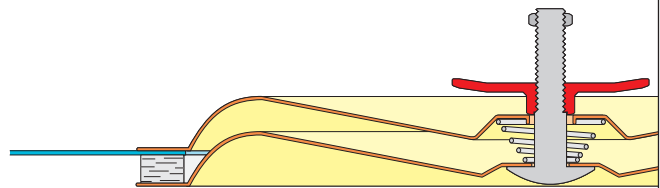


For operating temperatures above $+70^{\circ}\text{C}$ ($+158^{\circ}\text{F}$) version:

**RD Access Door HT (High Temperature)
with ceramic wool gasket and
and steel knobs**

Resists temperatures up to approx. $+400^{\circ}\text{C}$ ($+752^{\circ}\text{F}$),
temperature corresponding to the zinc's melting point.

Note: In most cases the gasket has to be replaced
after each opening.

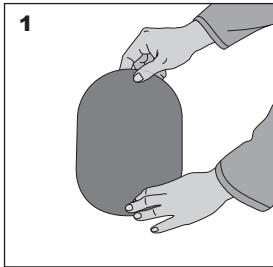


All the above mentioned versions are available in galvanized steel, stainless steel and aluminum.

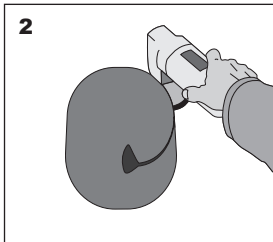
In case of higher requirements regarding the resistance to abrasion (pneumatic transport for instance) or for improved aerodynamic properties, we also offer access doors with a 3rd plate which is welded in the inside panel of the door. Since this 3rd plate also serves insulation purposes, this access door is described as IRD-3PL under „IRD Insulated Access Doors“.

- More information about the rubber edge molding (SKK) can be found in the „Additional Information No. 6“ .
- Detailed information about our gaskets can be found in the „Additional Information No. 9 and 12“.
- Information about the access doors water-tightness can be found in the „Additional Information No. 24“.
- Detailed information about the polyamide knobs can be found in the „Additional Information No. 8“.
- Fire resistance test results can be found in the „Additional Information No. 29“.

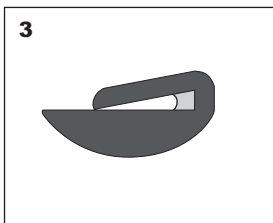
INSTALLATION



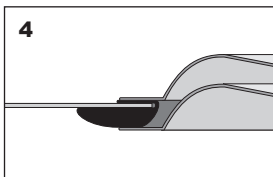
Apply the self-adhesive template on the duct wall at the desired position.



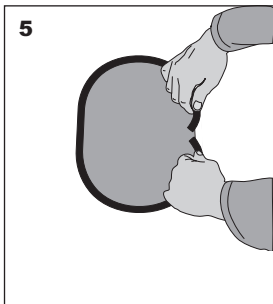
Cut the opening following the edge of the template.



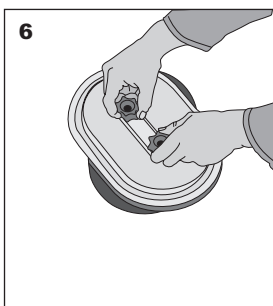
Only for access doors ordered with SKK rubber edge molding:
The SKK molding is fitted with injected glue. It can be applied on duct walls up to 2 mm thickness (Gage 14).



Only for access doors ordered with SKK rubber edge molding:
The thicker lip of the SKK must be inside the duct.



Only for access doors ordered with SKK rubber edge molding:
Apply the SKK molding so that the duct wall enters as deeply as possible into the pocket. Both ends should meet at a straight section, pressing slightly against each other but without overlapping.



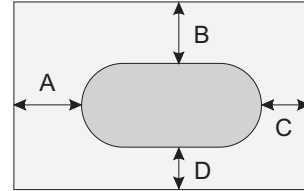
Door installation: turn the knobs till they hit the stops and insert the inner door panel inside the opening at an angle. Then straighten the door, pull it lightly to center it and tighten the knobs.



Knob torque figures are available in the document „Additional Information no. 20“.

