

# TECHNICAL PRODUCT SUBMITTAL

## LOKE8-50



|                             |               |
|-----------------------------|---------------|
| <b>Output</b>               |               |
| Heat Transfer Duty          | kW            |
| Thermal efficiency          | %             |
| <b>Primary Side</b>         |               |
| Inlet Temperature           | °C            |
| Outlet Temperature          | °C            |
| Fluid Flow Rate             | litre/second  |
| pressure drop               | bar           |
| Connection size and type    | Inch          |
| Max Working Temperature     | °C            |
| Maximum Working Pressure    | bar           |
| <b>Secondary Side</b>       |               |
| Inlet Temperature           | °C            |
| Outlet Temperature          | °C            |
| Fluid Flow Rate             | litres/second |
| pressure drop               | bar           |
| Connection size and type    | Inch          |
| Max Working Temperature     | °C            |
| Maximum Working Pressure    | bar           |
| <b>Performance</b>          |               |
| Recovery Rate @ 55°C ΔT     | litres/hour   |
| Recovery Rate @ 55°C ΔT     | litres/second |
| Recovery Rate @ 50°C ΔT     | litres/hour   |
| Recovery Rate @ 50°C ΔT     | litres/second |
| <b>Dimensions</b>           |               |
| Height without base         | mm            |
| Width without base          | mm            |
| Depth without base          | mm            |
| <b>Construction Details</b> |               |
| Plate Material              |               |
| Gasket Material             |               |
| Empty weight                | kg            |
| Gasket WRAS Approval Number |               |

|                          |
|--------------------------|
| <b>LOKE8-50</b>          |
| 50                       |
| 99.5                     |
|                          |
| 75                       |
| 40                       |
| 0.34                     |
| 0.21                     |
| 1"                       |
| 100                      |
| 10                       |
|                          |
| 10                       |
| 65                       |
| 0.22                     |
| 0.11                     |
| 1"                       |
| 95                       |
| 10                       |
|                          |
| 792                      |
| 0.22                     |
| 871                      |
| 0.24                     |
|                          |
| 835                      |
| 710                      |
| 196                      |
|                          |
| AISI 316 Stainless Steel |
| EPDM - Clip On           |
| 53                       |
| 1511532                  |

**LOKE Water heaters** must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

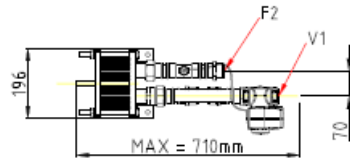
### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

# TECHNICAL PRODUCT SUBMITTAL

## LOKE8-50

### LOKE without optional base

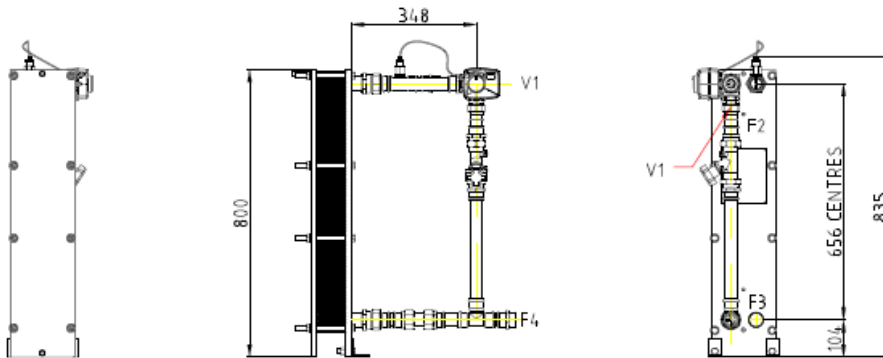


#### 50-125 kW

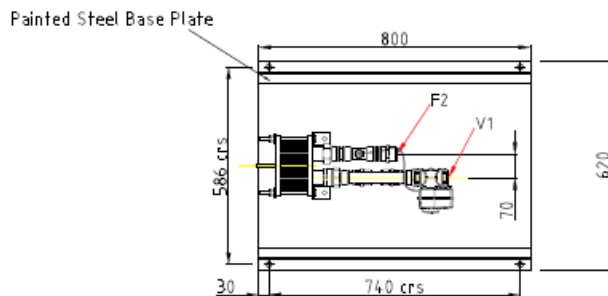
| PORT | CONNECTION TYPE | FUNCTION      |
|------|-----------------|---------------|
| V1   | 1" BSPT FEMALE  | BOILER FLOW   |
| F4   | 1" BSPT MALE    | BOILER RETURN |
| F2   | 1" BSPT MALE    | DHW OUT       |
| F3   | 1" BSPT MALE    | DWH IN        |

#### 150-250 kW

| PORT | CONNECTION TYPE   | FUNCTION      |
|------|-------------------|---------------|
| V1   | 1.25" BSPT FEMALE | BOILER FLOW   |
| F4   | 1.25" BSPT MALE   | BOILER RETURN |
| F2   | 1.25" BSPT MALE   | DHW OUT       |
| F3   | 1.25" BSPT MALE   | DWH IN        |



### LOKE with optional base



#### 50-125 kW

| PORT | CONNECTION TYPE | FUNCTION      |
|------|-----------------|---------------|
| V1   | 1" BSPT FEMALE  | BOILER FLOW   |
| F4   | 1" BSPT MALE    | BOILER RETURN |
| F2   | 1" BSPT MALE    | DHW OUT       |
| F3   | 1" BSPT MALE    | DWH IN        |

#### 150-250 kW

| PORT | CONNECTION TYPE   | FUNCTION      |
|------|-------------------|---------------|
| V1   | 1.25" BSPT FEMALE | BOILER FLOW   |
| F4   | 1.25" BSPT MALE   | BOILER RETURN |
| F2   | 1.25" BSPT MALE   | DHW OUT       |
| F3   | 1.25" BSPT MALE   | DWH IN        |

