

Installing the extension for series BM and BE



Note!

Before putting the equipment into operation, it is imperative that you also observe the instructions for use for the corresponding pressure control panel.



Important!

Before installing the individual components, check that the connection thread and the connection gaskets (where fitted) are in perfect condition.



Step 1:

Remove the plastic side cover on the side on which the extension is to be connected to the pressure control panel.



Step 2:

Attach the basic profile of the extension to the wall directly after the pressure control panel using suitable screws and dowels.

→ Note the sticker "Top – Oben," which is attached to the inside of the basic profile and shows the correct mounting direction for the baseplate.



Step 3:

Remove the sealing plug (hexagon socket WAF 6) at the connection point of the pressure control panel process gas valve and remove all residue of the sealing tape. If using compressed air to do this, make sure that the residue of the sealing tape is not blown into the inside of the process gas valve!



Step 4:

Wrap sealing tape around the NPT thread of the compression ring fitting supplied, open the inlet of the process gas valve and screw the fitting into it. The NPT thread should be screwed in by at least 4 full turns.



Step 5:

Now, from below, slide the plate with the attached fittings into the upper groove in the position shown.



Step 6:

Press the fitting plate against the basic profile and carefully slide it into the lower groove.

Pull the plate approx. 20mm to the left so that the stainless steel pipe supplied fits between the two compression ring fittings.

Installing the extension for series BM and BE



Step 7:

Insert the pipe section supplied into the two compression ring fittings as far as the stop and hand-tighten the two union nuts.

Now, using a size 14 open-end wrench, tighten both union nuts (hold in position!) by exactly 1 ¼ turns.



Step 8:

Secure the fitting plate by tightening the stud bolt (hexagon socket WAF 2.5).

Also insert the plastic side section previously removed from the pressure control panel into the open end of the extension basic profile.



Step 9:

Now attach the cylinder bracket to the wall at approximately 2/3 of the cylinder height and in centred position beneath the process gas valves.

Place the cylinders in front of the brackets and secure them with the chain provided.



Step 10:

If no second extension is to be installed, use the sealing plug (hexagon socket WAF 6) removed in Step 3 above to close off the opening on the distributor block.



Step 11:

Connect the pigtails. Proceed as described in the instructions for use for the respective pigtail.

The compression ring fitting of Spectron pigtails is pre-installed at the factory. Insert the end of the pipe with the union nut into the thread fitting of the process gas valve as far as the stop. Now hand-tighten the union nut and then tighten by approximately 1/16 of a turn with a matching wrench. To do this, hold the thread fitting with a second wrench.



Important!

All connection points must be leak-tested with inert gas before putting the equipment into operation!