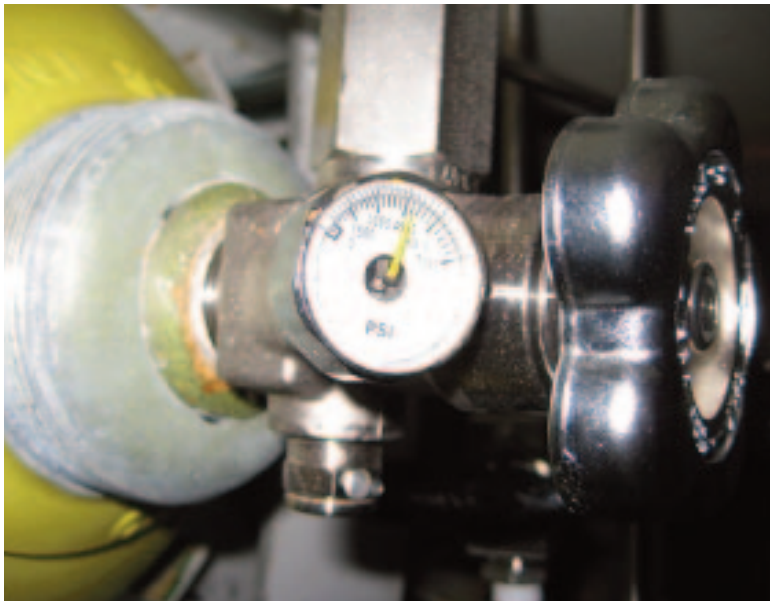




Chembio LifeShelter™ **Proprietary “Bottles-Off” Design - Patent #7,941,974**

“BOTTLES-OFF” DESIGN ADVANTAGES

- All Chembio shelters have a proprietary valve with integrated gauge
- Bottles remain in the off position until an emergency
- Pressure can be checked without opening the valve
- If a valve leak should occur, only that bottle will be affected
- If a circuit leak should occur, no bottles are affected
- Pre-shift inspections can be conducted at a glance without opening or closing any valves



0-7,000 PSI GAUGE
INSTALLED IN A
MONEL VALVE

Continued...

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Chembio LifeShelter™

CONTAINER

- All frames meet MSHA Part 7 structural requirements
- Rebuilt units are outfitted with new doors, handles and seals
- Two sets of protected mine phone connectors are installed
- All frames are pressure tested
- Frame will be painted and new operating instructions, warning labels and reflective tape will be applied

INFLATABLE TENT

- Tents meet MSHA Part 7 structural requirements
- Maximum ambient temperature for all tent models is 66°F
- All tents are equipped with purgeable airlocks and an MSHA approved strobe with timer
- Two gas sampling ports

SUPPLIES (5 YEAR SHELF LIFE)

- Food bars – 2,000 Calories/Person/Day
- Water – 1 Gallon/Person/Day
- First aid kits
- Chemical toilet with wag bags
- MSHA Approved flashlights
- MSHA approved strobe light
- Shelter repair kit
- Care pack (Bible, games, writing paper, pens, etc.)

AIR PROCESSING

- Passive CO2 curtains – 5-year life

AIR MONITORING

- All units require Industrial Scientific MX6 gas monitoring kits approved for use in a shelter
- Gas monitors are not included in pricing

Continued...



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MSHA VOLUME CAPACITY CHART

MODEL	USABLE VOLUME	CAPACITY <36" 30 FT ³ / PERSON	CAPACITY >36" - <42" 37.5 FT ³ / PERSON	CAPACITY >42" - <48" 45 FT ³ / PERSON	CAPACITY >48" - <54" 52.5 FT ³ / PERSON	CAPACITY >54" 60 FT ³ / PERSON
2428-20	629.5	20	16	14	10	10
3236-30	1,576.80	N/A	30	30	30	26
3236-20	1,056.00	N/A	20	20	20	14
4042-34	2,048.90	N/A	N/A	34	34	34
4042-30	2,048.90	N/A	N/A	30	30	30

NOTE: Smaller units can be used in higher seams but de-rating may occur.
 Example: The 2428-20 will house 20 people in seams up to 36" but if used in 42" seams it de-rates to 16 people. (See MSHA volume chart above)
 The 4042-30 & 4042-34 seam height is unlimited.

NOTE: GAS MONITORS ARE NOT INCLUDED AND ARE TO BE SUPPLIED BY THE CUSTOMER

6-MONTH INSPECTIONS

A thorough inspection is recommended every six months by an authorized Chembio service technician for the purpose of ensuring the unit is being maintained in accordance with all State and Federal regulations.