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FLUE SYSTEM ME





SYSTEM ME SINGLE SKIN



Technical Data SYSTEM ME

Application:

Operating Mode: Pressure : Max. working pressure: Operating temperature:

Max. temperature allowed:

Material: Thickness: Sealant: Fuel Type:

Chimney/Flue System/Connecting Flue

Dry/Wet Negative/positive pressure 5000Pa 600°C negative pressure 200°C positive pressure 1000°C negative pressure (max 30 min.) 200°C positive pressure AISI 316L/EN 1.4404 Ø80 - Ø600 (0.6) Elastomer Gas

INSTALLATION NOTES SPECIFICALLY FOR CONDENSING APPLICATIONS.

On all condensing applications, system must be fitted with a minimum 3 degree slope back towards the appliance/s. (appliance and/or system drain point required at lowest point/s.)

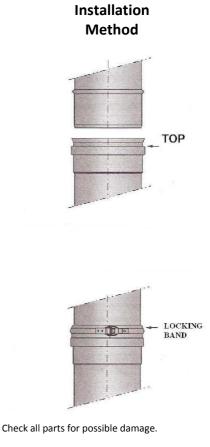
Note: A system slope of 3 degrees equates to 5.2CM per linear metre. Systems must be adequately supported, with horizontal run supports not exceeding two metre centres.

Applications SYSTEM ME

- Shaft liner in renovation projects
- Air inlet & ventilation systems
- Flue system for condensing heaters and boilers
- Chimney renovation

Advantages SYSTEM ME

- Stress free thermal expansion
- Can be connected to System MF
- High quality stainless steel system
- High temperature silicone sealing ring
- Universal application
- Fully welded system with sealing ring
- Light weight system



During installation you may have to use our special installing grease.

The installation of the chimney starts at the appliance and then progresses upwards to the terminal.

The top of each element can be recognised by the profile edge (fig.1).

At the bottom of each section (ME 100) an arrow is printed which indicates the direction of flow.

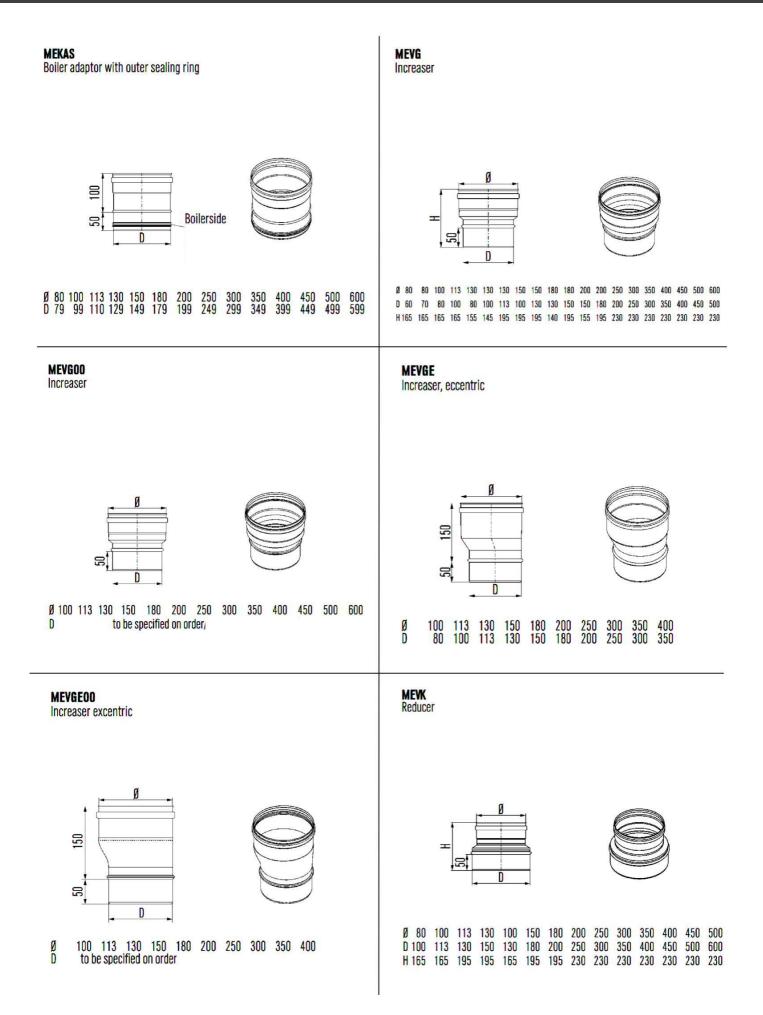
Connect two elements by pushing them vertically into each other. For visual reasons it is advisable to place the welding seams at the rear if possible.

