



TOOLS AND ASSEMBLY KIT



HEATING &
COOLING MATS

PREFABRICATED
PRODUCTS

TUBES, SUPPLY &
RETURN LINES

CONNECTION
COMPONENTS

FITTINGS

MEASUREMENT &
CONTROL TECHNOLOGY

SYSTEM SEPERATION
PLASTIC MANIFOLD

FIXING
MATERIAL

TOOLS &
ASSEMBLY KIT

11 Tools & Assembly Kit

The following tool assortment must be readily available on all construction sites for professional installation of the Clina mats and the PP-tube installation. Further special tools are available on request.

11.1 PLIERS FOR CUTTING PLASTIC

TECHNICAL DATA

DESCRIPTION	pliers for cutting plastic
ITEM NO.	WS 20
PIPE - Ø	20-26 mm



11.2 QUICK RELEASE PLIERS

TECHNICAL DATA

DESCRIPTION	quick release pliers for removing the flexible hoses from the push-lock connections
ITEM NO.	WKLZ



11.3 BUTT-WELDING DEVICE

TECHNICAL DATA

DESCRIPTION	butt-welding device incl. work bench holder
ITEM NO.	WSS 1
WELDING MIRROR - Ø	90 mm
OPERATING VOLTAGE	240 V
THERMOSTAT CONTROL	240 V
ELECTRICAL VOLTAGE	600 W



11.4 DEVICE FOR HEATING ELEMENT SOCKET WELDING

TECHNICAL DATA

DESCRIPTION	device for heating element socket welding incl. work bench holder
ITEM NO.	WMS 2
OPERATING VOLTAGE	240 VAC
ELECTRICAL VOLTAGE	800 W



The tools for heating element socket welding of the different pipe dimensions must be ordered separately (see 11.5 on page 107).

11.5 TOOLS FOR HEATING ELEMENT SOCKET WELDING

TECHNICAL DATA

DESCRIPTION	tools for inside socket welding
ITEM NO.	WSM-I 16
TYPE	inside socket welding
PIPE - Ø	16



DESCRIPTION	tools for outside socket welding					
ITEM NO.	WSM 20	WSM 25	WSM 32	WSM 40	WSM 50	WSM 63
TYPE	outside SW*	outside SW*	outside SW*	outside SW*	outside SW*	outside SW*
PIPE - Ø	20	25	32	40	50	63



*SW = socket welding