

PRODUCT DATA SHEET

May, 2009

EURO EASY CLEAN TANK UNLINED COIL TANK

GENERAL INFORMATION

Vapor tight steel tanks manufactured in Europe with two sealed access hatches on top and one on the driver's side. Top-mounted pressure/vacuum relief valve. Smooth interior walls for easy cleaning. "V" shaped bottom improves drainage efficiency. Bottom-mounted pipe coils for steam heating. RDW approved for transport throughout Europe.

WEIGHTS AND MEASURES

➤ Capacity:	..... 70.000 liters (70 m ³) 70.000 kilos
➤ Height:	..... 3.810 mm (service) 3.960 mm (transport)
➤ Width:	..... 2.505 mm (overall)
➤ Lenght:	..... 11.210 mm (overall)
➤ Weight:	..... 12.000 kg empty (approx)
➤ Temperature Limits: (dry resistance)	..... Continuous - 70° C maximum (NBR)* - 100° C maximum (EPDM)

STRUCTURAL DESIGN

➤ Floor:	..... 6 mm S235 carbon steel, "V" bottom sloping from each side to center.
➤ Walls:	..... 6 mm S235 carbon steel
➤ Top Deck:	..... 6 mm S235 carbon steel
➤ Wall Frame:	..... 150 mm x 80 mm x 6 mm c-channel, S355 carbon steel.
➤ Floor Frame:	..... Longitudinal beams with flat plate cross bracing between beams.
➤ Top Frame:	..... 150 mm x 80 mm x 6 mm c-channel, S355 carbon steel.

SURFACE DETAILS

➤ Exterior Coating:	..... Weather and chemical resistant high gloss polyurethane finish (green)
➤ Interior Coating:	..... None

TESTS/CERTIFICATIONS

➤ Test Performed: <ul style="list-style-type: none"> • Approved for road transport throughout European Union. • Quality control inspections Level 1, 2 & 3 on a scheduled basis. • Hydrostatic water test after construction and major repairs. Tested to 1.3 specific gravity and 1 psi (69 mBar)
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FEATURES

➤ Valves: (1x) front 6" 150# ANSI drain and (1x) rear 4" 150# ANSI drain
➤ Relief Valve: (1x) Cast aluminum thief hatch, NBR gasket, pressure setting 69 mBar, vacuum setting 1,7 mBar.
➤ Misc. Pipe Connections:	..... (1x) – front spare inlet/ outlet (blinded), 4" 150# ANSI flange (1x) – top deck 4" 150# ANSI flange (blinded) for vapor recovery or top fill (1x) – top deck 6" 150# ANSI flanged for level gauging device (2x) - front inlet/outlet heating coil (blinded), 3" 150# ANSI flange
➤ Heating Coil:	..... 3" (88.9 x 5.5 mm) steel pipe in continuous serpentine layout; pressure rated to 12 bar; sloped for easy drainage. Outside heating surface of 7 m ² . Design temperature is 190 °C.
➤ Tank Outside Surface Area:	..... 185 m ²
➤ Top Entry:	..... (2x) – 600 mm hinged manways with restriction bars; NBR gasket
➤ Side Entry:	..... (1x) – 600 mm hinged manway on driver's side of tank; NBR gasket
➤ Top Access:	..... Front stairway to access landing
➤ Guardrails:	..... Along stairway and access landing
➤ Tires:	..... 275/70 R22,5 (doubles)
➤ Suspension:	..... Air suspension for easy on-site tank movement

* NBR material is standard. EPDM / Viton are optional materials at extra charge.



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