## **ICE** Series

In-ceiling heat recovery fresh air ventilators





FILTER BOX



EC EXHAUST FAN



**CONTROL PANEL** 

## **SPECIFICATIONS**

An economical enthalpy heat exchange unit that delivers improved air quality. Can complement and reduce costs on existing refrigerated, reverse cycle and heating systems.

In ceiling installation makes them ideal for classrooms, offices and apartments.

## FEATURES

- Custom built for internal or external installation
- Sensible or enthalpy heat exchanger
- 50 to 600 L/s airflow
- Variable airflow
- Low pressure drop
- Flexible design options

## OPTIONS

- Exhaust air hood
- Vermin screen
- Chilled/hot water coil

- EC exhaust fan
- Filter box

| Madal            |       |               |       |       |               |       |               |
|------------------|-------|---------------|-------|-------|---------------|-------|---------------|
| Model            | ICE05 | <b>ICE</b> 07 | ICE10 | ICE20 | <b>ICE</b> 30 | ICE45 | <b>ICE</b> 60 |
| Air Volume (L/s) | 50    | 70            | 100   | 200   | 300           | 450   | 600           |
| Ext. static (Pa) | 125   | 100           | 170   | 145   | 145           | 150   | 150           |
| Length (mm)      | 480   | 500           | 770   | 1020  | 1070          | 1200  | 1200          |
| Width (mm)       | 520   | 520           | 630   | 750   | 800           | 1000  | 1000          |
| Height (mm)      | 260   | 280           | 280   | 280   | 400           | 450   | 600           |
| Weight (kg)      | 18.5  | 22            | 32    | 50    | 85            | 105   | 118           |
| Power (W)        | 165   | 170           | 180   | 290   | 350           | 600   | 700           |
| Efficiency (%)   | 65    | 65            | 72    | 72    | 72            | 72    | 72            |
| Fan speed        | *     | *             | *     | 3     | 3             | 3     | 3             |

\*Models ICE-05, 07 and ICE-10 are fitted with single speed backward curved fans with external rotor motors. Their speed setting can be varied continuously through an external wall mounted dimmer switch. HPM fan controller D300FWE (300v rating) or equivalent.