

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	
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 LOK14-450

450
99.5
82
Varies Depending On Demand (49 At Full Demand)
3.33
Water
DN40 PN6 Flange
99
6
Varies Depending On Demand (10 At Full Demand)
65
1.97
water
0.16
2"
85
6
7092.0
1.97
7812
2.17
1541
643
964
25
AISI 316 Stainless Steel
EPDM - Clip On
189
210
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