



**LUNO
SYSTEMS**

BAC-D SERIES

BREATHING AIR COMPRESSOR SERIES



FEATURES

Airtrack™ ready - allowing for easy integration of live air quality monitoring, shutting down the compressor if air quality is compromised

Raised air intake draws air in away from exhaust fume and other potential contamination



Automatic switchover to emergency air if compressed air supply is compromised

Direct drive compressor gives class leading reliability



Removable control panel for main and emergency supplies and entrant control tallies



Stainless steel and aluminium bodywork ensures asset longevity



Chalwyn valve and spark arrestor



Filtration and drying system ensures continuous quality breathing air

Trailer mounted compressor providing continuous, reliable and quality breathing air for long duration projects

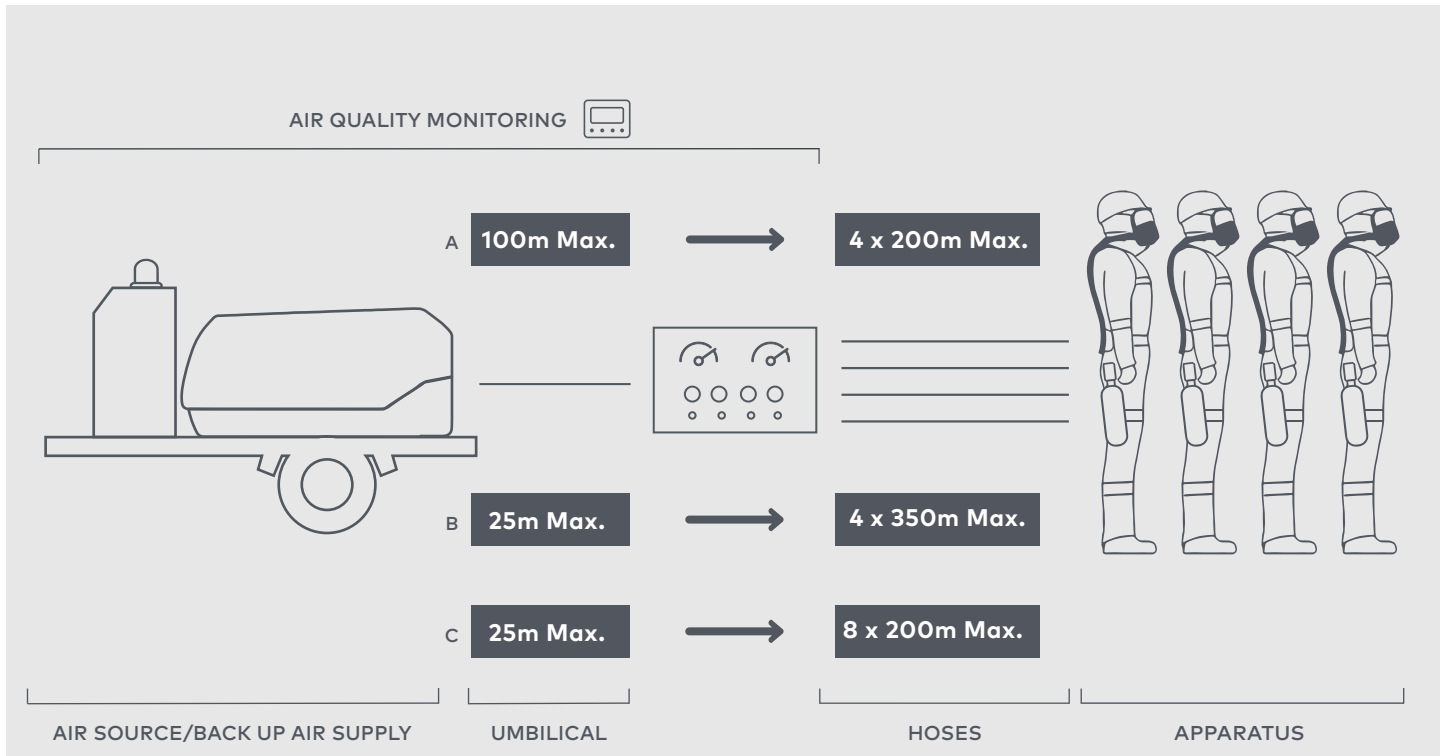
Based on a diesel engine with direct drive to the compressor, all units are automatically fitted with a chalwyn valve and spark arrestor as standard, for automatic shutdown and explosion protection. Constructed to meet the requirements of EN139/ EN14594 for Airline Breathing Apparatus units will produce high purity air to the EN12021 standard.

If the main supply should fail, there is an alarm which simultaneously activates giving an audible and visual warning.

Unique to these compressors is the control panel, which can be removed from the trailer and positioned remotely to just outside the work zone, and provide means of entry control for the users.

The BAC1000HV version is a higher air delivery unit designed for applications using airsuit's or constant flow supplied air units. Customised versions offering higher air delivery and bespoke built versions are also available.

TYPICAL CONFIGURATION OPTIONS



AIR SOURCE

20404 BAC1000 COMPRESSOR INC. 4 MAN
REMOVABLE CONTROL PANEL - NO CYLINDERS

BACK UP AIR SUPPLY

20198 300 BAR 9 LITRE COMPOSITE CYLINDER
QTY REQUIRED: 4

AIR QUALITY MONITORING

See AIRTRACK product sheet

BREATHING AIR HOSES

See HOSES AND UMBILICALS product sheet

APPARATUS

See AIRSTAR product sheet



SPECIFICATION

	BAC 1000	BAC 1000-HV
Engine	Diesel	Diesel
Compressor	Atlas Copco 85cfm	Atlas Copco 85cfm
After Cooler	Yes	Yes
Filtration	3 stage, coalescing and carbon	3 stage, coalescing and carbon
Compressor Oil	Food grade	Food grade
Size - including chassis arm (mm)	3600(L) x 1650(W) x 1500(H)	3600(L) x 1650(W) x 1500(H)
Gross Weight	760kg	760kg
Back Up Air Supply Capacity	4 x 9.0L 300 bar cylinder	Connection for external
Air Delivery	770lpm	1600lpm
Control Panel	4 user outler, 25m supply umbilical	4 user outler, 25m supply umbilical or AS2 Airsuit Panel
Raised Air Intake	Yes	Yes
Chalwyn Valve and Spark Arrestor	Yes	Yes
Chassis	Single axle, braked, ball hitch	Single axle, braked, ball hitch
Dryer	Heatless dessicant, auto-drain	Heatless dessicant, auto-drain
Alarm	Beacon and siren, whistle on control panel	Beacon and siren, whistle on control panel
Certification	EN14593/4 EN12021	EN14593/4 EN12021