

HELMET-RPB



Purpose-built personal protection
for metal spraying

Equipment Overview



THE HELMET & REGULATOR

The HELMET-RPB is the most versatile multi-purpose respirator available. It is the ultimate combination of heavy-duty protection and extreme comfort. The large visor allows a widened perspective due to its exceptional downward and peripheral vision. The Shade 5 lens option is the ideal visor for arc spraying. Manufactured from engineering grade plastic, the cold air tube supplies a continuous flow of cool compressed air to the helmet.



HELMET FEATURES

- First ever padded helmet.
- Hinged visor for easy communication.
- Air deflector for airflow adjustment.
- Fixed jaw ensures secure cape attachment.
- Vision-Link light mount point.
- Adjustable comfort-fit padding system for optimum weight distribution.
- Optional ear defender system that fits directly to the helmet with no modifications.



Product Range

HELMET, HOSE & REGULATOR



HELMET-RPB

Thermal spray helmet with cape



COOL-RPB

Cool tube air cooler for HELMET-RPB



AIR TUBE-RPB

Breathing tube between waistbelt and HELMET-RPB

OPTIONAL EXTRAS



EAR-DEF-RPB

Ear defenders for HELMET-RPB



CAPE-RPB

Replacement cape for HELMET-RPB



CLIM-RPB

Climate control device (warm and cool) for HELMET-RPB



LIGHT-RPB

Helmet light set for HELMET-RPB



HELMET-RPB-IR5

Flip Up Shade 5 Visor c/w Cover Clip and Retainer

Complete Kits

ARC KIT



HELMET-RPB-A

Thermal spray helmet with cape, air-tube, cool-tube air cooler, visible flow indicator and shaded visor



OP-SAFETY-ARC-AF8

ARC spray operators safety kit, comprising of air filtration unit, thermal spray helmet with cape, air-tube, cool-tube air cooler, visible flow indicator, flip up shaded visor, ear defenders & 8m air hose

FLAME KIT



HELMET-RPB-F

Thermal spray helmet with cape, air-tube, cool-tube air cooler, visible flow indicator and clear visor



OP-SAFETY-GAS-AF8

Flamespray operators safety kit, comprising of air filtration unit, Thermal spray helmet with cape, air-tube, cool-tube air cooler, visible flow indicator, ear defenders & 8m air hose

APPROVALS FOR HELMET-RPB

Respiratory	CE0194 - EN14594:2005, EN12941:1998+A1 +A2 TH3
	UK/EUR - APF 40, USA - APF 1000+
	NIOSH Type C
Flow rate	140 l/min (minimum). Standard operating flow rate 160-180 l/min
Head protection	UK/EUR - EN397:2012+A1:2012 , USA - NIOSH Z89.1
Eye and Face Protection	UK/EUR - EN166:2002, USA - NIOSH Z87+ High Velocity Impact for Eye & Face
Hearing Protection - optional	EN 352-3, SNR 34

TECHNICAL DATA FOR COOL-RPB

Air Flow	15 cfm
Air Supply Requirements	for 15m Hose = 55 to 85 psi
Airlines	3/8 " I.D. required
Warning System	Visual Low flow indicator located inside helmet
Weight of unit without belt	163 g
Silencer/oil indicator	Silencer located inside breathing tube, oil/moisture controlled at Radex Airline filter
operation temperature	-10 °C to +60 °C
Dimensions	38.5 mm
Casing Material	Delrin 527UV

AFU Airline Filtration

AIRLINE
FILTRATION
UNIT

PVC
AIRLINE
HOSE

OPTIONAL
EXTRA



AFU-TWIN-RPB

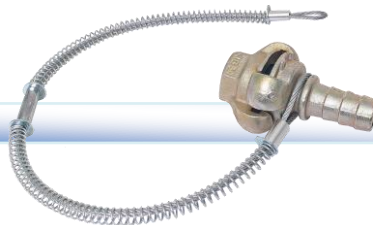
Air filtration unit (2 users)
for Helmet-RPB



AFU-AH-**-RPB

Air hose between AFU
and waistbelt/regulator

** Available in
8, 15 and 30m



AFU-IA-ASSY

Air Filtration
Input Assembly

Features & Data

FEATURES

- Large capacity, 6-stage filter cartridge that removes moisture and particulates to 0.5 micron and odour from the compressed air stream.
- Unique twist and lock mounting system allowing easy floor or wall mounting, no bolts required.
- Quick disconnect coupler.
- 150 psi safety pressure relief valve.
- Fitted with brass drain tap.
- Strong, robust housing.
- Replacement filter cartridge have a replacement date sticker for maintenance scheduling.
- Outlet pressure regulator with a range of 0-125 psi.

TECHNICAL DATA

Recommended Air Temperature	Max = 60 °C
Air Pressure	Outlet pressure regulator provides the ability to adjust air pressure. Range 0-125 psi)
Maximum recommended operating pressure	150 psig / (1034 kpa)
Particle removal	0.5 micron as standard. Paired with Micro mist filter Removes oils and particulates down to below 0.1 micron
Inlet connection	1" NPT thread
Outlet connection(s)	Rectus 22 (09-900 = 2 Connections / 09-906 = 6 Connections

TECHNICAL DATA