

# TECHNICAL PRODUCT SUBMITTAL

## LOK8-100

Heat Transfer Duty	kW
Thermal efficiency	%
<b>Primary Side</b>	
Inlet Temperature	°C
Outlet Temperature	°C
Fluid Flow Rate	litre/second
Fluid type	
Connection size and type	Inch BSPT Female
Max Working Temperature	°C
Maximum Working Pressure	bar
<b>Secondary Side</b>	
Inlet Temperature	°C
Outlet Temperature	°C
Fluid Flow Rate	litres/second
Fluid type	
pressure drop	bar
Connection size and type	Inch BSPT Male
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	mm
Width	mm
Depth	mm
<b>Construction Details</b>	
Number Of Plates	
Plate Material	
Gasket Material	
Empty weight single head primary pump	kg
Empty weight twin head primary pump	kg
WRAS Approval Number	

100
99.5
82
Varies Depending On Demand (50 At Full Demand)
0.76
Water
1 1/4
99
10
Varies Depending On Demand (10 At Full Demand)
65
0.44
water
0.18
1 1/4
85
10
1584
0.44
1728
0.48
1445
643
1023
14
AISI 316 Stainless Steel
EPDM - Clip On
113
131
1401052

LOK packaged plate heat exchangers 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

### Warranty

Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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PORT	CONNECTION TYPE	FUNCTION
V1	1.25" BSPT FEMALE	BOILER IN
V4	1.25" BSPT FEMALE	BOILER OUT
F2	1.25" BSPT MALE	DHW IN
F3	1.25" BSPT MALE	DHW OUT

