memmert

Experts in Thermostatics

Assembly

INSTRUCTIONS

↳ Installing jambs for a pass-through oven

100% ATMOSAFE. MADE IN GERMANY.

www.memmert.com | www.atmosafe.net

1. Introduction

Wall jambs protect the cleanroom from contamination by foreign matter from the grey-room when the Memmert pass-through ovens UF...TS are in operation. These instructions will guide you through the process of positioning the appliance in the cleanroom and installing the wall jambs.

Fig. 1 Pass-through oven UF750TS with wall jamb – view from the cleanroom side

2. Scope of delivery / required parts

Component	Qty.	Part number for appliance ...			
		UF160TS	UF260TS	UF450TS	UF750TS
Assembly	1	B33204	B33205	B33206	B33027
Assembly consists of:					
Side panel, left jamb (cleanroom side)	1	E38307	E38311	E38307	E37410
Side panel, right jamb (cleanroom side)	1	E38308	E38312	E38308	E37417
Upper frame section, jamb (cleanroom side)	1	E38323	E38310	E38330	E38330
Side panel, left jamb (greyroom side)	1	E38303	E38315	E38302	E37415
Side panel, right jamb (greyroom side)	1	E38304	E38316	E38303	E37414
Upper frame section, jamb (greyroom side)	1	E38321	E38317	E38327	E38327
Screw connection M3 x 6 Torx	60	E05772	E05772	E05772	E05772

3. Required tools and equipment

- Torx screwdriver size 15
- Cordless screwdriver
- Silicone for grouting (optional)
- Ø 2.5 mm countersink drill, small

MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

© 2017 Memmert GmbH + Co. KG

4. Preparing the wall cut-out

When making the wall cut-out, ensure that its size is between the minimum and maximum dimensions. If the wall cut-out is too small, the appliance cannot be positioned.
If the cut-out is too large, the cleanroom will not be sealed properly.

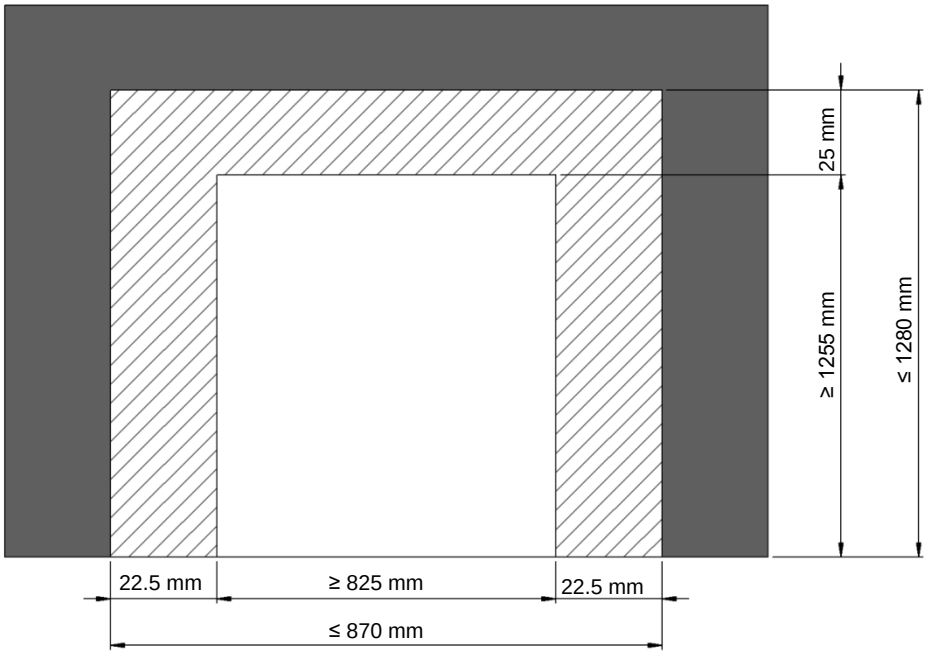
The wall has to be at least 100 mm thick and must not be thicker than 300 mm. This is important to ensure that the service cover on the appliance top is accessible.

The following minimum and maximum dimensions apply for the pass-through ovens UF160TS, UF260TS, UF450TS and UF750TS, which are usually installed on the floor.

Legend:

- Wall
- Tolerance zone
- Cut-out

Wall cut-out dimensions for an UF160TS appliance:



The width allowance is 22.5 mm on each side, i.e. 45 mm in total.

The height allowance is 25 mm.

