



FINK ENGINEERING

RECTANGULAR HYPERBARIC SYSTEMS

The DL8 Hyperbaric Oxygen Treatment Facility

FE02



Fink Engineering's range of Hyperbaric Oxygen Treatment Facilities represent the latest state of the art technology for user friendly hyperbaric treatment. The Double lock 8 person (DL8) is custom designed to meet the requirements of large hospital based treatment centres. Providing a 3 ATA main lock and entrance lock, with 8 patient capacity in the main lock. A full sized 900mm wide x 1920mm high sliding door which is flush with the chamber floor, enables trolleys and wheelchairs to be loaded into the chamber smoothly. An environmental control system keeps the temperature and humidity at comfortable levels inside the chamber while patients breathe oxygen through hoods or BIBS. An easy opening Fink Engineering 350mm square x 500mm long medical lock is large enough to accommodate bedpans resuscitators and ventilators. Fitted with a unique push button life support system with manual backup which makes the operation safe and simple. A large diameter T.V. port and 4 channel entertainment system provide entertainment for the patients while a flush toilet in the entrance lock enhances patient comfort. The DL8 can be modified to suit your requirements by altering the number and size of the locks, doorways, viewports and life support equipment.

Fink Engineering Facilities are designed to meet the requirements of AS1210, ASME PVHO-1 and NFPA 99. ASME Certification to Section VIII Division 1 is available as well.

See page 2 for full technical details

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D18 Specifications

DESIGN PRESSURE	22 MSW, 220 Kpa	OPTIONAL CONSTRUCTION CODE	ASME SECTION VIII DIV 1 (U)
OPERATING PRESSURE	20 MSW, 200 Kpa	CHAMBER MATERIAL	CARBON STEEL
OPERATING TEMPERATURE	17 - 38 DEG C	FINISH	SHOTBLASTED AND PAINTED
WEIGHT WITHOUT PERSONNEL	12,000 Kg	LIFE SUPPORT CONTROLS	PUSH BUTTON AIR PRESSURISATION
INTERNAL VOLUME	6.5 SCM (EL) 16.2 SCM (ML)	BIBS WITH OVERBOARD EXHAUST	FOUR
INTERNAL DIMENSIONS ML	2400 W X 2100 H X 3290 LG	HOODS WITH OVERBOARD EXHAUST	FOUR
INTERNAL DIMENSIONS EL	2400 W X 2100 H X 1302 LG	DEPTH MEASUREMENT	DIGITAL WITH ANALOGUE BACKUP
DOORWAY SIZE	900 W X 1920 H	GAS ANALYSIS	OXYGEN 0 - 100% WITH ALARMS
MEDICAL LOCK DIMENSIONS	350mm SQ X 500mm	COMMUNICATIONS	EXTERNAL WITH P.A. SYSTEM, INTERNAL SPEAKERS WITH AUXILIARY FOUR CHANNEL ENTERTAINMENT
SIX LIGHTPORTS	50mm I.D.	LIGHTING	SIX EXTERNAL DIMMABLE LIGHTS
TWO TV PORTS	330mm I.D.	CHAMBER RELIEF	RELIEF VALVES
TWO VIEWPORTS	152mm I.D.	LIFE SUPPORT POWER	UPS
CAPACITY	8 PATIENTS	ENVIRONMENTAL CONTROLS	INCLUDED
FIRE SUPPRESSION	IAW NFPA 99 STANDARD	EMERGENCY CONTROLS	MANUAL BACKUP FOR ALL CIRCUITS
DESIGN CODE	AS1210-1989 & PVHO-1	NOISE LEVEL	<50 Dba
CERTIFICATION	AUSTRALIAN WORKCOVER AUTHORITY	CO2 ANALYSIS	INCLUDED

