

## Auxiliaries

Deaerator, HP heater , LP heater, Condenser, Gland heater, Water filter, Oil filter, Steam strainer, Oil cooler, Extraction valve, Oil tank, Ejector, Two-stage steam jet air ejector, Main safety valve.



## Condenser Technical Specification

Model	Cooling Area	Type	Overall Dimensions	Steam Inlet Size	Water Inlet and Outlet Size	Cooling Water Flow	Net Weight (with no water)
	m <sup>2</sup>		mm	mm	mm	t/h	kg
NC14	140	Single-Pass Two-Flow	4160x2850x1550	800	250	450-650	3130
NC16	160		3910x2680x1485	700	250	600-800	5012
NC28	280		5000x3395x1670	1100	300	800-1100	6350
NC42	420	Two-Pass Two-Flow	4965x3510x2555	1220	400	1200-1800	9640
NC56	560		5090x3850x2805	1100	400	1600-2400	13960
NC100	1000		6125x4305x3660	2000x1350	600	2400-3500	25110
NC125	1250		7291x4315x3844	2000x1350	700	2500-3600	29150
NC125-1	1250		7277x4410x2903	3640x1140	600	2500-3600	27712
NC160	1600		8305x4721x3312	3640x1140	600	2600-4000	34502
NC200	2000		8305x4721x3312	3640x1140	700	4300-6400	37900
NC220	2200		9020x5195x3710	4040x2000	700	4300-6400	37900
NC350	3500		9330x5740x4235	6000x1650	800	7000-10500	61999

# Heater Technical Specification



Model		NG2	NG5	NG7-1	NG7-2	NG8-1	NG8-2	NG10-1	NG10-2	NG10-3	NG14-1	NG14-2
Cooling M <sup>2</sup>		20	50	65	65	80	80	100	100	100	140	140
Sealing method		Flange sealing	Flange sealing	Flange sealing	Self sealing	Flange sealing	Self sealing	Flange sealing	Self sealing	Flange sealing	Flange sealing	Self sealing
Design temp (°C)	Tubing	155	155	155	160	160	160	160	160	180	180	200
	Shell	350	350	350	400	350	350	350	350	350	350	350
Design press (Mpa)	Tubing	6	6	6	9.6	6	9.8	6.6	9.6	6	6	9.8
	Shell	1	0.7	0.7	0.7	1.5	1.5	1.5	1.3	1.3	1.3	1.3
Note		HP Straight Tube	HPU-shaped Tube									
Model		ND1	ND2	ND4	ND7-1	ND7-2	ND8	ND13-1	ND13-2			
Cooling M <sup>2</sup>		10	20	40	65	65	80	125	125			
Sealing method		Flange sealing	Flange sealing	Flange sealing	Flange sealing	Flange sealing	Flange sealing	Flange sealing	Flange sealing			
Design temp(°C)	Tubing					150	100	99	150			
	Shell					240	200	99	240			
Design press (Mpa)	Tubing	0.6		0.6	0.6	1.2	1.5	1.2	1.2			
	Shell	0.2		0.2		0.6	0.3	0.2	0.6			
Note		LowPressure										

## Oil Cooler

Model	Area of Cooling Surface (m <sup>2</sup> )	Cooling Water Capacity (m <sup>3</sup> /h)	Weight without Water and Oil (Kg)	Oil Mass (L/min)
YL-20-1	20	56	642	400
YL-12.5-1	12.5	26	402	380

