

# TECHNICAL PRODUCT SUBMITTAL



## LOK Packaged Plate Heat Exchangers

### Key features Include:

- High Efficiency
- 316 Stainless Steel vessel
- WRAS Approved

### Output

Heat Transfer Duty	kW
Thermal efficiency	%

### Primary Side

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

### Secondary Side

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

### Performance

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

### Dimensions

Height	mm
Width	mm
Depth	mm

### Construction Details

Number Of Plates	
Plate Material	
Gasket Material	
Empty weight single head primary pump	kg
Empty weight twin head primary pump	kg
WRAS Approval Number	

## Model LOK8-300

Heat Transfer Duty	300
Thermal efficiency	99.5
Inlet Temperature	82
Outlet Temperature	Varies Depending On Demand (45.5 At Full Demand)
Fluid Flow Rate	2
Fluid type	Water
Connection size and type	1 1/4
Max Working Temperature	99
Maximum Working Pressure	6
Inlet Temperature	Varies Depending On Demand (10 At Full Demand)
Outlet Temperature	65
Fluid Flow Rate	1.31
Fluid type	water
pressure drop	0.19
Connection size and type	1 1/4
Max Working Temperature	85
Maximum Working Pressure	6
Recovery Rate @ 55°C ΔT	4716
Recovery Rate @ 55°C ΔT	1.31
Recovery Rate @ 50°C ΔT	5184
Recovery Rate @ 50°C ΔT	1.44
Height	1445
Width	643
Depth	1023
Number Of Plates	38
Plate Material	AISI 316 Stainless Steel
Gasket Material	EPDM - Clip On
Empty weight single head primary pump	124
Empty weight twin head primary pump	142
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)