Lochinvar LOKT series packaged plate heat exchangers are designed for domestic hot water production. Each model within the range contains a series of plates constructed from grade 316L stainless steel which are gasketed together via clip-on nitrile gaskets. The plate assembly is housed within a painted steel frame with a compact footprint.

The unit is designed to heat domestic hot water (DHW) using low temperature hot water (LTHW). The twin headed primary circulating shunt pump mounted on the unit is for heat exchanger control only and is sized to pump the correct volume of LTHW through the heat exchanger to ensure efficient operation. One pump head is used at a time with auto changeover built into the integrated control panel.

Temperature control of the plate heat exchanger is via pipework mounted sensors which modulate the integrated 4 port valve via the unit mounted electronic control system.

Lochinvar LOKT series packaged plate heat exchangers can be used in conjunction with a water storage vessel such as the Lochinvar LST range. The EV 2-65-Z bronze pump will be required to circulate water between the storage vessel and plate heat exchanger.

Water supply quality may adversely affect the efficiency and performance of plate heat exchangers and hot water systems. This situation can intensify where higher temperature or demands exist. It is essential to treat / soften the DHW prior to heating to reduce the build up of scale in the heat exchanger. Consult with a water treatment specialist to determine the best method of treatment for the water in your area.

Regular inspection and de-scaling should be undertaken as part of a responsible service regime.

The Lochinvar LOKT series packaged plate heat exchangers have several ancillary options available, These need to be specified at the point of ordering as each plate heat exchanger is built to order:

FW 08: Flexi wrap insulation jacket.
BMS 1: Remote on/off.
BMS 2: Common fault signal for Single Pump.
BMS 3: Common fault signal for Twin Pump.

Full warranty terms and conditions are available at www.lochinvar.ltd.uk

Lochinvar Ltd reserves the right to change specifications without prior notice.

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