

## AIR FILTER UNITS

### AFU Series



#### WHO WE ARE?

- Arconik is an uprising multinational company
- An unique combination of expertise, R&D, know-how, and experience in the area of air filtration solutions positions Arconik as one of the most esteemed and fastest-growing companies in its field in the world.

#### MAIN FEATURES

- Filtering capacity 36, 100, 180, 240, 300, 450, 600, 900, 1200 & 1800 m<sup>3</sup>/h.
- Filters have been carefully tested and approved by SII (Standards Institution of Israel)
- Wide range of filters designed to filter the air from chemical and biological agents, toxic chemicals & materials, including TIC's and TIM's.

#### ADVANTAGES

- Protection with a high wall/ hidden installation, thus saving valuable space.
- A special system of by-passes and quick connectors, allow a fast turnover to emergency mode
- Easy service and maintenance access

## APPLICATIONS

#### Safe Rooms



#### Hospitals



#### Oil Refineries

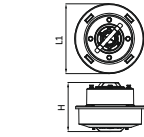
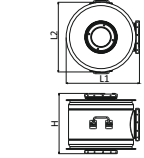
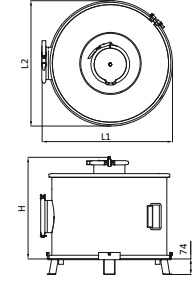
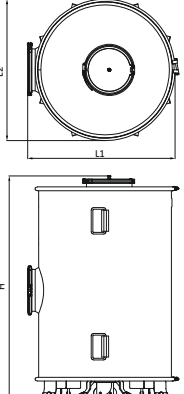


#### Power Plants



## TECHNICAL SPECIFICATIONS

| Properties                                   | Units             | AIR FILTER UNIT                                 |            |         |         |         |         |         |         |          |          |
|--|-------------------|---|------------|---------|---------|---------|---------|---------|---------|----------|----------|
|  |                   | AFU 36  | AFU RC 100 | AFU 180 | AFU 240 | AFU 300 | AFU 450 | AFU 600 | AFU 900 | AFU 1200 | AFU 1800 |
| Model Numbers                                |                   |   |            |         |         |         |         |         |         |          |          |
| Capacity Air Flow / Rated Capacity           | m <sup>3</sup> /h | 36  | 100        | 180     | 240     | 300     | 450     | 600     | 900     | 1200     | 1800     |
| Pressure Drop at Nominal flow                | Pa                | 500   | 180        | 500     | 500     | 500     | 500     | 500     | 1000    | 1000     | 1000     |
| Weight                                       | Kg                | 7   | 35         | 72      | 84      | 92      | 120     | 145     | 195     | 236      | 310      |
| Particulate Filtration Efficiency (AT 0.3 μ) | %                 | ≥ 99.995  |            |         |         |         |         |         |         |          |          |
| Adsorption Capacity                          |                   | Surpassing all National Civil Defence Standards |            |         |         |         |         |         |         |          |          |
| Working Temperature Range                    | °C                | -20 to +70                                      |            |         |         |         |         |         |         |          |          |

| MODEL   | MODEL NAME | LENGTH L1 (mm) | LENGTH L2 (mm) | HEIGHT H (mm) | CONNECTOR SIZE (mm) |
|---|------------|----------------|----------------|---------------|---------------------|
|  | AFU 36     | 333            | 333            | 235           | 56                  |
|  | AFU RC 100 | 468            | 445            | 372           | 206                 |
|  | AFU 180    | 630            | 600            | 485           | 150                 |
|   | AFU 240    | 630            | 600            | 555           | 200                 |
|   | AFU 300    | 630            | 600            | 625           | 200                 |
|   | AFU 450    | 630            | 600            | 825           | 200                 |
|   | AFU 600    | 630            | 600            | 988           | 200                 |
|  | AFU 900    | 710            | 674            | 1074          | 200                 |
|   | AFU 1200   | 710            | 674            | 1304          | 200                 |
|   | AFU 1800   | 710            | 674            | 1705          | 200                 |