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# 3M™ Jupiter Powered Air Purifying Respirator

## Technical Data Sheet

### Description

The 3M™ Jupiter Powered Air Purifying Respirator (PAPR) is designed to deal with dusts, particles, fumes, gases and vapours produced in the workplace, which can be injurious to the lungs. The Jupiter PAPR contains the air turbo and battery and is mounted on a sturdy decontamination belt.

### Features

- Air turbo self adjusts to keep airflow at user set calibration flow point
- Wide application against a range of industrial contaminants
- The turbo can be connected to a number of different filters and compliant 3M™ headtops according to user need
- The turbo contains the motor and rechargeable 8-hour Nickel Metal Hydride (NiMH) battery pack
- Visual & audible alarm for low battery charge or low airflow
- Robust, innovative design
- Recommended use of pre-filters to extend main filter life

### Standards

Depending on headtop used, can provide Protection Factors up to 100 (AS/NZS 1715) against mechanically and thermally generated particulates.

Provides Protection Factors up to 10 (AS/NZS 1715) against gases & vapours.

### Operation/Cleaning

Users need to be trained in the safe operation of this equipment. Routine checks must be carried out in accordance with the user instructions. Cleaning should also only be carried out as specified in the user instructions.



Suitable for use with 3M™ Headtops Versaflo™ S-Series and M-Series.

### Specifications

Jupiter Respirator	
Minimum Design Flow Rate	150 l/minute
Maximum Design Flow Rate	230 l/minute
Weight	882g (excl battery and filters) 1440g (incl. battery & Decon belt)
Storage Conditions	-20°C to +50°C and <90% humidity
Operating Temperature	-5°C to +40°C and <90% humidity
Ingress Protection Code (as specified in EN60529)	IP53
Battery	8 hr battery pack 5.2V NiMH re-chargeable

## Ordering Information

3M Code	Model #	Description
AT010592726	902-01-79	Jupiter AFU with Battery
XA007706071	085-01-00P	Blower Module
XA007706253	085-06-10P	Control Module - Jupiter
52000043803	007-00-64P	NIMH Battery Pack
AT010596396	003-00-58PAUS	Battery Charger, CHG-02
AT019167745	022-25-10P4	Braces for Jupiter Belt System
70071533015	BT-20L	Breathing Tube
XA007706584	BT-30	Breathing Tube, Adjustable Length
UU003085113	BT-40	Breathing Tube, Heavy Duty
52000044306	003-00-59P	Jupiter 10 Station Battery Charger
XA007708028	021-14-12P	Jupiter™ Airflow Indicator

## Filters

3M Code	Model #	Description
CR180804708	461-00-02P24	Pre Filter Discs - 24 per pack
CR180806000	450-00-25	Particulate Filter - P3 PAPR
CR180806018	453-00-25P	Organic Vapor & Particulate Filter - A1P3
CR180806042	453-09-25	Multigas & Particulate - A1B1E1K1P3 PAPR

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