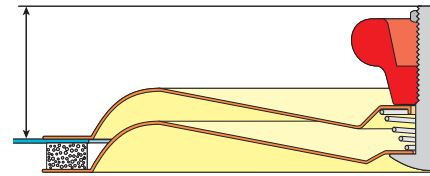
Template dimensions are available in the document „Additional Information no. 26“.

INSTALLATION DIMENSIONS:
Please be aware of the following opening position limitations:



- A = min. 50 mm (1.97 in)
- B = min. 50 mm (1.97 in)
- C = min. 15 mm (0.59 in)
- D = min. 15 mm (0.59 in)

Distance between ductwall and knob when Access Door knobs are tightened:



- RD 18 = approx. 37 mm
- RD 21 = approx. 35 mm
- RD 315 = approx. 50 mm
- RD 32 = approx. 50 mm
- RD 42 = approx. 50 mm
- RD 43 = approx. 56 mm
- RD 53 = approx. 56 mm
- RD 54 = approx. 67 mm
- RD 64 = approx. 67 mm
- RD 65 = approx. 73 mm
- RD 75 = approx. 73 mm

AIR-TIGHTNESS:

Correctly installed RD Access Doors are air-tight up to at least + 5000 Pa and at least - 5000 Pa (500 mm w.g. or ≈ 20 in w.g.)

