

Sr#	Description	Qty
1	<p data-bbox="602 263 2464 366"><b><u>PLATE TYPE HEAT EXHCNAGER:</u></b></p> <p data-bbox="602 511 2003 594">Model No. NT 100 M CDH-10</p> <p data-bbox="602 625 2869 729">Single Pass, Make: Kevlion/GEA Ecoflex GmbH</p> <p data-bbox="602 750 2079 853">Details Specification at page 2</p>	01

**Specification Sheet for Plate and Gasket Type Heat Exchanger**

Sr. No.	Parameter	Unit	Side "A"	Side "B"
1.	Working Fluid	-	Water	Water
2.	Inlet Temperature	°C	~7	~13
3.	Outlet Temperature	°C	~12	~10
4.	Max Working Pressure	bar	10	
5.	Test Pressure	bar	13	
6.	Maximum Working Temperature	°C	100	
7.	Maximum Flow Rate	m <sup>3</sup> / hr	180	
8.	Total No. of Plates (Including 02 Dead Plates)	No's	50	
9.	Plate Material	Stainless Steel (SS 304)		
10.	<b>Plate Specifications</b>			
	i.	Plate Outline Dimensions	mm	1303 x 445
	ii.	Plate-Hole Center to Center Distance	mm	1113 x 262
	iii.	Plate Hole Dia.	mm	110
	iv.	Heat Transfer Area	m <sup>2</sup>	0.44
	v.	Plate Thickness	mm	0.5
11.	Gasket Material	NBR		
12.	Gasket Connection	EcoLoc		
13.	Frame Type	Type B (Variant 1) As per OEM documents		
14.	Connections (Both Sides)	ND 100 Welded Flanged		
15.	Connection Material	Stainless Steel (SS 304)		
16.	Frame Material	Carbon Steel		
17.	Frame Paint	Two Under Coats of Zinc Primer and two Overcoats of Epoxy Paint		
18.	Spare Plates (Including two Dead Plates) alongwith Gaskets	100% i.e Total Spare Plates= 50 No's Total Spare Gaskets= 50 No's		

**Note:** Provision of Original Installation, Operational and Maintenance Manuals alongwith complete technical drawings and relevant details must be ensured.