



Unit Type: 211A24
Description: 24,000 litre 20ft x 8ft 6" Frame Tank Container, 6.0 Bar Pressure Test, Steam Heated and Insulated (T11 UN Portable Tank)



Dimensions (Main)	Metric	Imperial
Capacity	24,000 ltr	6,340 US Gallons
Maximum Gross Weight	36,000 kg	79,365 lb
Tare	3,690 kg	8,118 lb
Pressures and Temperatures	Metric	Imperial
Maximum Allowable Working Pressure	4.0 bar	58 psi
Test Pressure	6.0 bar	87 psi
Steam Working Pressure	4.0 bar	58 psi
Steam Test Pressure	6.0 bar	87 psi
Relief Valve Set Pressure	4.4 bar	63 psi
Ambient Temperature Range	-40°C to +65°C	-40°F to +149°F
Maximum Cargo Temperature	130°C	266°F
Construction		
Shell Material	Stainless steel SANS 50028-7/1.4402/1.4404. Equivalent to 316L. Max 0.03% carbon content. Cold rolled shell 2B finish. Nominal thickness 4.18 mm (+0.22 mm corrosion allowance)	
Dished End Material	Stainless steel SANS 50028-7/1.4402/1.4404. Equivalent to 316L. Max 0.03% carbon content. Hot rolled. Nominal thickness 4.4 mm (+0.2 mm corrosion allowance)	
Design Code	ASME VIII Division 1	
Approvals	T11 UN Portable Tank, IMDG, US DOT CFR 49, UK-DfT, ADR/RID, UIC, TIR, CSC, TC Impact Approved, AAR, ISO	

Standard Fittings	
Manlid Assembly	Fort Vale 8 point fixing Pendle manlid and pressed manway neck ring suitable for TIR locking and with anti theft hinge pin
Air Inlet Assembly	Fort Vale 1½" Mk3 airline ball valve with low profile handle and blanking cap with TIR provision
Safety Relief Valve Assembly	Fort Vale 3" Mk3 super maxi high flow relief valve
Top Discharge Assembly	Fort Vale 3" weld-in flange drilled with 6 x M12 blind tapped holes on a 168.3 PCD Provision for butterfly valve, bolted blank flange and 3" syphon tube
Bottom Discharge Assembly	Fort Vale 3" 45° univalve, comprising 3" 45° hi-lif t footvalve and 3" butterfly valve. 3" BSP outlet and cap
Remote Control	A cable remote control system fitted with a Fort Vale fusible link is connected to the internal valve handle
Gaskets and Seals	Parts in contact with cargo, PTFE/CNAF
Steam Heating	8 longitudinal runs without circumferential dual stiffener/steam Effective heating area 10m ² Actual heating area 4.7m ² ¾" BSP screw inlet/outlet with stainless steel cap and chain
Insulation	50 mm (2") thick, 55kg/m ³ (in density) aluminium foil backed rockwool reinforced along the top centre and covered by minimum 1.8 mm thick white GRP
Compartment	Open stainless steel spill compartments with provision for optional lids
Document Holder	Suitable for shipping papers, fitted rear end
Earthing Connection	One SUS 304 grade stainless steel plate is weld on rear sill
Calibration Plate	Volumetric stainless steel chart
Data Plate	Stainless steel data plate detailing specifications, fitted rear end
Walkway	"B" type walkway Marine resistant aluminium (5052H32 or equivalent)
Handrail	Provision for collapsible handrail
Ladder	300 mm (12") wide ladder with non-slip rungs is welded to the right hand side of the rear end frame, aligns with walkway
Thermometer	100 mm (4") dial diameter dual scale -40°C to +160°C (-40°F to +320°F)

NOTE:

Actual measurements and specifications may vary and are subject to confirmation

When transporting hazardous goods, the authorised Dangerous Goods Advisor should confirm fitness for purpose of any tank and that the cargo is compatible and will not damage the tank vessel. Tank containers are supplied in accordance with Almar's standard terms and conditions.