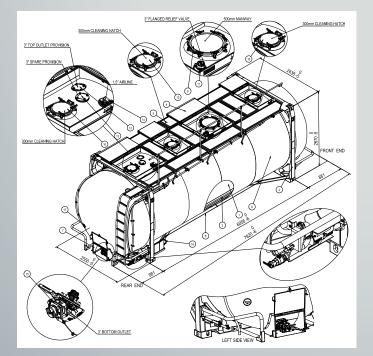




## T11 TYPE, 35000 LITRE LIGHTWEIGHT SWAP BODY TYPE TANK CONTAINERS

For Transport and Storage of Liquid Products



- / Large capacity
- V-shaped baffles (70% coverage) and cleaning hatches
- / Low tare weight
- / Insulated and fitted with heating coils
- / European manufactured valves
- / Ground level operated airline/vapor return
- / Full coverage walkways and collapsible handrail

## T11 TYPE, 35000 LITRE LIGHTWEIGHT SWAP BODY TYPE TANK CONTAINERS

## STANDARD SPECIFICATIONS\*

Capacity35000 litres / 9246 U.S. gallonsLadderFitted to the end of the tankT CodeT11Bottom Discharge1 x 80 mm / 3 inch / 45° foot valve, stainless steel butterfly valve / 3 inch RSP stainless steel butterfly valve / 3 inch RSPLength7820 mmFilling port / Spare1 x 80 mm / 3 inch provision fitted with blank flangeWidth550 mmManway1 x 500 mm / 20 inch diameter, swing blot closures (8)Height670 mmCleaning Hatches3 x 300 mm / 11.8 inch diameter, swing bot closures (8)Maximum Gross Weight39000 kgAir Line/Vapor Return bot closures (4)1 x 40 mm / 13. inch stainless steel bot closures (4)Maximum Gross Weight4440 kgSpill BoxesFour (4) fitted with drain tubesTare Weight440 kgSpill BoxesFour (4) fitted with drain tubesMorking Pressure blot closure Gale connection at ground level closure cable fitted. Grounding connection at ground level closure cable fitted. Grounding connection at ground level closure cable fitted. Grounding connection at ground level closure cable fitted. Grounding connection.Tast Pressure blot closure Gale sitte stainless steel construction Sitte stainless steel constructionRockwool in 50 mm thickness with aduminum foil, where possible and GRP cladding Surving pressure. BSP male threaded colagasible handrailBaffles blot underded vertical V-shaped corrugated baffles fitted.SaketsCollagasible handrailBard weightKulweid vertical V-shaped corrugated baffles fitted.SaketsDista thermometer fitted cond of tank clagasible h				
Image: Constraint of the set	Capacity	35000 litres / 9246 U.S. gallons	Ladder	Fitted to the end of the tank
Connectionblank flangeWidth2550 mmManway1 x 500 mm / 20 inch diameter, swing bolt closures (8)Height2670 mmCleaning Hatches3 x 300 mm / 11.8 inch diameter, swing bolt closures (4)Maximum Gross Weight39000 kgAir Line/Vapor Return ball valve with pressure gauge. Remote control and connection at ground level at rear of tank.Tare Weight4440 kgSpill BoxesFour (4) fitted with drain tubesWorking Pressure bals valve set at 4.4 bar / 58 psiSafety Devices1 x 40 mm / 1 sinch BSP pressure relief valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding connection.Tare Weight6bar/ 87 psiInsulation & CladdingRockwool in 50 mm thickness with almum foil, where possible and GPP claddingDesign Temp40.0 to 130 CWalkwayColls with 10 longitudinal runs, 12.6 m° effective heating surface and 6 bar working pressure. BSP male threeded connections.Bard construction fully welded vertical V-shaped corrugated baffles fitted.ValkwayFull coverage, Marine grade aluminium foil yee clause and 6 bar working pressure. BSP male threeded corrugated baffles fitted.Baffles4 x 316L Stainless steel, 70% fully welded vertical V-shaped corrugated baffles fitted.Full coverage, Marine grade aluminum foil yee clause application for grade aluminum foil yee clause application for grade aluminum foil grade aluminum foil yee clause application for grade aluminu	T Code	Т11	Bottom Discharge	stainless steel butterfly valve / 3 inch BSP
InterfactInterfactInterfactInterfactHeight2670 mmCleaning Hatches3 x 300 mm / 11.8 inch diameter, swing bolt closures (4)Maximum Gross Weight39000 kgAir Line/Vapor Return Air Line/Vapor Return1 x 40 mm / 1.5 inch stainless steel ball valve with pressure gauge. Remote control and connection at ground level at rear of tank.Tare Weight4440 kgSpill BoxesFour (4) fitted with drain tubesWorking Pressure to Staft S psiSafety Devices1 x 80 mm/ 3 inch BSP pressure relief valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding connection.Test Pressure Design Temp6 bar/ 87 psiInsulation & CladdingRockwool in 50 mm thickness with aluminum foil, where possible and SRP claddingDesign Temp Baffles4.4 mm equivalent reference steel, 1010 valued wetrical V-shaped fully welded vertical V-shaped fully welded ver	Length	7820 mm		
AdditionBolt Closures (4)Maximum Gross Weight39000 kgAir Line/Vapor Return all valve with pressure gauge. Remote control and connection at ground level at rear of tank.Tare Weight4440 kgSpill BoxesFour (4) fitted with drain tubesWorking Pressure Working Pressure4bar/ 58 psiSafety Devices1x 80 mm/ 3 inch BSP pressure relief valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding connection.Test Pressure Design Temp6b par (87 psi)Insulation & Cladding Return foil, where possible and GRP claddingRockwool in 50 mm thickness with aluminum foil, where possible and GRP claddingBarrel thickness and construction44 mm equivalent reference steel, fully welded vertical V-shaped fully welded vertica	Width	2550 mm	Manway	