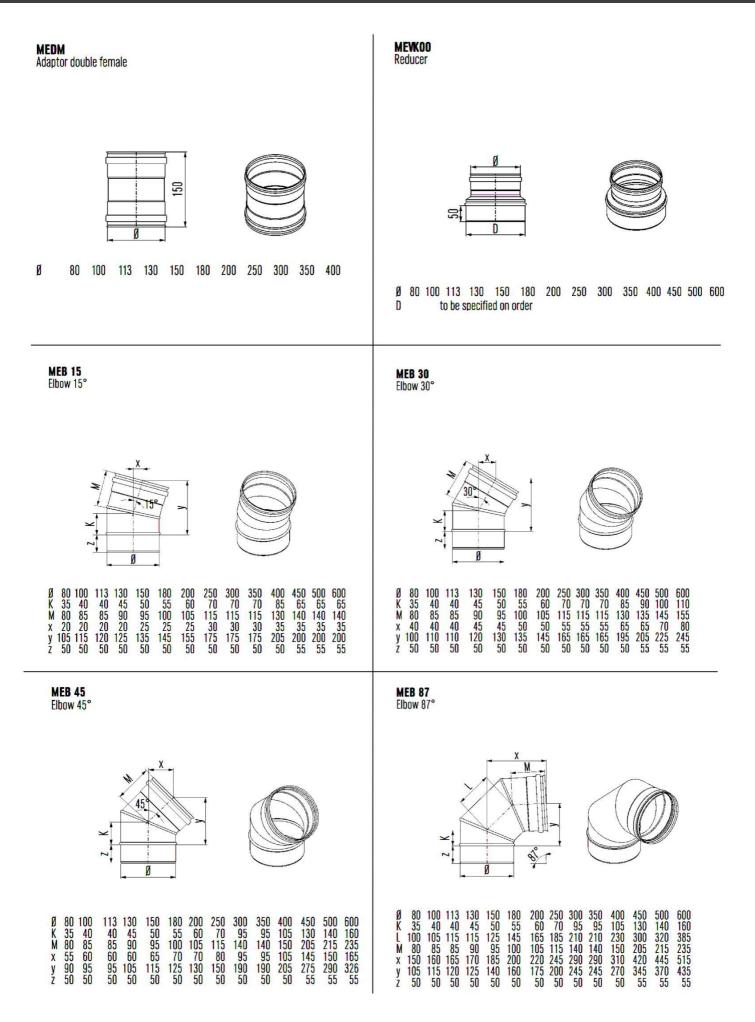
The sealing ring in the inner wall must remain in its position and must not be damaged during connection of the elements.

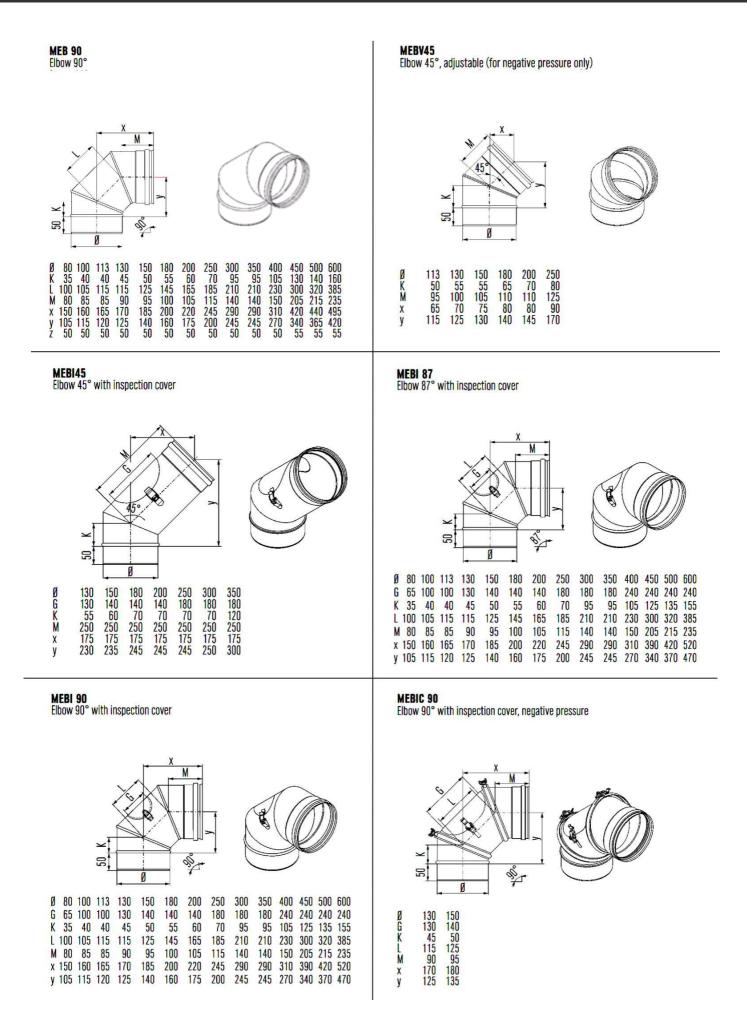
When the elements are connected then fix the locking band (fig. 2)