ORDER RANGE

RD Access Doors (Standard versions)		RD Access Doors with SKK (With SKK rubber edge molding)		RD Access Doors HT (For operating temp. above +70°C)	
Art.No.	Description	Art.No.	Description	Art.No.	Description
180 x 80 mm (7 x 3 in)		180 x 80 mm (7 x 3 in)		180 x 80 mm (7 x 3 in)	
D01A-1001	RD 18 galv	D01A-1101	RD 18 galv with SKK	D01A-1201	RD 18 galv HT
D01B-1001	RD 18 V2A	D01B-1101	RD 18 V2A with SKK	D01B-1201	RD 18 V2A HT
D01C-1001	RD 18 Alu	D01C-1101	RD 18 Alu with SKK	D01C-1201	RD 18 Alu HT
200 x 100 mm (8 x 4 in)		200 x 100 mm (8 x 4 in)		200 x 100 mm (8 x 4 in)	
D01A-1002	RD 21 galv	D01A-1102	RD 21 galv with SKK	D01A-1202	RD 21 galv HT
D01B-1002	RD 21 V2A	D01B-1102	RD 21 V2A with SKK	D01B-1202	RD 21 V2A HT
D01C-1002	RD 21 Alu	D01C-1102	RD 21 Alu with SKK	D01C-1202	RD 21 Alu HT
D01E-1002	RD 21 V4A	D01E-1102	RD 21 V4A with SKK	D01E-1202	RD 21 V4A HT
300 x 150 mm (12 x 6 in)		300 x 150 mm (12 x 6 in)		300 x 150 mm (12 x 6 in)	
D01A-1003	RD 315 galv	D01A-1103	RD 315 galv with SKK	D01A-1203	RD 315 galv HT
D01B-1003	RD 315 V2A	D01B-1103	RD 315 V2A with SKK	D01B-1203	RD 315 V2A HT
D01C-1003	RD 315 Alu	D01C-1103	RD 315 Alu with SKK	D01C-1203	RD 315 Alu HT
300 x 200 mm (12 x 8 in)		300 x 200 mm (12 x 8 in)		300 x 200 mm (12 x 8 in)	
D01A-1004	RD 32 galv	D01A-1104	RD 32 galv with SKK	D01A-1204	RD 32 galv HT
D01B-1004	RD 32 V2A	D01B-1104	RD 32 V2A with SKK	D01B-1204	RD 32 V2A HT
D01C-1004	RD 32 Alu	D01C-1104	RD 32 Alu with SKK	D01C-1204	RD 32 Alu HT
D01E-1004	RD 32 V4A	D01E-1104	RD 32 V4A with SKK	D01E-1204	RD 32 V4A HT
400 x 200 mm (16 x 8 in)		400 x 200 mm (16 x 8 in)		400 x 200 mm (16 x 8 in)	
D01A-1005	RD 42 galv	D01A-1105	RD 42 galv with SKK	D01A-1205	RD 42 galv HT
D01B-1005	RD 42 V2A	D01B-1105	RD 42 V2A with SKK	D01B-1205	RD 42 V2A HT
D01C-1005	RD 42 Alu	D01C-1105	RD 42 Alu with SKK	D01C-1205	RD 42 Alu HT
400 x 300 mm (16 x 12 in)		400 x 300 mm (16 x 12 in)		400 x 300 mm (16 x 12 in)	
D01A-1006	RD 43 galv	D01A-1106	RD 43 galv with SKK	D01A-1206	RD 43 galv HT
D01B-1006	RD 43 V2A	D01B-1106	RD 43 V2A with SKK	D01B-1206	RD 43 V2A HT
D01C-1006	RD 43 Alu	D01C-1106	RD 43 Alu with SKK	D01C-1206	RD 43 Alu HT
D01E-1006	RD 43 V4A	D01E-1106	RD 43 V4A with SKK	D01E-1206	RD 43 V4A HT
500 x 300 mm (20 x 12 in)		500 x 300 mm (20 x 12 in)		500 x 300 mm (20 x 12 in)	
D01A-1007	RD 53 galv	D01A-1107	RD 53 galv with SKK	D01A-1207	RD 53 galv HT
D01B-1007	RD 53 V2A	D01B-1107	RD 53 V2A with SKK	D01B-1207	RD 53 V2A HT
D01C-1007	RD 53 Alu	D01C-1107	RD 53 Alu with SKK	D01C-1207	RD 53 Alu HT
500 x 400 mm (20 x 16 in)		500 x 400 mm (20 x 16 in)		500 x 400 mm (20 x 16 in)	
D01A-1008	RD 54 galv	D01A-1108	RD 54 galv with SKK	D01A-1208	RD 54 galv HT
D01B-1008	RD 54 V2A	D01B-1108	RD 54 V2A with SKK	D01B-1208	RD 54 V2A HT
D01C-1008	RD 54 Alu	D01C-1108	RD 54 Alu with SKK	D01C-1208	RD 54 Alu HT
D01E-1008	RD 54 V4A	D01E-1108	RD 54 V4A with SKK	D01E-1208	RD 54 V4A HT
600 x 400 mm (24 x 16 in)		600 x 400 mm (24 x 16 in)		600 x 400 mm (24 x 16 in)	
D01A-1009	RD 64 galv	D01A-1109	RD 64 galv with SKK	D01A-1209	RD 64 galv HT
D01B-1009	RD 64 V2A	D01B-1109	RD 64 V2A with SKK	D01B-1209	RD 64 V2A HT
D01C-1009	RD 64 Alu	D01C-1109	RD 64 Alu with SKK	D01C-1209	RD 64 Alu HT
600 x 500 mm (24 x 20 in)		600 x 500 mm (24 x 20 in)		600 x 500 mm (24 x 20 in)	
D01A-1010	RD 65 galv	D01A-1110	RD 65 galv with SKK	D01A-1210	RD 65 galv HT
D01B-1010	RD 65 V2A	D01B-1110	RD 65 V2A with SKK	D01B-1210	RD 65 V2A HT
D01C-1010	RD 65 Alu	D01C-1110	RD 65 Alu with SKK	D01C-1210	RD 65 Alu HT
D01E-1010	RD 65 V4A	D01E-1110	RD 65 V4A with SKK	D01E-1210	RD 65 V4A HT
700 x 500 mm (28 x 20 in)		700 x 500 mm (28 x 20 in)		700 x 500 mm (28 x 20 in)	
D01A-1011	RD 75 galv	D01A-1111	RD 75 galv with SKK	D01A-1211	RD 75 galv HT
D01B-1011	RD 75 V2A	D01B-1111	RD 75 V2A with SKK	D01B-1211	RD 75 V2A HT
D01C-1011	RD 75 Alu	D01C-1111	RD 75 Alu with SKK	D01C-1211	RD 75 Alu HT
D01E-1011	RD 75 V4A	D01E-1111	RD 75 V4A with SKK	D01E-1211	RD 75 V4A HT

CAUTION: V2A corresponds to stainless steel AISI 304, and V4A corresponds to stainless steel AISI 316Ti.
 The RD access doors made of aluminum are fitted with V2A bolts, nuts and springs.
 The RD access doors made of V4A are fitted with V2A bolts, nuts and springs.
 The high temperature aluminum versions are fitted with V2A steel knobs.
 All imperial units are approximations!