

Transportable Recompression Chamber (TRC) 2 Person

STANDARD VARIANT

DESCRIPTION

The JFD Cowan Transportable Chamber (TRC) can accommodate two people (patient and attendant) on oxygen and air for an unlimited period (most dive tables are to a maximum of 6 hours).

SPECIFICATION

Standard Occupants Depth Rating Design Temperature -18 to 51.7°C Size (mm) Internal Volume Life Support Piping Chamber Material Weight CO ₂ Scrubbing Capability Medical Lock Mating Flange Manway Size Viewports Seating/Stretcher Chamber Cycle Life Pneumatic Wheels Life Support Coapacity 1 x attendant 1 x patient, 1 x attendant 500kPa, 164fsw (50msw) -18 to 51.7°C -18 to 5		
Design Temperature -18 to 51.7°C Size (mm) 2,345(L) × 1,340(H) × 1,320(W) Internal Volume 1.25m³ Life Support Piping Stainless steel Chamber Material Weight 575kg CO₂ Scrubbing Capability Medical Lock 146mm internal diameter × 300mm long Mating Flange fixed male NATO Manway Size 661mmm internal diameter Viewports 3 × 152mm Seating/Stretcher Stretcher (1815 × 500mm) and seat Chamber Cycle Life Pneumatic Wheels 3 × 400mm diameter Life Support Capacity air and oxygen	Standard Occupants	1 x patient, 1 x attendant
Size (mm) Internal Volume 1.25m³ Life Support Piping Chamber Material Weight CO₂ Scrubbing Capability Medical Lock Mating Flange Manway Size Viewports Seating/Stretcher Chamber Cycle Life Pneumatic Wheels 1.25m³ Stainless steel Stainless steel Stainless steel Fixed male NATO Manway Size 661mmm internal diameter x 300mm long Stretcher (1815 x 500mm) and seat Source Support Capacity A viewports Size Support Capacity Stretcher (1815 x 400mm diameter Size Support Capacity Stretcher air and oxygen	Depth Rating	500kPa, 164fsw (50msw)
Internal Volume 1.25m³ Life Support Piping stainless steel Chamber Material stainless steel Weight 575kg CO2 Scrubbing Capability 6 hours Medical Lock 146mm internal diameter x 300mm long Mating Flange fixed male NATO Manway Size 661mmm internal diameter Viewports 3 x 152mm Seating/Stretcher stretcher (1815 x 500mm) and seat Chamber Cycle Life 5000 cycles Pneumatic Wheels 3 x 400mm diameter Life Support Capacity air and oxygen	Design Temperature	-18 to 51.7°C
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Pneumatic Wheels 3 x 400mm diameter Life Support Capacity air and oxygen	Seating/Stretcher	stretcher (1815 x 500mm) and seat
Life Support Capacity air and oxygen	Chamber Cycle Life	5000 cycles
	Pneumatic Wheels	3 x 400mm diameter
	Life Support Capacity	air and oxygen
Oxygen & CO ₂ Monitoring yes	Oxygen & CO ₂ Monitoring	yes
Design Code AS 1210 - 1989	Design Code	AS 1210 - 1989



KEY FEATURES

- · Light enough to be handled manually
- Can be transported by air, sea and road transport
- · Can be moved easily on pneumatic tyred wheels
- Radio communication between the operator, patient and attendant
- Oxygen and carbon dioxide monitoring systems
- JFD Cowan developed air-driven CO₂ scrubber
- · Removable stretcher and attendant seat
- Three viewports
- · Medical lock for transferring objects under pressure
- · Forkliftable skid
- Stainless Steel pipework with O ring seals for leak tight integrity and ease of removal
- Back-up systems for safety
- Low maintenance
- Stretcher and stretcher slide for ease of patient transfer
- · Treatment maintained whilst being transported
- · Gas cylinders can be attached to skid frame