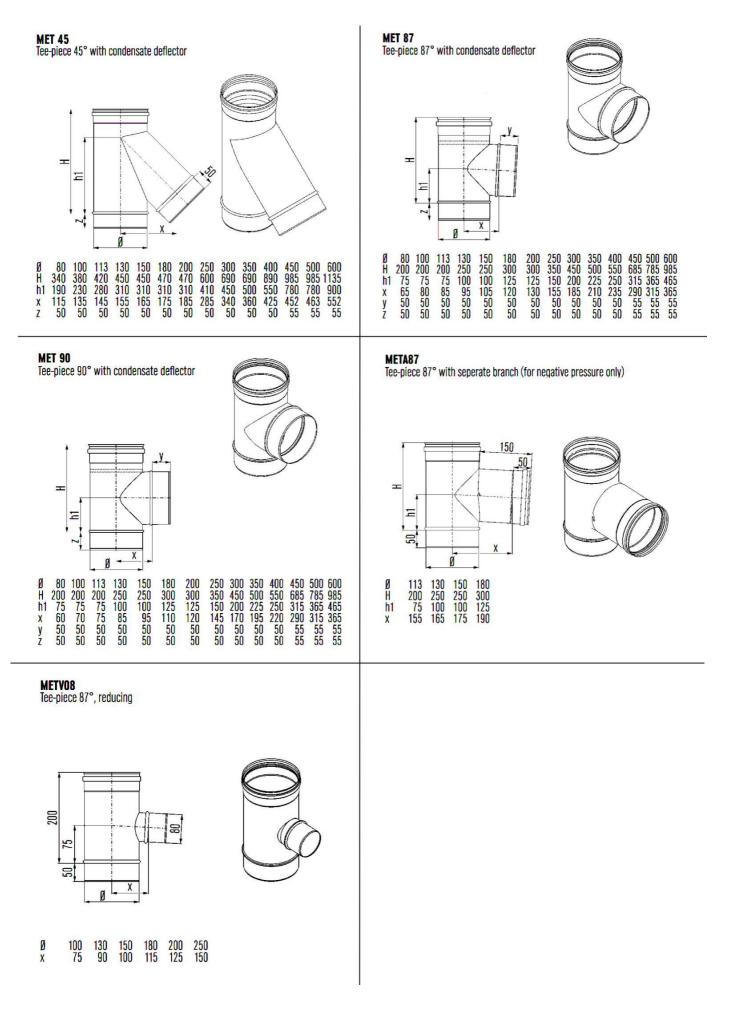
Then install the next element as instructed

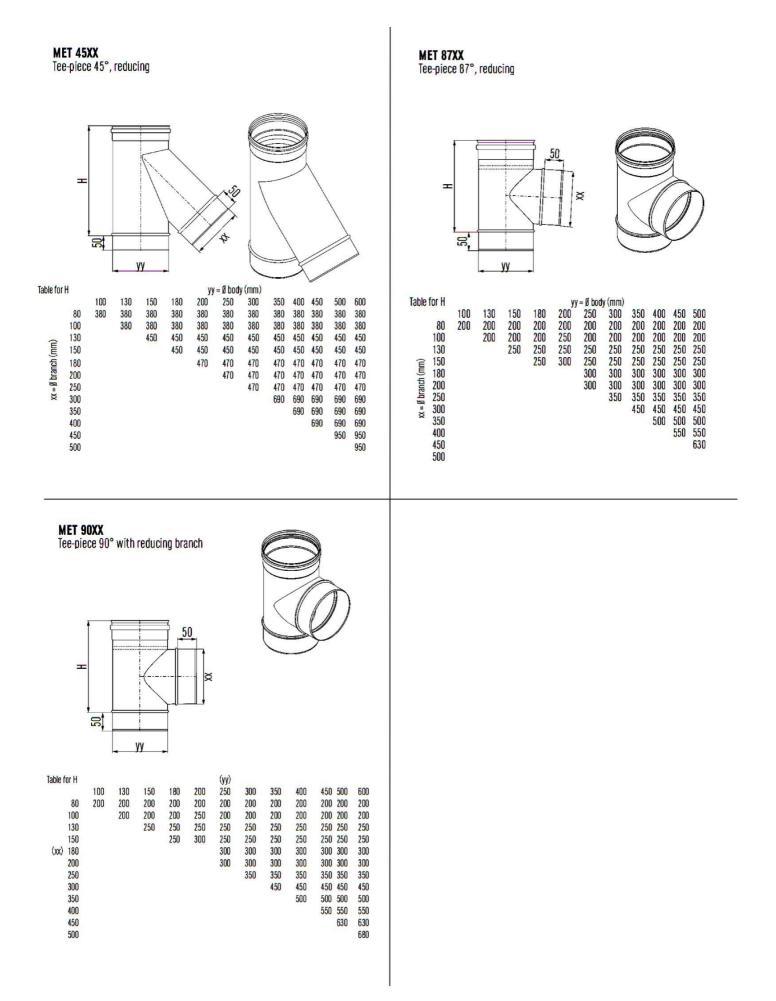
	DIA	METER	CROSS SECTIONAL AREA					WEIGHT (KG/M)		
							-			
Diameter mm	80	100	130	150	180	200	250	300	350	400
Cross Section (cm ²)	50	79	133	177	254	314	491	707	962	1256
Weight (kg/m)	1.5	1.5	2	2.5	3	3	4	4.5	5.5	6