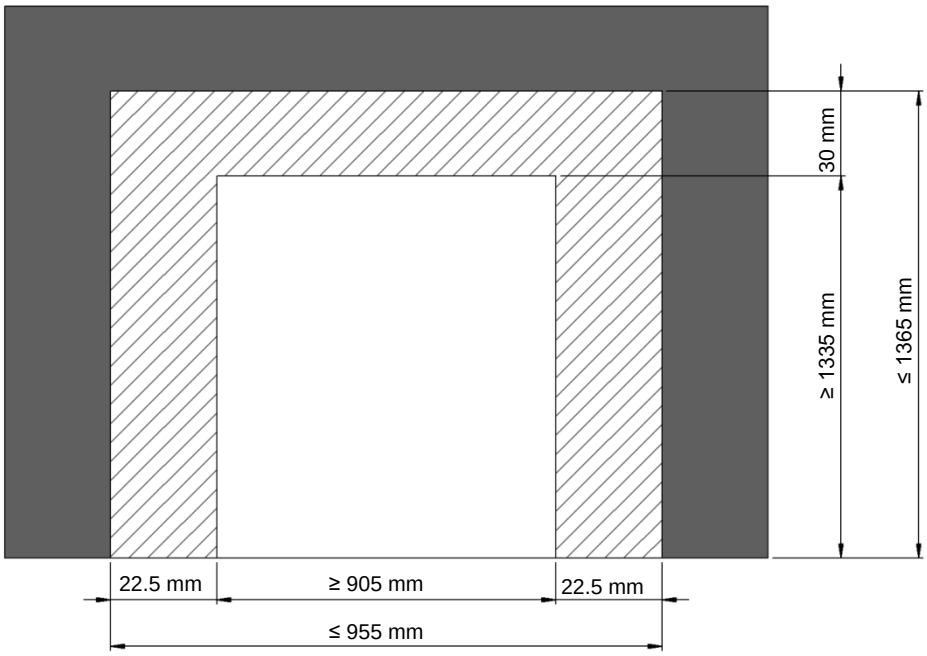
MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

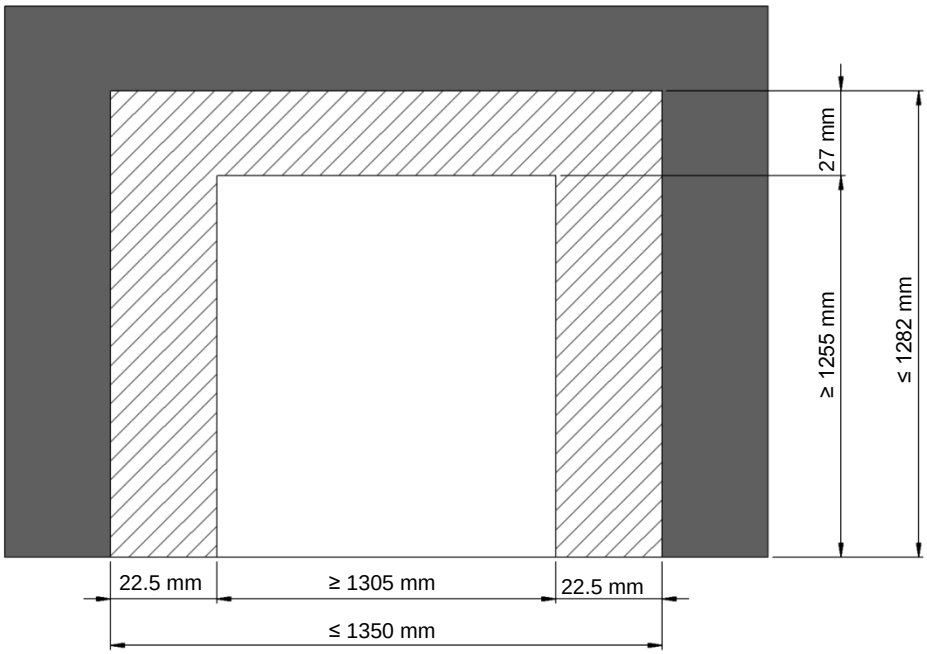
© 2017 Memmert GmbH + Co. KG

Wall cut-out dimensions for an UF260TS appliance:



The width allowance is 22.5 mm on each side, i.e. 45 mm in total.
The height allowance is 30 mm.

Wall cut-out dimensions for an UF450TS appliance:



The width allowance is 22.5 mm on each side, i.e. 45 mm in total.
The height allowance is 27 mm.

