



You need fresh air, so does your home.



## Greentek Peace of Mind

All Greentek products are backed by the best limited warranty in the industry, for your peace of mind.

You benefit from a lifetime warranty on the core, a 5-year warranty on all components. So you can breathe easy.



*Imperial*

## Heat Recovery Ventilator SS 3.12 Series



# Greentek

## Features & Benefits



### DuoTrol balancing system

Silent and economical...  
By reducing motor speed  
to balance the unit, you  
avoid the noise that would

be produced by balancing dampers. In addition,  
with this technology the unit will consume  
less energy.



### SPM attachment system

The entire line of Greentek  
HRV/ERV products is  
designed for installation by a  
single person. "Single Person

Mounting" will enable you to save time and effort  
by offering you a variable attachment system.



### ISF 6" (diam.) collar system (Patent Pending)

Quick and simple to install  
thanks to our revolutionary  
"Insert Slide and Fix"

collar system. The "ISF" 6" (diam.) collar system  
enables you to manipulate duct within your  
reach and then insert by sliding it in place,  
for a better and quicker installation.



### Range of controls For optimal performance of your HRV/ERV system.

The entire range of  
GreenThinker controls  
is offered with features

making your ventilation system simple, easy to  
operate and backed by a 5-year limited warranty.

Choose from: RD-1, RD-2, RD-3P, RD-3D\*  
RD-4P (shown above), RD-4D\* and T-3 (Push-Button Timer)

\*SS 3.12 DD only.



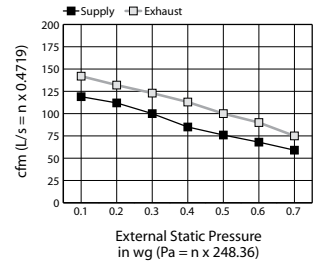
### High Performance Engineered motors

All Greentek products  
are designed with high-  
performance and reliable  
motors for your comfort and

peace of mind. Factory sealed and dynamically  
balanced, our motors are maintenance-free for  
years to come.

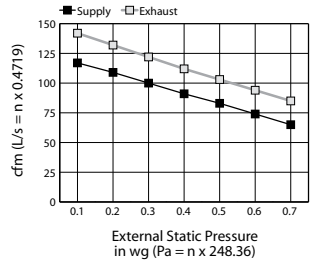
## Ventilation Performance SS 3.12 FSD

| External Static Pressure |        | Net Supply Air Flow |     | Gross Air Flow Supply |     | Gross Air Flow Exhaust |     |
|--------------------------|--------|---------------------|-----|-----------------------|-----|------------------------|-----|
| Pa                       | in. wg | L/s                 | CFM | L/s                   | CFM | L/s                    | CFM |
| 25                       | 0.1    | 54                  | 115 | 56                    | 119 | 67                     | 142 |
| 50                       | 0.2    | 51                  | 109 | 53                    | 112 | 62                     | 132 |
| 75                       | 0.3    | 45                  | 95  | 47                    | 100 | 58                     | 123 |
| 100                      | 0.4    | 39                  | 84  | 40                    | 85  | 53                     | 113 |
| 125                      | 0.5    | 35                  | 75  | 36                    | 76  | 47                     | 100 |
| 150                      | 0.6    | 31                  | 65  | 32                    | 68  | 42                     | 90  |
| 175                      | 0.7    | 27                  | 58  | 28                    | 59  | 35                     | 75  |



## Ventilation Performance SS 3.12 DD (TP)

| External Static Pressure |        | Net Supply Air Flow |     | Gross Air Flow Supply |     | Gross Air Flow Exhaust |     |
|--------------------------|--------|---------------------|-----|-----------------------|-----|------------------------|-----|
| Pa                       | in. wg | L/s                 | CFM | L/s                   | CFM | L/s                    | CFM |
| 25                       | 0.1    | 55                  | 116 | 55                    | 117 | 67                     | 142 |
| 50                       | 0.2    | 50                  | 107 | 51                    | 109 | 62                     | 132 |
| 75                       | 0.3    | 46                  | 98  | 47                    | 100 | 57                     | 122 |
| 100                      | 0.4    | 42                  | 90  | 43                    | 91  | 53                     | 112 |
| 125                      | 0.5    | 38                  | 81  | 39                    | 83  | 49                     | 103 |
| 150                      | 0.6    | 34                  | 73  | 35                    | 74  | 44                     | 94  |
| 175                      | 0.7    | 30                  | 64  | 31                    | 65  | 40                     | 85  |



