



# FINK ENGINEERING

## RECTANGULAR HYPERBARIC SYSTEMS

### The SL8 Hyperbaric Oxygen Treatment Facility

FE01



Fink Engineering's range of Hyperbaric Oxygen Treatment Facilities represent the latest state of the art technology for user friendly hyperbaric treatment. The Single lock 8 person (SL8) combines the cost effectiveness of off-the-shelf engineering components with the requirements of a moderately sized medical clinic. The SL8's internal dimensions are 2400mm wide x 2100mm high x 3290mm long making it large enough to accommodate several combinations of wheelchair, trolley and sitting patients. A full sized 820mm 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. The SL8 is fitted with a unique push button life support control 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.

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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Ph +61 3 9585 2966 Fax +61 3 9585 3066 Web [www.fink.com.au](http://www.fink.com.au) E-mail [fink@fink.com.au](mailto:fink@fink.com.au)

# SL8 Specifications

DESIGN PRESSURE	22 MSW, 220 Kpa	CHAMBER MATERIAL	CARBON STEEL
OPERATING PRESSURE	20 MSW, 200 Kpa	FINISH	SHOTBLASTED AND PAINTED
OPERATING TEMPERATURE	17 - 38 DEG C	LIFE SUPPORT CONTROLS	PUSH BUTTON AIR PRESSURISATION
WEIGHT WITHOUT PERSONNEL	7,000 Kg	BIBS WITH OVERBOARD EXHAUST	FOUR
INTERNAL VOLUME	16.6 SCM	HOODS WITH OVERBOARD EXHAUST	FOUR
INTERNAL DIMENSIONS	2400 W X 2100 H X 3290 LG	DEPTH MEASUREMENT	DIGITAL WITH ANALOGUE BACKUP
DOORWAY SIZE	820 W X 1920 H	GAS ANALYSIS	OXYGEN 0 - 100% WITH ALARMS
MEDICAL LOCK DIMENSIONS	350mm SQ X 500mm	COMMUNICATIONS	P.A. SYSTEM, INTERNAL SPEAKERS WITH AUXILIARY FOUR CHANNEL ENTERTAINMENT
FOUR LIGHTPORTS	50mm I.D.	LIGHTING	FOUR EXTERNAL DIMMABLE LIGHTS
TWO TV PORTS	330mm I.D.	CHAMBER RELIEF	RELIEF VALVE
ONE VIEWPORT	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, SL8 CAN BE SURFACED IN <2MINUTES
DESIGN CODE	AS1210-1989 & PVHO-1	NOISE LEVEL	<50 Dba
CERTIFICATION	AUSTRALIAN WORKCOVER AUTHORITY	CO2 ANALYSIS	INCLUDED
OPTIONAL CERTIFICATION	LLOYDS, DNV, ABS, ASME 'U' STAMP		

