



## 3M™ Aircare™ Wall/Floor Mounted Filtration Unit ACU-01 / ACU-02

### Care and Maintenance

The 3M™ Aircare™ Filtration Unit provides high quality air from an external source of compressed air by removing water and oil droplets, solid particles and odours. The unit removes condensation and contamination from within the air system before it is delivered to the user.

To maintain protection levels, optimise the effective lifetime of the system and avoid the additional cost of replacement, it is extremely important to carry out regular checks and maintenance on equipment.

#### Before Use

- Ensure red indicator is not showing
- Check all connections are airtight
- Verify filter bowls are secure and free from collected liquids

#### Monthly if not in regular use

- General Inspection

#### After Use

- Depressurise unit
- General Inspection
- Cleaning of Stage 1 Filter

#### After 500 Hours Use

- Replacement of Stage 1 Filter Element
- Replacement of Stage 2 Filter Element  
(unless otherwise indicated by differential pressure indicator)

- Replacement of Stage 3 Filter Element  
(or if odour is detected)
- Replacement of Seals  
(Can be replaced at same time as elements if required)

If the unit is used at a higher temperature (+50°C to +80°C), extra maintenance will be required (see table below), which should be carried out in addition to the usual maintenance schedule. The gauge must be checked, and re-set if necessary, after any exposure to the higher temperature range.

	Replace seals (if not replaced regularly)	Replace unit
Infrequent exposure	2.5 years	5 years
8 hours exposure per day	12 months	2 years
Constant exposure	12 months	

#### Cleaning

- Clean casing with a mild solution of water and liquid household soap
- Disinfect with 3M™ 105 Wipes

**REPLACE ALL DAMAGED PARTS IMMEDIATELY TO ENSURE CORRECT LEVELS OF PROTECTION**





A



B



C



D



E



F

	3M Part Number
Aircare Filtration Unit - wall unit	ACU-01
Aircare Filtration Unit - floor unit	ACU-02
A Replacement filter kit (set of 3)	ACU-10
B Pressure gauge	ACU-14
C Retaining clips	ACU-12
D Anti-tamper lockout kit	ACU-13
E CEJN `342` socket and plug	530-12-81P3
E Rectus `25` socket and plug	530-12-82P3
E Broomwade `Instantair` socket and plug	530-12-80P3
E CAST connector	530-12-85P3
F 2-way manifold	312-03-01P
F 3-way manifold	312-03-00P3

### Ordering Consumables, Repair Parts and Accessories

To request a quote or place an order for these items, please contact your 3M Approved Distributor.

### Further Information and Advice

If you require additional guidance on the Care and Maintenance of your 3M Powered and Supplied Air Equipment, please contact the Helpline or your local 3M representative.



#### Occupational Health & Environmental Safety Group

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#### 3M Health and Safety Helpline

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