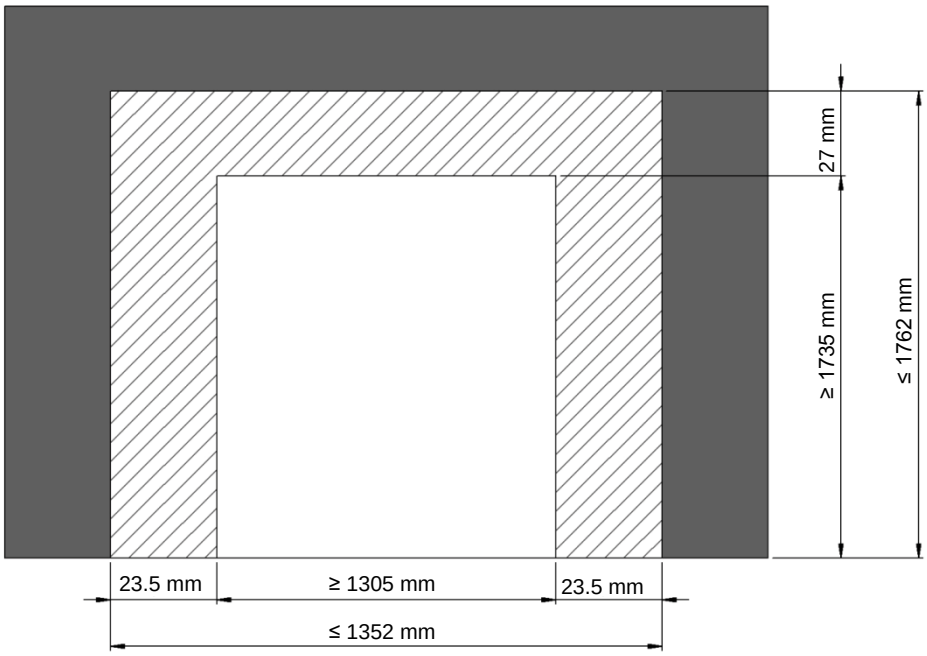
MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

© 2017 Memmert GmbH + Co. KG

Wall cut-out dimensions for an UF750TS appliance:



The width allowance is 23.5 mm on each side, i.e. 47 mm in total.
The height allowance is 27 mm.

5. Pre-assembling the jamb sets

You need two sets of jambs: one for the cleanroom side and one for the greyroom side.

Each jamb set consists of three components:

- Left side panel
- Right side panel
- Upper frame section

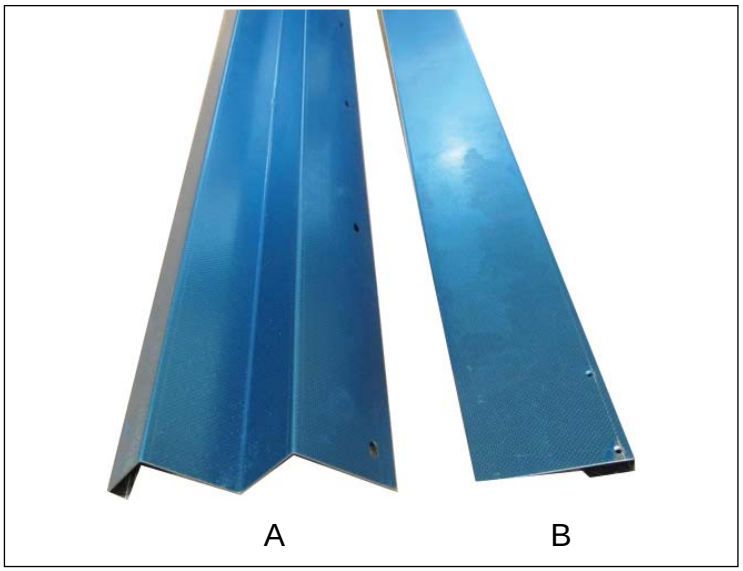


Fig. 2 Side panels on the cleanroom side (A) and on the greyroom side (B)

1. Before you begin with the assembly, lay the three individual parts out on a scratch-resistant surface to protect your working area.

MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

© 2017 Memmert GmbH + Co. KG

Fig. 3 shows the pre-assembled wall jambs. The jamb that is flush with the shutter box is the cleanroom jamb (D), the narrow jamb is the greyroom jamb (C).