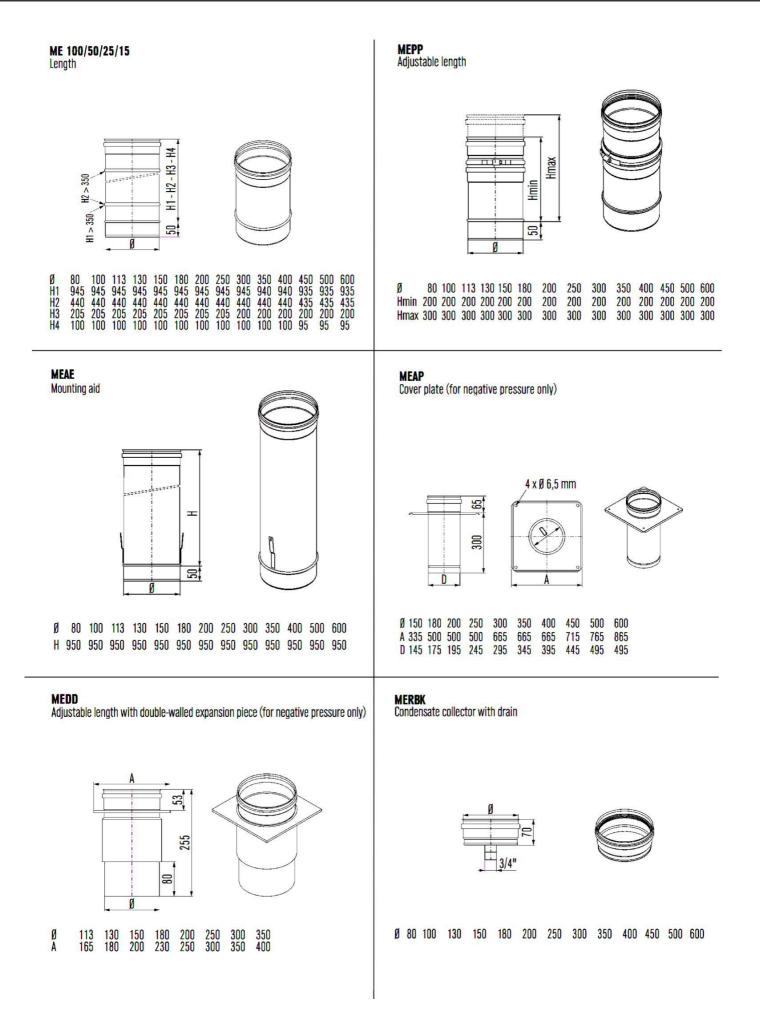


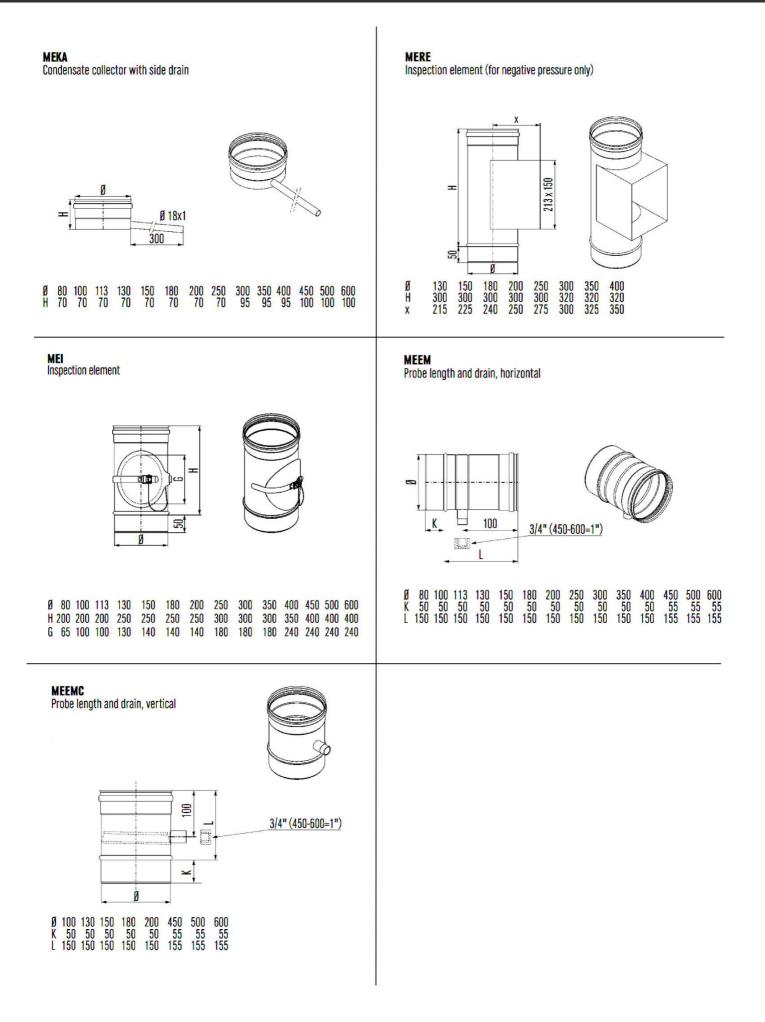


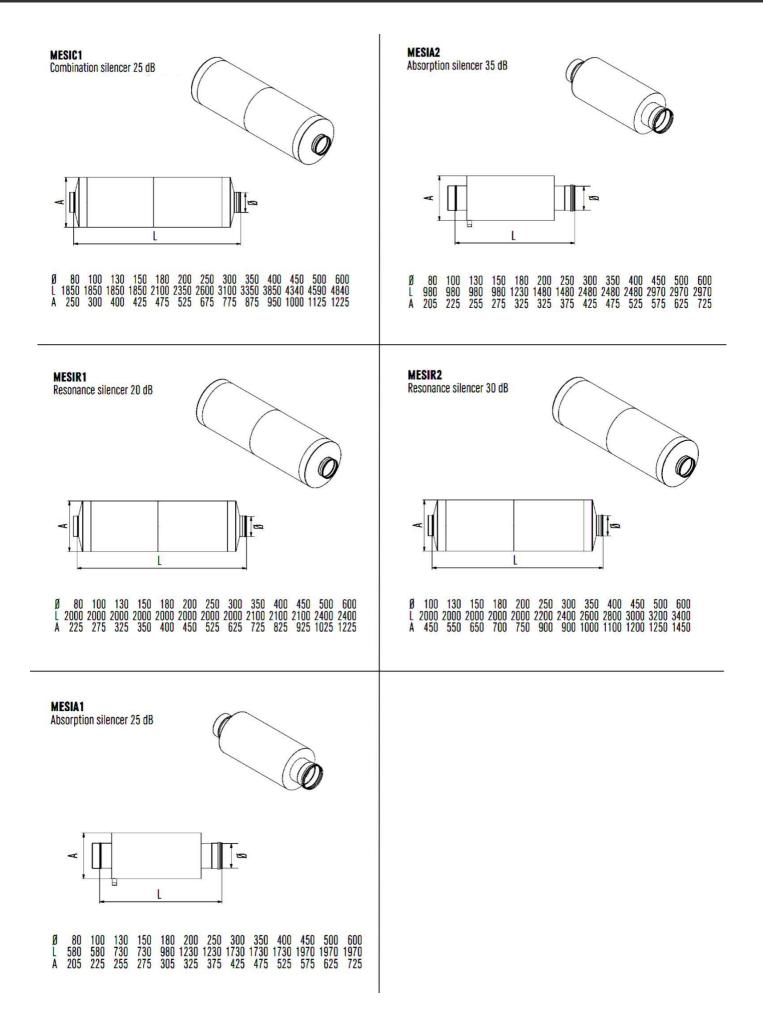


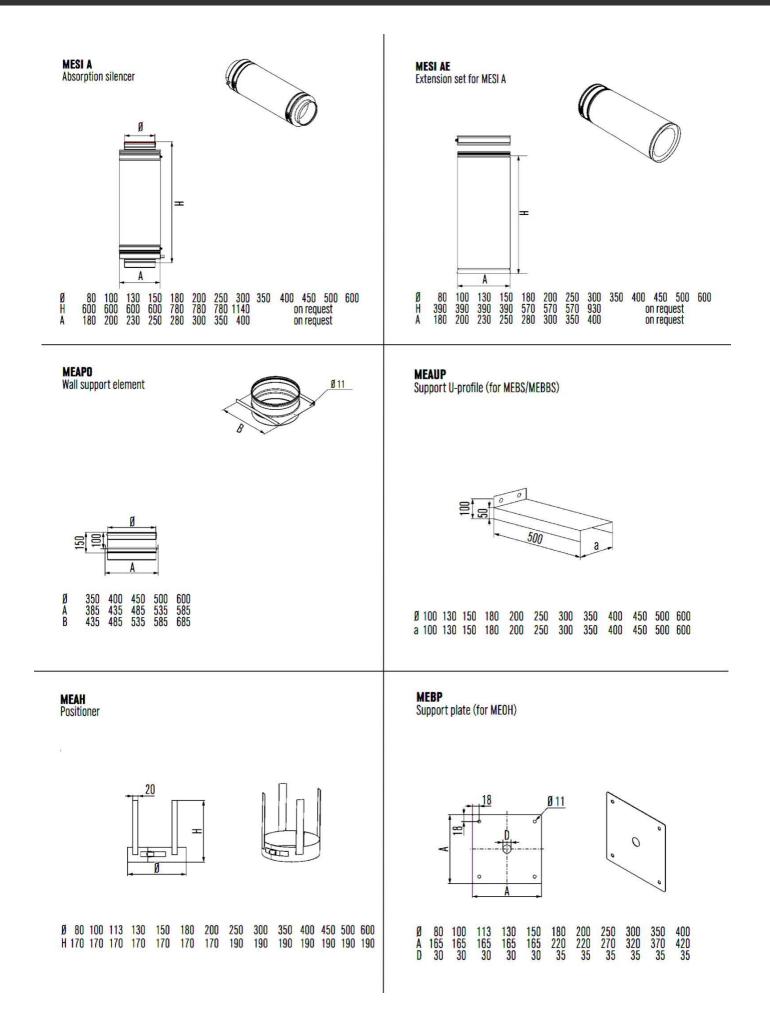


