



Pos.	Components List	Pieces per one ship set
1	box cooler ME-LT with cover integrated TAS-unit with electric driver, 2 adjustable limit switches, box cooler Aux-System with cover integrated TAS-unit with electric driver, 2 adjustable limit switches, Solenoid valves for inlet and outlet of TAS are mounted on the box cooler	1
2	box cooler ME-LT with cover integrated TAS-unit with electric driver, 2 adjustable limit switches, box cooler Aux-System with cover integrated TAS-unit with electric driver, 2 adjustable limit switches, Solenoid valves for inlet and outlet of TAS are mounted on the box cooler	1
3	box cooler ME-LT with cover integrated TAS-unit with electric driver, 2 adjustable limit switches, box cooler Aux-System with cover integrated TAS-unit with electric driver, 2 adjustable limit switches, Solenoid valves for inlet and outlet of TAS are mounted on the box cooler	1
1A,B,C	Solenoid valves, inlet outlet of TAS-water of each ME-box coolers 1	3
2A,B,C	Solenoid valves, inlet and outlet of TAS-water of ME-box cooler 2	3
3A,B,C	Solenoid valves, inlet and outlet of TAS-water of ME-box cooler 3	3
5	TAS-pump, 7...12 m³/h, 1, 5 ...2 bar, 90°C max.	1
6,9,12	Temperature sensors	3
8	Pressure Transmitter, 4-20mA, 0-8 bar	1
11	Plate heat exchanger inlet temperature of HT-water: 80-90°C, outlet temperature of ME-LT plate heat exchanger: 75°C	1
21,22, 23	In box cooler cover integrated TAS-unit with electric driver, 2 adjustable limit switches, Solenoid valve for inlet TAS of ME-LT box coolers DN 40 are mounted on the box cooler	4

Notice: This is ownly a prinipal flow diagramm!

NOTE:
BOX COOLER AND ALL PARTS NAMED
IN THE COMPONENT LIST WILL BE
SUPPLIED BY HEAT NORD COMPANY.

Verf. / Mischst.	Index Rev.	Anzahl Menge	Art der Änderung Nature of Revision	Datum Date	Bearb./Gepr. Drawn/Checked
Zul. Abw. Permiss. Dev.	DIN ISO 2768-mk	Werkstoff Material	Maßstab Scale	Gewicht Weight	kg
Gepr. Surface	DIN ISO 1302	Modell-Nr. Pattern No.	Benennung Title	PID_ITAS_3BC_Aux_Heat recovery	
Verwendungsbereich Field of Application	iTAS Box cooler Aux. Sys.				
2013 Datum Date			Formel Drawing No.		
Bearb. Name			Index Rev.		
Gepr. Viert.			00 1		
Checked			1		
Erst. aus Pres. Diag.			Erz. für Reprint for		