

FILTERS

FOR USE WITH THE VANGUARD G5 EX PAPR

The Vanguard G5 EX filter range provides particulate and selected gas/vapour filtration options for use only with the approved Vanguard G5 EX PAPR system. The system uses a pre-filter together with either a P3 particulate filter or an approved combined filter, depending on the application, contaminant type and workplace risk assessment.

Filters must be correctly selected, fitted, used, maintained and replaced in accordance with the user instructions, the workplace respiratory protection program and applicable work health and safety requirements.



**99.997%
FILTER
EFFICIENCY**

PARTICULATE FILTER [P3]

PRODUCT CODE: PRF-G5A-P3

- » High-efficiency particulate filter (HEPA)
- » 99.997% filter efficiency
- » For protection against highly toxic or highly irritant particulates.



COMBINED FILTER [A2P3]

PRODUCT CODE: PRF-G5A-A2P3

- » Protection against certain organic gases and vapours with boiling point above 65°C
- » Includes particulate protection.



COMBINED FILTER [A1B1E1K1P3]

PRODUCT CODE: PRF-G5A-ABEK1P3

- » Protection against certain organic gases, inorganic gases, sulphur dioxide, acid gases, ammonia and organic ammonia derivatives
- » Includes particulate protection.



PRE-FILTER [5 PACK]

PRODUCT CODE: PRF-G5ATX-PF

- » Captures larger debris and particles before they enter the main filter
- » Helps extend main filter service life and reduce operating costs
- » Must be used together with the particle filter or combined filter.

SPECIFICATIONS

CODE	DESCRIPTION	MARKING	CARTRIDGE LABEL COLOUR	UNIT	CARTON
PRF-G5A-P3	Particle Filter (P3)	P R SL	White	1	40
PRF-G5A-A2P3	Combined Filter (A2P3)	A2P3	Brown / White	1	40
PRF-G5A-ABEK1P3	Combined Filter (A1B1E1K1P3)	A1B1E1K1P3	Brown / Grey / Yellow / Green / White	1	40
PRF-G5ATX-PF	Pre-Filter (5 pack)	N/A	N/A	5	40

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FILTER SCHEMATIC



FILTER LOADING

- » Vanguard G5 EX filters are for use only with the approved Vanguard G5 EX PAPR blower system.
- » The pre-filter and particle / combined filter must be used together.
- » Optional filter types are available for different work requirements.
- » Filters must be installed in the correct order: pre-filter, then particle or combined filter.
- » Ensure filters are correctly seated and the filter cover is securely closed before use.
- » The blower display provides a real-time filter loading indication for the particle filter.
- » When the filter becomes clogged, the device will flash and activate audible and vibration alarms, alerting the user to leave the contaminated area and replace the filter.

FILTER LIFE

- » Filter life depends on contaminant type, usage time, airflow rate, filter loading, particle concentration, gas/vapour exposure and environmental conditions.
- » Replace filters if they are dirty, wet, damaged, clogged or have exceeded their service life.
- » Filters cannot be cleaned.
- » Do not clean filters by tapping, knocking or blowing air through them.
- » The particle filter indicator monitors the condition of the particle filter only and does not indicate the remaining service life of combined gas filters.
- » Leave the work area immediately if contaminants can be smelt or tasted and change the filter.

STORAGE

- » Store filters in their original packaging in a clean, dry location away from direct sunlight, high temperatures, gasoline and solvent vapours.
- » Do not store outside the temperature range of -20°C to +55°C.
- » Do not store in environments with humidity exceeding 90%.
- » Before use, confirm the filter is within its shelf life.
- » Shelf life 5 years from the date of manufacture when stored correctly.

STANDARDS

- » Certified to AS/NZS 1716:2012 Respiratory Protective Devices when used in conjunction with PIP Vanguard G5 EX PAPR system.



AUSTRALIAN/
NEW ZEALAND
STANDARD
AS/NZS 1716:2012
SMK41729