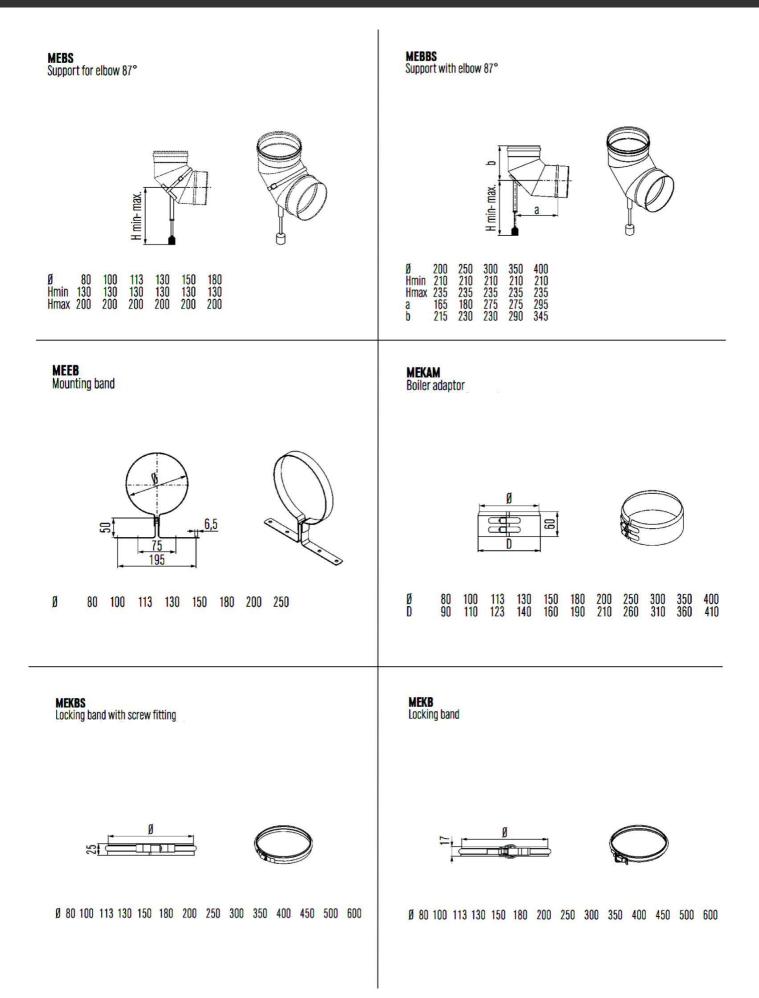


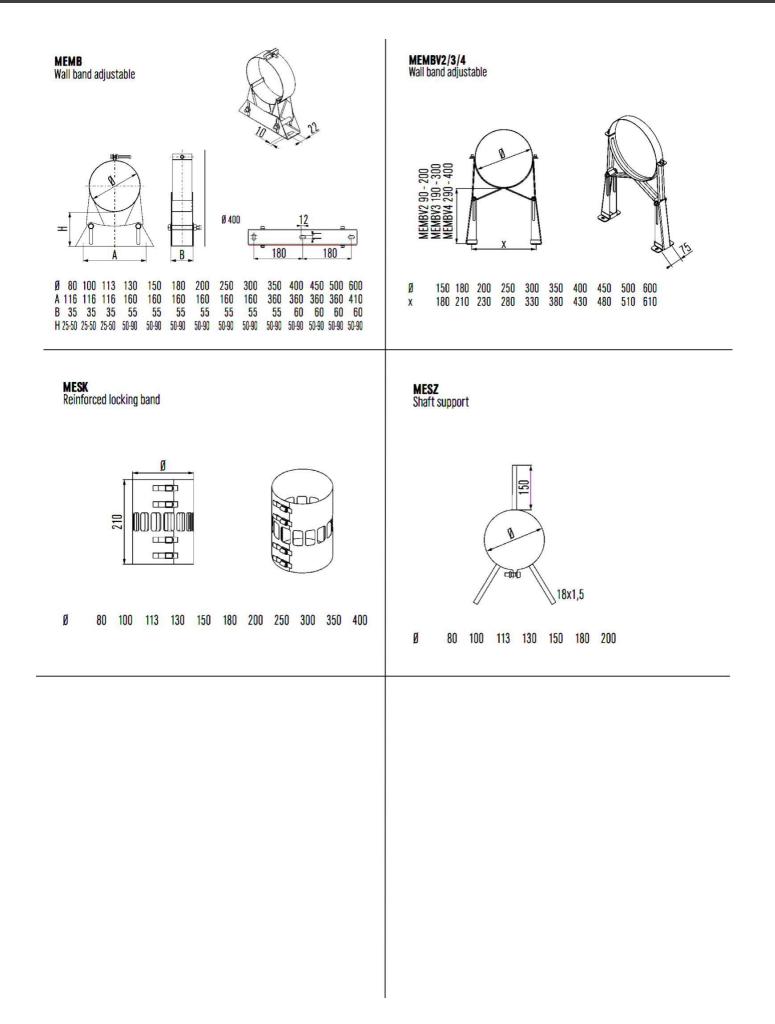


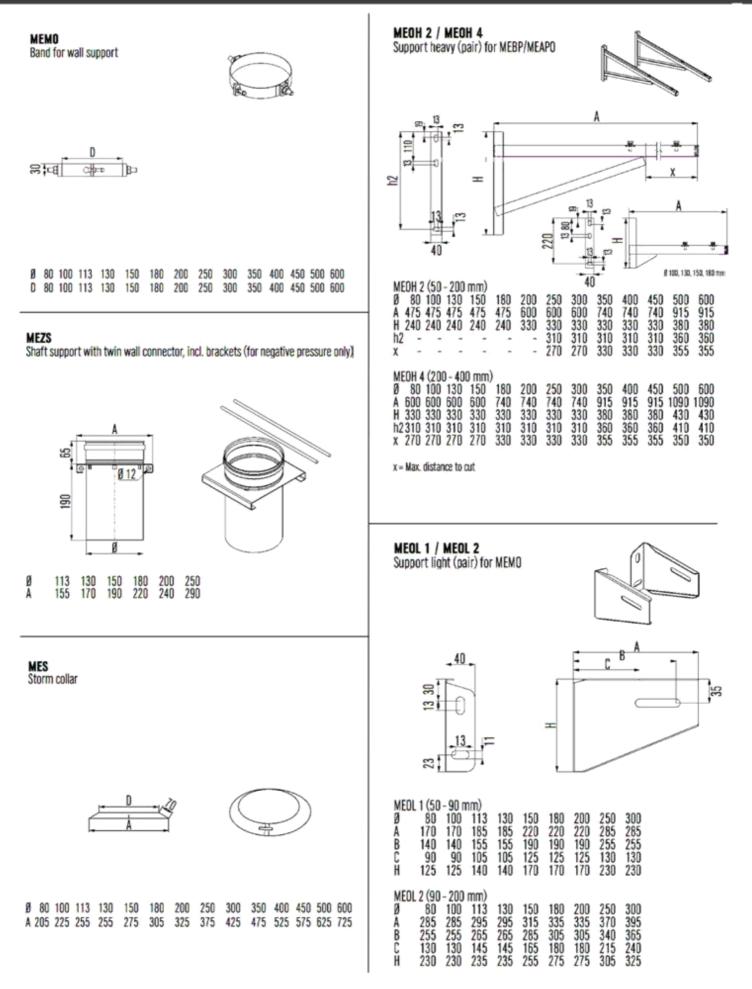


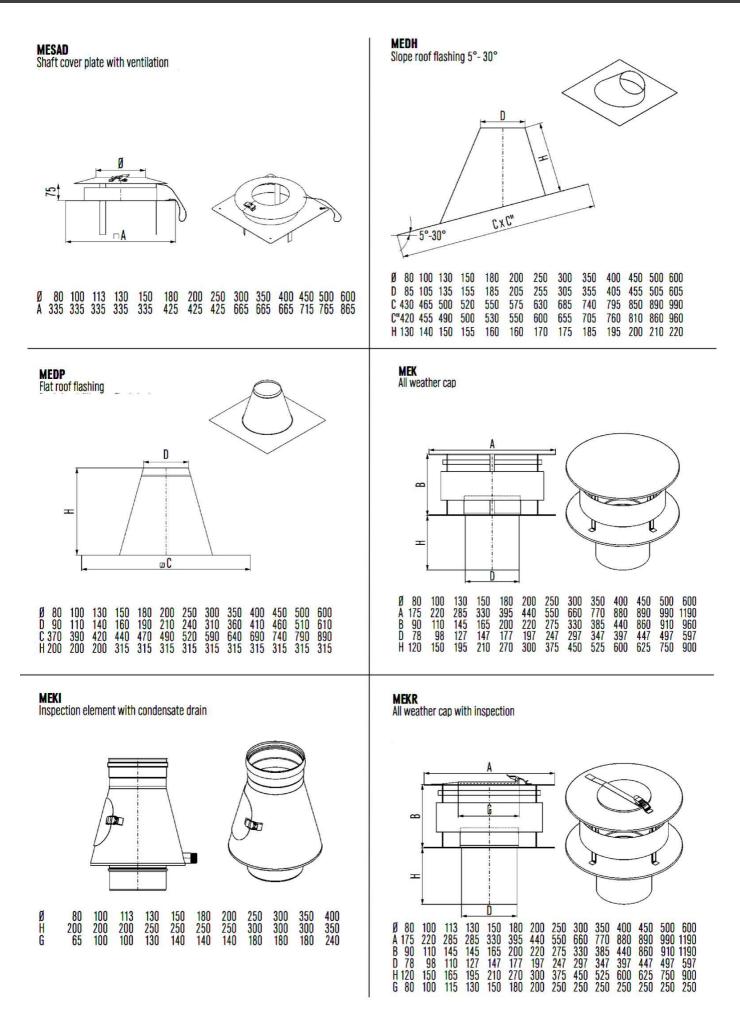