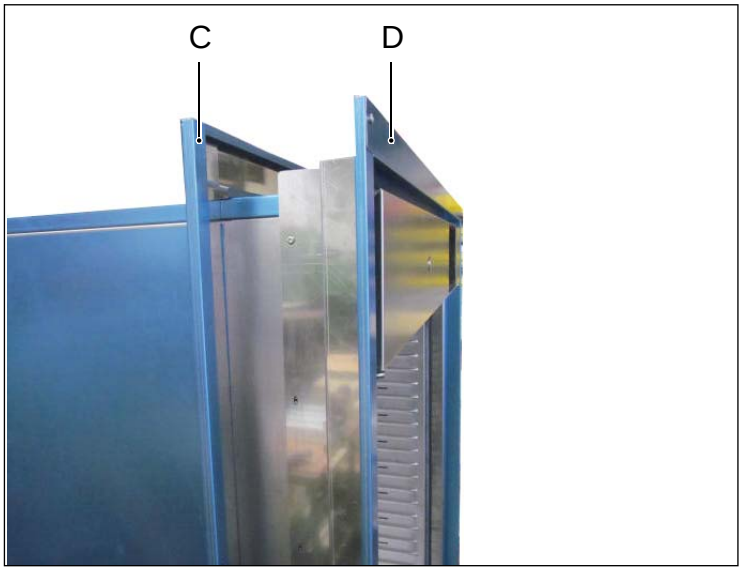


Fig. 3 pre-assembled jambs

2. Both jambs are assembled exactly the same way. Align the three jamb parts with each other at a 90° angle, so that the drill holes in the corners are in a straight line. Remove the blue protective film on the junctures.
3. With a size 15 Torx screwdriver, screw the M3 x 6 mm Torx screws included in the delivery into the extruded holes of the upper frame section to join it to the side panels (Fig. 4)
4. Install the two wall jambs as described.

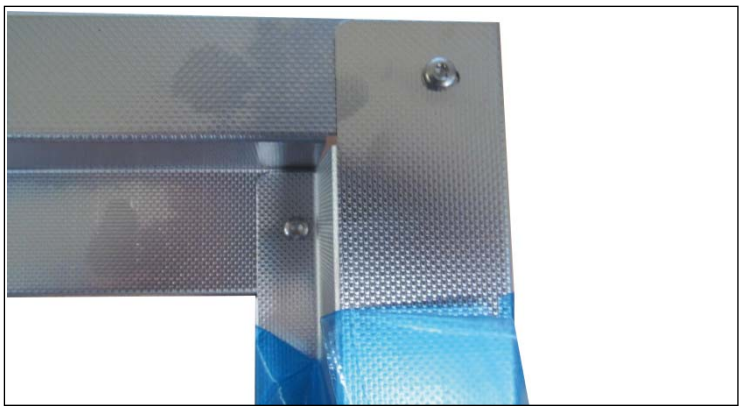


Fig. 4 Installation

MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

© 2017 Memmert GmbH + Co. KG

6. Mounting the cleanroom side jamb onto the appliance

Before positioning the appliance in the wall, mount the cleanroom jamb onto the appliance:

1. On the cleanroom side, align the pre-assembled cleanroom side jamb so that it is flush to the front of the shutter box. (The appliance side with the operating elements is the greyroom side.)
2. Then, mark the position of the slot holes of the jamb on the appliance with a waterproof pen (Fig. 5).
3. Drill holes into the appliance at the marked positions with a Ø 2.5 mm drill.
4. Mount the cleanroom jamb onto the appliance with the M3 x 6 mm Torx screws.
   If you wish, you can grout the joints between the jamb and the appliance with silicone for a perfect seal (not included in the scope of delivery).

