

Strata Fresh Air Bay Options

Mobility and Hardening Packages

The Strata Fresh Air Bay, an inflatable emergency refuge chamber, is constructed to withstand the rugged and highly mobile environment of underground coal mining. Additional hardening, protective armor and robust wheel and hitch packages are available and can be added either during construction or retrofitted at a later time.

WHEEL & REINFORCED HITCH PACKAGE

Part Number: WHEEL&HITCH

Set of four wheels and a reinforced tongue provide easier, more time-efficient transportation and maneuverability of the refuge chamber underground. The wheels are bolted on and can be easily removed/installed as needed. The tongue can be used on either end of the refuge chamber, and is held in place with removable pins.



WHEEL/FENDER GUARD PACKAGE

Part Number: FENDER GUARD

Fender guards add additional protection to the wheels and spindles to lessen the likelihood of function-compromising damage to the wheels during transportation underground.



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HARDENING

Part Number: HARDENING

Hardening packages help to minimize damage sustained in the case of direct impact to the refuge chamber. The hardening package is bolted on to allow for easy removal if necessary.



PIPE BUMPER/CORNER GUARDS

Part Number: PIPE BUMPER

Set of four pipe bumpers on each corner adds additional protection and assists with maintaining the integrity of the door frames. Pipe bumpers are bolted on for easily removal if necessary.



VIEWPORT DOORS

Part Number: VPMAINTDOOR

Viewport doors with multiple sight ports enable viewing of pressure gauges and the recording of pressure readings without breaking the tamper-proof seal. This also eliminates the need to replace tamper-proof seals every shift check.