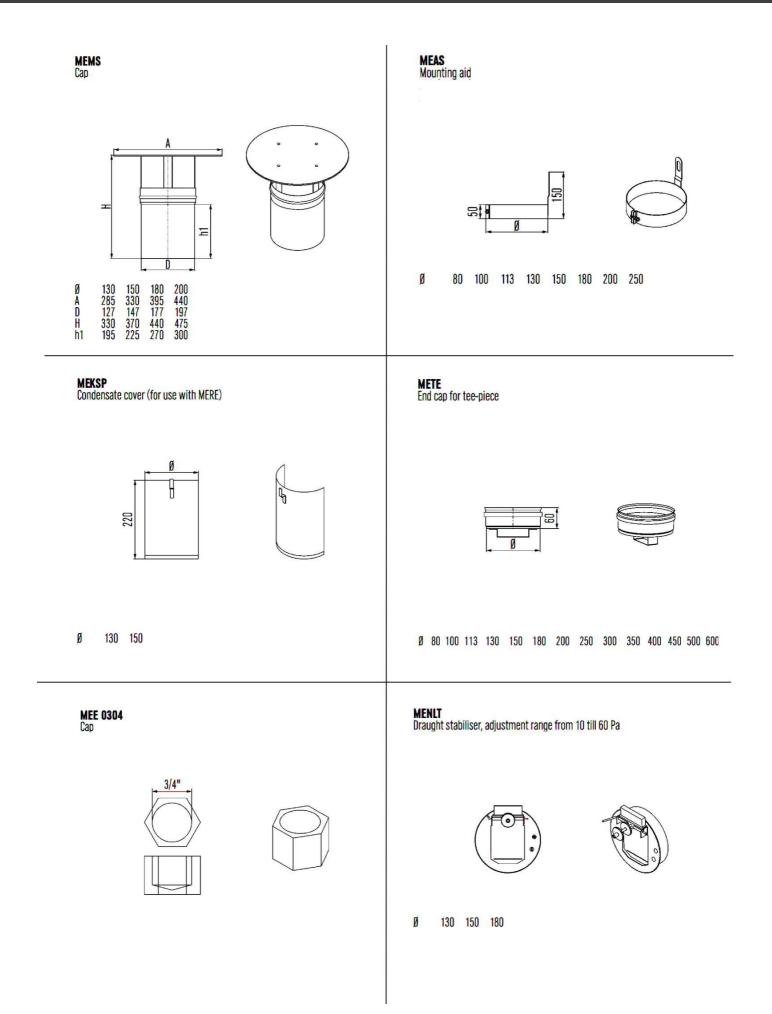


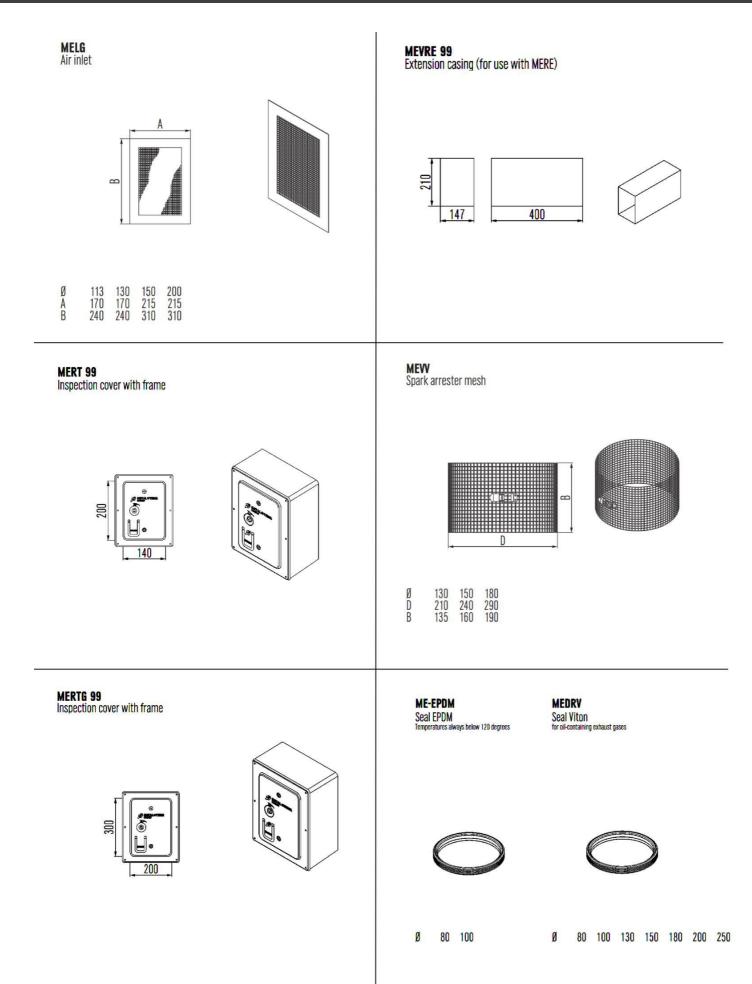












Whilst every effort has been made to provide reliable information and dimension accuracy, Sigram Flue Systems Ltd, do not hold themselves responsible for possible errors of an editorial nature, however caused.

Sigram are committed to the concept of continuous quality and improvement and therefore reserves the right to alter product specification without notice.



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