Weightball valueball value with pressure gauge. Remote control and connection at ground level at rear of tank.Tare Weight4440 kgSpill BoxesFour (4) fitted with drain tubesWorking Pressure4 bar/ 58 psiSafety Devices1 x 80 mm/ 3 inch BSP pressure relief valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding connection.Test Pressure6 bar/ 87 psiInsulation & CladdingRockwool in 50 mm thickness with aluminum foil, where possible and GRP claddingDesign Temp-40 C to 130 CHeating/CoolingCoils with 10 longitudinal runs, 12.6 m² effective heating surface and 6 bar vorking pressure. BSP male threaded connections.Barrel thickness4.4 mm equivalent reference steel, full welded vertical V-shaped corrugated baffles fitted.WalkwayFull coverage, Marine grade aluminium & collapsible handrailBafflesASME sect. VIII, div. 1/ EN tudo25, where applicable.GasketsPTE outer encapsulating EPDM inner. Can be changed to meet chemical or food grade requirements or customer specification	Height	2670 mm	Cleaning Hatches	
Vorking Pressure Morking Pressure4 bar/ 58 psiSafety Devices1 x 80 mm/3 inch BSP pressure relief valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding connection.Test Pressure6 bar/ 87 psiInsulation & CladdingRockwool in 50 mm thickness with aluminum foil, where possible and GRP claddingDesign Temp-40 C to 130 CHeating/CoolingCoils with 10 longitudinal runs, 12.6 m² effective heating surface and 6 bar vorking pressure. BSP male threaded connections.Barrel thickness and construction4.4 mm equivalent reference steel, 316L stainless steel constructionWalkwayFull coverage, Marine grade aluminium & collapsible handrailBaffles4.× 316L Stainless steel, 70% fully welded vertical V-shaped corrugated baffles fitted.GasketsPTFE outer encapsulating EPDM inner. Can be changed to meet chemical or food grade requirements or customer specification.		39000 kg	Air Line/Vapor Return	ball valve with pressure gauge. Remote control and connection at ground level
Valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding connection.Test Pressure6 bar/ 87 psiInsulation & CladdingRockwool in 50 mm thickness with aluminum foil, where possible and GRP claddingDesign Temp40 C to 130 CHeating/CoolingCoils with 10 longitudinal runs, 12.6 m² effective heating surface and 6 bar working pressure. BSP male threaded connections.Barrel thickness and construction4.4 mm equivalent reference steel, 316L stainless steel constructionWalkwayFull coverage, Marine grade aluminium & collapsible handrailBaffles4 × 316L Stainless steel, 70% fully welded vertical V-shaped corrugated baffles fitted.Thermometer GasketsDigital thermometer fitted to end of tank and constructionDesign CodeASME sect. VIII, div. 17 EN t4025, where applicable.Gaskets e constructionDiffe outer encapsulating EPDM inner. Can be changed to meet chemical or food and encapsulating encapsulating encapsulating encapsulating encapsulating encapsulating encapsulating encapsulation	Tare Weight	4440 kg	Spill Boxes	Four (4) fitted with drain tubes
Image: Section of the section of th	Working Pressure	4 bar/ 58 psi	Safety Devices	valve set at 4.4 bar / 64 psi. Remote closure cable fitted. Grounding
Barrel thickness and construction4.4 mm equivalent reference steel, 316L stainless steel constructionWalkwayFull coverage, Marine grade aluminium & collapsible handrailBaffles4 × 316L Stainless steel, 70% 	Test Pressure	6 bar/ 87 psi	Insulation & Cladding	aluminum foil, where possible and
and construction316L stainless steel constructioncollapsible handrailBaffles4 × 316L Stainless steel, 70% fully welded vertical V-shaped corrugated baffles fitted.ThermometerDigital thermometer fitted to end of tankDesign CodeASME sect. VIII, div. 1/ EN 14025, where applicable.GasketsPTFE outer encapsulating EPDM inner. Can be changed to meet chemical or food grade requirements or customer specification.	Design Temp	-40 C to 130 C	Heating/Cooling	m <sup>2</sup> effective heating surface and 6 bar working pressure. BSP male threaded
fully welded vertical V-shaped corrugated baffles fitted. Gaskets PTFE outer encapsulating EPDM inner. Can be changed to meet chemical or food grade requirements or customer specification.			Walkway	
14025, where applicable. Can be changed to meet chemical or food grade requirements or customer specification.	Baffles	fully welded vertical V-shaped	Thermometer	Digital thermometer fitted to end of tank
Frame Type   Beam   Document Holder   Fitted to frame	Design Code		Gaskets	Can be changed to meet chemical or food
	Frame Type	Beam	Document Holder	Fitted to frame

Approvals and Design Codes: Approvals for

international transport as UN Portable tank including (T11 IMDG, RID/ ADR-L4BN), CSC UIC, TIR and other local approvals.

## **Specification Options:**

Siphon tube (Top discharge), GPS tracking and telemetry systems, Clean flow valves, etc.

\*All specification details are based on the average T11 type, 35000 litre capacity swap body tank containers in the Raffles Lease fleet. Specifications may vary based on a selected tank container. For more specific details please contact your local Raffles Lease office. Our full office list can be found on our website at www.raffleslease.com

Raffles Lease utilizes the latest CAD technology for our tank containers. Our Technical and Maintenance & Repair Departments utilize this technology to design the optimal tank container configuration and manage modification projects that may require unique specifications to meet our client's requirements.

