Documentation

The following information sheets illustrate the description below:

60-YM01-4G-E	Sectional view of the extension with main dimensions
60-YD01-4M-E	Sectional view of the lance with extension
60-W101-6R-E	Sectional view of the head of the lance with atomizer and reverse disc

General

The extension 60-B with the matched lance is especially suitable for use in or on an oil burner and is designed to operate air or steam atomisers type 60-Y.

The extension is suitable for supply pressures up to 40 bar and fuel temperatures up to 140°C.

Mounting

The atomizer and reverse disc are to be removed from the burnerlance and to be build in at the correct side on the extension according to information sheet 60-W101-4R-E.

To ensure adequate sealing, the sealing surfaces at the adaptor, at both sides of the reverse disc and at the atomizer should not be damaged. Never use any additional sealant on these surfaces.

Remove the capnut from the extension. Make sure all parts involved are clean and free from any dust or other particles. Place the atomiser and reverse disc, in the right order and position, straight inside the capnut as shown in sheet 60-W101-6R-E.

It is advised to apply a little "Molykote HSC" or equivalent compound, on the thread of the adaptor only, to prevent problems when dismounting the capnut after a longer period. The sealing surface of the adaptor, the inside of the extension and the Y-atomiser are to be kept absolutely clean.

Now carefully screw on the capnut containing the discs by hand as tight as possible. Tighten the capnut firmly with a spanner. The adaptor has flat sides to hold the extension while screwing or unscrewing the capnut. These flats exclusively serve this one purpose!

At last screw on the extension containing the thread nut and sealing ring, supported and lined out, carefully by hand as tight as possible onto the lance. Tighten the adaptor of the extension and lance firmly with a spanner by holding the thread nut.

Maintenance

The extension normally does not require any maintenance. Wear or damage of the orifice and the swirler highly depend on fuel quality. These parts are easy to exchange. The extension has no moving parts.