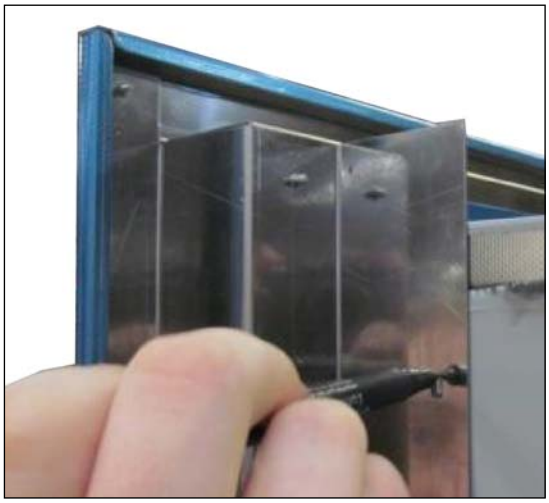


Fig. 5 Marking the slot holes in the jamb on the appliance

MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

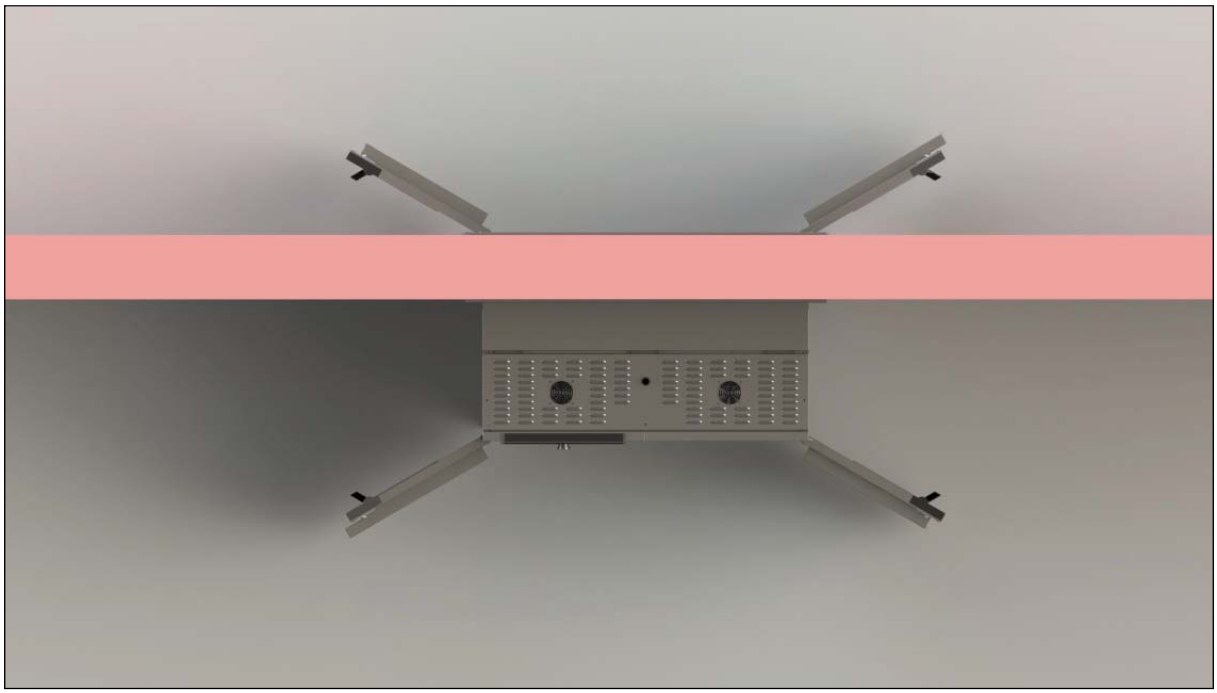
Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

© 2017 Memmert GmbH + Co. KG

7. Positioning the pass-through oven

1. From the cleanroom side, push the appliance with the already mounted cleanroom jamb through the opening in the wall until the cleanroom jamb is flush with the wall.
2. Once the appliance has been positioned correctly, push the greyroom jamb onto the appliance on the greyroom side.
3. Before fixing the greyroom jamb, check that:
   - The cleanroom jamb is flush with the shutter box on the cleanroom side.
   - The cleanroom jamb is flush with the wall.
   - The device height was correctly adjusted with the levelling feet.
   - The pre-assembled greyroom jamb was pushed to the appliance and is flush to the wall.
4. Mark the positions of the slot holes of the greyroom jamb on the appliance as described in section 6. Drill the holes with a Ø 2.5 mm drill. Fix the greyroom jamb to the appliance with the M3 x 6 mm Torx screws.
5. Subsequently, check if the wall jambs completely seal the gaps between the appliance and the jamb as well as between the jamb and the wall.

Cleanroom side



Greyroom side

MEMMERT GmbH + Co. KG
Willi-Memmert-Straße 90-96
D-91186 Büchenbach
Germany

Phone: +49 (0)9122 925-0
Fax: +49 (0)9122 14585
E-mail: sales@memmert.com
Internet: www.memmert.com

Customer service:
Hotline: +49 (0)9171 9792 911
Service fax: +49 (0)9171 9792 979
E-mail: service@memmert.com

© 2017 Memmert GmbH + Co. KG

memmert

Experts in Thermostatics

Assembly instructions

D33469 | Date 05/2017
englisch

Memmert GmbH + Co. KG
Willi-Memmert-Straße 90-96 | D-91186 Büchenbach
Tel. +49 9122 925-0 | Fax +49 9122 14585
E-Mail: sales@memmert.com
facebook.com/memmert.family
Die Experten-Plattform: www.atmosafe.net