

LOK Packaged Plate Heat Exchangers



- Hot water recovery rates up to 9,504 litres/hour at 50°C temperature rise
- Designed for instantaneous production of hot water
- Plates constructed from 316l stainless steel
- Single and twin pump models
- Compact footprint



Lochinvar[®]
HIGH EFFICIENCY BOILERS & WATER HEATERS

Lochinvar

LOK Packaged Plate Heat Exchangers

Eleven models are available providing hot water outputs of up to 9504 litres per hour, based upon a temperature rise of 50°C. Bespoke models with higher outputs are available on request.

For applications which are subject to heavy peak demands we can also provide Direct storage vessels with capacities ranging from 300 to 2850 litres.



Technical Specification

Model		LOK8/ LOKT8 50	LOK8/ LOKT8 100	LOK8/ LOKT8 150	LOK8/ LOKT8 200	LOK8/ LOKT8 250	LOK8/ LOKT8 300	LOK8/ LOKT8 350	LOK8/ LOKT8 400	LOK14/ LOKT14 450	LOK14/ LOKT14 500	LOK14/ LOKT14 550	
Heat Transfer Duty	kW	50	100	150	200	250	300	350	400	450	500	550	
Thermal efficiency	%	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
Primary Side													
Inlet Temperature	°C	82	82	82	82	82	82	82	82	82	82	82	
Outlet Temperature	°C	Varies Depending On Demand (between 40 and 50 At Full Demand)											
Fluid Flow Rate	litre/sec	0.38	0.76	1.14	1.32	1.47	2.00	2.20	2.36	3.33	3.58	3.83	
Connection size and type	Inch	1½"	1½"	1½"	1½"	1½"	1½"	1½"	1½"	DN40 PN6 Flange			
Max Working Temperature	°C	99	99	99	99	99	99	99	99	99	99	99	
Maximum Working Pressure	bar	10	10	10	10	10	10	10	10	6	6	6	
Secondary Side													
Inlet Temperature	°C	Variable Depending On Demand (10 At Full Demand)											
Outlet Temperature	°C	65	65	65	65	65	65	65	65	65	65	65	
Fluid Flow Rate	litre/sec	0.22	0.44	0.66	0.88	1.09	1.31	1.53	1.75	1.97	2.19	2.41	
Connection size and type	Inch	1½"	1½"	1½"	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	
Max Working Temperature	°C	85	85	85	85	85	85	85	85	85	85	85	
Maximum Working Pressure	bar	10	10	10	10	10	10	10	10	6	6	6	
General Data													
Recovery Rate @ 50°C	l/hr	864	1728	2628	3492	4320	5184	6048	6948	7812	8676	9504	
Recovery Rate @ 55°C	l/hr	792	1584	2376	3168	3924	4716	5508	6300	7092	7884	8640	
Dimensions (Height)	mm	1445									1541		
Dimensions (Width)	mm	643									643		
Dimensions (Depth)	mm	1023									964		
Empty weight LOK	kg	110	113	116	119	122	124	127	127	189	191	194	
Empty weight LOKT	kg	128	131	135	137	140	142	145	145	210	212	214	
Electrical Requirements		230V /1Ph/ 50hz											

Energy Label, Product Fiche and ErP Data Table are available at www.lochinvar.ltd.uk

Single and Twin Pumps options

All models are available with either single or twin pumps

Ancillary Options

- Direct storage vessels
- Matched circulating pumps
- BMS connection
- Insulation Jackets
- Anti-legionella pasteurisation cycle

For further information on the LOK plate heat exchanger, including ICM & user instructions and our full warranty terms and conditions, please visit our website: www.lochinvar.ltd.uk



Lochinvar Ltd reserves the right to change specifications without prior notice