

# TECHNICAL PRODUCT SUBMITTAL

## LOKT8-50



Heat Transfer Duty	kW	50
Thermal efficiency	%	99.5
<b>Primary Side</b>		
Inlet Temperature	°C	82
Outlet Temperature	°C	Varies Depending On Demand (50 At Full Demand)
Fluid Flow Rate	litre/second	0.38
Fluid type		Water
Connection size and type	Inch BSPT Female	1 1/4
Max Working Temperature	°C	99
Maximum Working Pressure	bar	10
<b>Secondary Side</b>		
Inlet Temperature	°C	Varies Depending On Demand (10 At Full Demand)
Outlet Temperature	°C	65
Fluid Flow Rate	litres/second	0.22
Fluid type		water
pressure drop	bar	0.18
Connection size and type	Inch BSPT Male	1 1/4
Max Working Temperature	°C	85
Maximum Working Pressure	bar	10
<b>Performance</b>		
Recovery Rate @ 55°C ΔT	litres/hour	792
Recovery Rate @ 55°C ΔT	litres/second	0.22
Recovery Rate @ 50°C ΔT	litres/hour	864
Recovery Rate @ 50°C ΔT	litres/second	0.24
<b>Dimensions</b>		
Height	mm	1445
Width	mm	643
Depth	mm	1023
<b>Construction Details</b>		
Number Of Plates		8
Plate Material		AISI 316 Stainless Steel
Gasket Material		EPDM - Clip On
Empty weight single head primary pump	kg	110
Empty weight twin head primary pump	kg	128
WRAS Approval Number		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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