## Energy Performance SS 3.12 FSD

|         | Supply Temperature |     | Net Air Flow |     | Power Consumed | Sensible Recovery | Apparent Sensible |
|---------|--------------------|-----|--------------|-----|----------------|-------------------|-------------------|
|         | °C                 | °F  | L/s          | CFM | Watts          | Efficiency        | Effectiveness     |
|         | °C                 | °F  | L/s          | CFM | Watts          | Efficiency        | Effectiveness     |
| HEATING | 0                  | 32  | 30           | 64  | 82             | 61                | 74                |
|         | 0                  | 32  | 44           | 94  | 108            | 57                | 68                |
|         | 0                  | 32  | 54           | 116 | 124            | 52                | 62                |
|         | -25                | -13 | 31           | 66  | 94             | 55                | 72                |

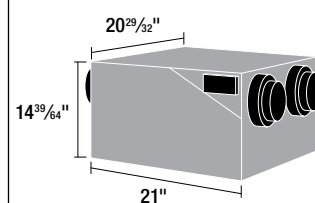
## Energy Performance SS 3.12 DD (TP)

|         | Supply Temperature |     | Net Air Flow |     | Power Consumed | Sensible Recovery | Apparent Sensible |
|---------|--------------------|-----|--------------|-----|----------------|-------------------|-------------------|
|         | °C                 | °F  | L/s          | CFM | Watts          | Efficiency        | Effectiveness     |
|         | °C                 | °F  | L/s          | CFM | Watts          | Efficiency        | Effectiveness     |
| HEATING | 0                  | 32  | 24           | 50  | 70             | 64                | 77                |
|         | 0                  | 32  | 31           | 65  | 84             | 62                | 73                |
|         | 0                  | 32  | 41           | 86  | 106            | 59                | 71                |
|         | -25                | -13 | 31           | 66  | 94             | 55                | 72                |

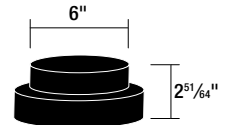
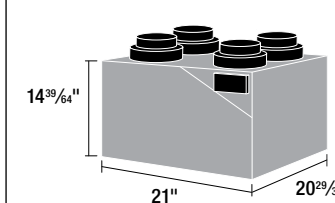
## SPECIFICATIONS

|                          | SS 3.12 FSD   | SS 3.12 DD (TP)   |
|--------------------------|---|---|
| Size                     | 21" x 20 <sup>29</sup> / <sub>32</sub> " x 14 <sup>39</sup> / <sub>64</sub> " | 21" x 20 <sup>29</sup> / <sub>32</sub> " x 14 <sup>39</sup> / <sub>64</sub> " |
| Weight                   | 46 lbs (20.86 Kg)   | 47 lbs (21.32 Kg)   |
| CFM                      | 30 to 140   | 30 to 140   |
| Type of heat exchanger   | cross-flow (Polypropylene)  | cross-flow (Polypropylene)  |
| Exchange surface         | 98 ft <sup>2</sup>  | 98 ft <sup>2</sup>  |
| Voltage                  | 120 VAC @ 60 Hz   | 120 VAC @ 60 Hz   |
| Amperage                 | 1.5 A   | 1.5 A   |
| Defrost type             | Evacuation  | Recirculation   |
| Certification            | HVI, SGSUSTC  | HVI, SGSUSTC  |
| Shipping Weight          | 55 lbs (25 Kg)  | 56 lbs (25.4 Kg)  |
| Configurations Available | Side & Top Port   | Top Port Only   |

### SS 3.12 FSD ONLY



### SS3.12 FSD & SS 3.12 DD TOP PORT ONLY



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You can find Greentek Indoor Air Quality products at the following distributor:



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