

Heat Exchanger List

Item No.	Item Description	Sub Category	Orientation	Shell Side Fluid	Tube Side Fluid	No Of Tubes	Tube Diameter (mm)	Tube Length	Tube Sheet Diameter(mm)
20-E02A	Soap Cooler	Heat Exchanger-Plate Type	Horizontal	CW(Cold)	Soap Soln(Hot)	39(Plates)	1130 x 260		
20-E02B	Soap Cooler	Heat Exchanger-Plate Type	Horizontal	CW(Cold)	Soap Soln(Hot)	39(Plates)	1130 x 260		
20-E01A	"A" Train Reactor Charge Cooler	Heat Exchanger- Kettle Type-Fixed	Horizontal	Ammonia	Monomer+Water	548	25	4000	1154
20-E01B	"B" Train Reactor Charge Cooler	Heat Exchanger- Kettle Type-Fixed	Horizontal	Ammonia	Monomer+Water	548	25	4000	1154
25-E18A	Fresh Styrene Cooler	Heat Exchanger-Shell & Tube-Fixed	Horizontal	CW +20%EG	Fresh SM	204	25	3000	738
25-E18B	Fresh Styrene Cooler	Heat Exchanger-Shell & Tube-Fixed	Horizontal	CW +20%EG	Fresh SM	204	25	3000	738
25-E02	Fresh Butadiene Cooler	Heat Exchanger-Shell & Tube-Fixed	Horizontal	CW +20%EG	Butadiene	260	25	2000	790
30-E01A	Styrene Cooling Water Condenser	Heat Exchanger-Shell & Tube-Floating	Horizontal	Steam+Styrene	CW	1086	20	4000	1550
30-E02A	Styrene Cooling Refrigeration Condenser	Heat Exchanger-Kettle Type-Fixed	Horizontal	Ammonia	Steam + Styrene	253	25	4000	788
30-E01B	Styrene Cooling Water Condenser	Heat Exchanger-Shell & Tube-Floating	Horizontal	Steam+Styrene	CW	1086	20	4000	1550
30-E02B	Styrene Cooling Refrigeration Condenser	Heat Exchanger-Kettle Type	Horizontal	Ammonia	Steam + Styrene	253	25	4000	788
30-E03	Column Vac. Seal Water Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Water	146	25	3000	840
30-E05	Vacuum Seal Water Cooler	Heat Exchanger- Kettle Tye-Fixed	Horizontal	Ammonia	Water	162	25	3000	688
30-E06A	Butadiene Cooling Water Condenser	Heat Exchanger- Shell & Tube-Fixed	Horizontal	CW	Butadiene	588	25	4000	1092
30-E06B	Butadiene Cooling Water Condenser	Heat Exchanger- Shell & Tube-Fixed	Horizontal	CW	Butadiene	588	25	4000	1092
30-E07A	Butadiene Refrigeration Condensor	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Butadiene	143	25	2000	688
30-E07B	Butadiene Refrigeration Condensor	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Butadiene	143	25	2000	688
30-E06(S)	Butadiene Cooling Water Exchanger	Heat Exchanger- Shell & Tube-Fixed	Horizontal	CW	Butadiene	588	25	4000	1092
30-E07(S)	Butadiene Refrigeration Condensor	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Butadiene	143	25	2000	688
30-E08	Diesel Oil Heater	Heat Exchanger- U Tube	Horizontal	LP Steam	Diesel Oil	9	25	1000(ST LEN)	311
32-E08	Liquid Subcooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Ammonia	250	20	3000	662
32-E06	Ammonia Condenser	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Water	3278	20	6000	1777
32-E07	Ammonia Condenser	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Water	3278	20	6000	1777
32-E14	Lube Oil Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	218	20	4900	572
32-E13	Lube Oil Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	218	20	4900	572
32-E12	Lube Oil Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	218	20	4900	572
32-E11	Lube Oil Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	218	20	4900	572
32-E10	Lube Oil Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	218	20	4900	572
30-E04	Butadiene Pump Seal Water Cooler	Heat Exchanger- Kettle Type-Fixed	Horizontal	Ammonia	Water	308	25	3000	840
30-E09	Diesel Oil Cooler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Ammonia	Diesel Oil	164	25	3000	892
25-E33A	Condensor-SMBD	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Freon	Water	230	20	3000	610
25-E33B	Condensor-SMBD	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Freon	Water	230	20	3000	610
25-E60A	Lube Oil Cooler-SMBD	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	25	20	1500	350
25-E60B	Lube Oil Cooler-SMBD	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	25	20	1500	350
4 Nos	Lube Oil Cooler-Dewatering Press	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water		6.3	500	125
4 Nos	Lub Oil Cooler-Baler	Heat Exchanger- Shell & Tube-Fixed	Horizontal	Lub Oil	Water	448	6.3	1200	150
4 Nos	Lub Oil Cooler-Baler	Heat Exchanger- Shell & Tube-Floating	Horizontal	Lub Oil	Water	172	9.52	1550	240
14-CAL 70/71	Calenderia 1 and 2	Heat Exchanger- Shell & Tube-Fixed	Vertical	Steam	Salt	226	50.8	9000	1100
14-CAL 72/73	Calenderia 3 and 4	Heat Exchanger- Shell & Tube-Fixed	Vertical	Steam	Salt	284	38.1	6000	970
INT COOLER 15-K01/02	InterCooler-Air Compressor	Heat Exchanger- Shell & Tube-Floating	Horizontal	Water	Air	173	12	1372	350
AFT COOLER 15-K01/02	AfterCooler-Air Compressor	Heat Exchanger- Shell & Tube-Floating	Horizontal	Water	Air	173	12	1372	350