

# BREATHE BETTER with Air Filter Supplies

## DUCTED TERMINAL MODULES

### ADVANTAGE

Complete unit design with low pressure drop to save energy consumption and longer service life.

### APPLICATIONS

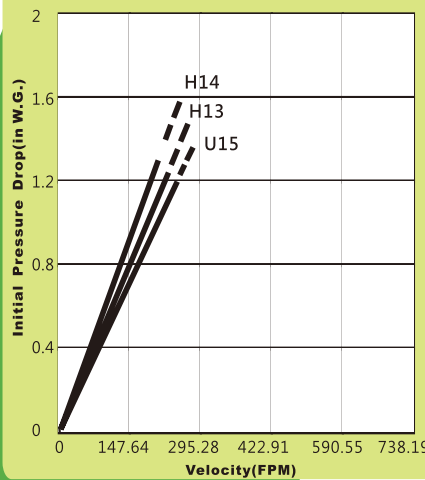
These modules are specially designed for the pharmaceutical, semi-conductor, micro-electronics, bio-industry and the surgery rooms of hospitals.

### DESCRIPTION

Design for easy installation. Module use glass fiber media which is mini-pleated with efficiency at 99.995% (H14) to 99.9995% (U15).



**INITIAL RESTRICTION vs.  
FACE VELOCITY**



### SPECIFICATION

- Series: Ducted terminal modules
- Frame: Extruded aluminum
- Media: Glass fiber
- Separators: Hot melt
- Sealant: Polyurethane
- Gasket: EVA
- Heat preservation material: PE
- Temperature:  $\leq 80^{\circ}\text{C}$
- Humidity:  $\leq 100\% \text{ RH}$
- Efficiency:
  - MPPS:  $\geq 99.95\%$  (H13);
  - DOP:  $\geq 99.97\%$  @  $0.3 \mu\text{m}$
  - MPPS:  $\geq 99.995\%$  (H14);
  - DOP:  $\geq 99.99\%$  @  $0.3 \mu\text{m}$
  - MPPS:  $\geq 99.9995\%$  (U15);
  - DOP:  $\geq 99.9995\%$  @  $0.1\sim 0.2 \mu\text{m}$
- Recommended final pressure drop:  $\leq 500\text{pa}$

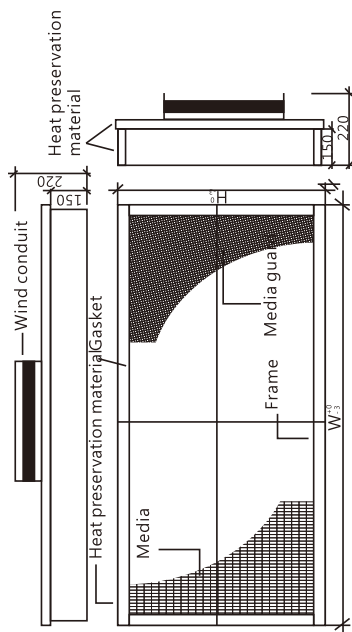
Air Filter Supplies is committed to providing a "one-stop shop" for all of your air filtration requirements.

As an air filter manufacturer, we are uniquely positioned to custom make most types of air filters.

**DIMENSIONS AND PERFORMANCE DATA:**

| ITEM NO.                            | ACTUAL SIZE<br>WxHxD(mm) | EFFICIENCY | AIR-FLOW/INITIAL RESISTANCE |          |
|-------------------------------------|--------------------------|------------|-----------------------------|----------|
|                                     |                          |            | CFM/W.G                     | CMM/Pa   |
| 34397600600150                      | 600×600×150              | H13        | 586/0.96                    | 16.6/245 |
| 34397610610150                      | 610×610×150              |            | 607/0.96                    | 17.2/245 |
| 343971210600150                     | 1210×600×150             |            | 1210/0.96                   | 34.3/245 |
| 343971220610150                     | 1220×610×150             |            | 1242/0.96                   | 35.2/245 |
| 3449600600150                       | 600×600×150              | H14        | 586/0.98                    | 16.6/250 |
| 3449610610150                       | 610×610×150              |            | 607/0.98                    | 17.2/250 |
| 34491210600150                      | 1210×600×150             |            | 1210/0.98                   | 34.3/250 |
| 34491220610150                      | 1220×610×150             |            | 1242/0.98                   | 35.2/250 |
| 3459600600150                       | 600×600×150              | U15        | 342/0.65                    | 9.7/165  |
| 3459610610150                       | 610×610×150              |            | 357/0.65                    | 10.1/165 |
| 34591210600150                      | 1210×600×150             |            | 710/0.65                    | 20.2/165 |
| 34591220610150                      | 1220×610×150             |            | 732/0.65                    | 20.7/165 |
| FACE VELOCITY : 98.43 FPM (0.5 M/S) |                          |            |                             |          |

**ENGINEERING DRAWING**



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