ISTAIR® 350 Lt Portable, Compressed Fresh Air Breathing System



The compressor system with 350 L stainless steel tank is designed for long-term work in closed areas with oxygen deficiency.

Air line breathing systems are systems that are carried on the back and waist, and provide the breathable clean air necessary for the personnel to work in areas too narrow to be entered with respiratory devices. The system is combined with a hose and reel system that can be extended up to 33 meters as standard in polluted or oxygen deficient environments.

These systems have versions with compressors or steel air cylinders suitable for a variety of use.

ISTAIR® air line breathing systems are supplied with automatic demand valve (demand valve), full face mask, waist belt and manifold suitable for the number of users.

The automatic demand valve automatically switches to the positive pressure position with the first breath, it has a special button on it for additional air support.

The waist unit system complies with the EN 14593-1 standard and is CE marked. Steel tubes in the products comply with ISO 9809 (or EN 1964-2) and composite tubes according to EN 12245 standards.

EXTERIOR SHEATH AVAILABLE OPTIONALLY

TECHNICAL DETAILS

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EXTERIOR SHEATH AVAILABLE OPTIONALLY

When the compressor is at 8 bar, the stop switch automatically disables the compressors. Compressors start again when consumption starts with 4 people and the pressure drops to 4.5 bar. The time for the pressure to drop from 8 bar to 4.5 bar with consumption for 4 people is 4.5 minutes on average.

When the compressor is activated at 4.5 bar and consumption is continued with 4 people, the time to reach 8 bar is approximately 4 minutes.

NOTE: The performances mentioned above are real values that have been tested in the field with a consumption of 4 people.

TECHNICIAL SPECIFICATIONS;

1. OIL-FREE AIR COMPRESSOR 6 PIECES
2. 350 L STAINLESS AIR TANK
3. HOSE RELEASE 2 PCS
4. COMPRESSOR AIR REGULATOR
5. EMERGENCY SAFETY TUBE ADJUSTMENT REGULATOR
6. 6 L 300 BAR EMERGENCY SAFETY TANK 1 PIECE
7. CONTROL BOX
8. CARBON FILTER
9. CONTRACOR FILTER COMPATIBLE WITH EN 12021 STANDARD
10. CARRIER CABINET
11. BELT, WAIST FIXER, DEMAND VALVE 4 PCS
12. FULL FACE MASK 4 PCS 13.

AUTOMATIC STOP SWITCH

14. AIR DIRECTION VALVE

15 AND EMPOWER.ANTISTATIC AIR HOSE