

# FRESH INTEGRA

Exhaust fans • 2004-01-01



- New type of flexible fan-system
- Choose function/colour to suit your needs
- Innovative technique
- Installation & user friendly
- Upgradeable

## Fresh Integra

Exhaust fans for bathrooms, shower- and laundry rooms, as well as other areas in need of ventilation.

The Integra-range offers you the possibility to easily change function. With 8 different front housings you can easily change to requested function.

The front housings are available in white and aluminium.



## Specification

| Product        | Description  |        | Art no |
|----------------|--|--------|--------|
| Base unit      | The base unit has a vibration-free, rubber-suspended motor. <i>Each base unit require a front housing in order to be a functioning unit!</i> |        | 195668 |
| Front housings |  | White  | Alu    |
| Integra B      | Front housing / basic model  | 195660 | 196660 |
| Integra P      | Front housing / pull switch  | 195661 | 196661 |
| Integra S      | Front housing / speed regulator (30-85 m <sup>3</sup> /h)  | 195662 | 196662 |
| Integra TP     | Front housing / timer & pull switch  | 195663 | 196663 |
| Integra T-IR   | Front housing / timer & infrared sensor  | 195664 | 196664 |
| Integra H      | Front housing / humidity control   | 195665 | 196665 |
| Integra HTP    | Front housing / humidity control & timer   | 195666 | 196666 |
| Integra HT-IR  | Front housing / timer & infrared sensor  | 195667 | 196667 |
| Integra SAM    | Complete Integra S with thermostat, wall sleeves & ext.grille (round)  | 195669 |        |

*Note! Each Base unit require a front housing in order to be a functioning unit!*

## Technical facts

|                  |                                     |
|------------------|-------------------------------------|
| Capacity:        | 85 m <sup>3</sup> /h (free blowing) |
| Sound level:     | 38 dB(A) (1m)                       |
| Fan adapter dim: | Ø98 mm                              |
| Material:        | ABS plastic (recyclable)            |
| Colour:          | White, NCS S0502-Y                  |

# FRESH INTEGRA

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## Fresh Integra

Exhaust fans for bathrooms, shower- and laundry rooms and other areas in need of ventilation.

Fresh Integra is a completely new type of fan system. A system that offers you the possibility to easily choose the right function to suit your needs. The system is designed around a base unit and a number of different function housings, into which the different functions are built-in. The front housing is simply integrated on to the base unit which provides a complete fan. This also gives you the possibility to easily upgrade or change the function of the fan (no need to renew any of the electrical installation).

## Base unit

The Integra base unit is manufactured using the double casting technique. Integrated cable access, seals and vibration damping are made of polyelastastic rubber.

The rubber-suspension design for the motor makes the fan completely vibration-free and virtually silent running.

Sintered metal bearings gives long durability and the fan can be mounted either in wall or ceiling. The fan operates in areas with temperatures of up to 50°C. It has also a generous connection space, straight cable access and easily accessible connection block.

The design of the propeller has been optimised for high capacity and low noise levels.

## Front housing

The front housing is available in 8 different models. It is available in two colours, white and aluminium.



**IP44** ▲ □ S D N F CE

App.N18758

3 years function guarantee

Housings in different colours

Slim design

Upgradeable



Aerodynamic design for increased air-flow and low noise level

8 different models

Straight cable access and generous connection space

Integrated cable access

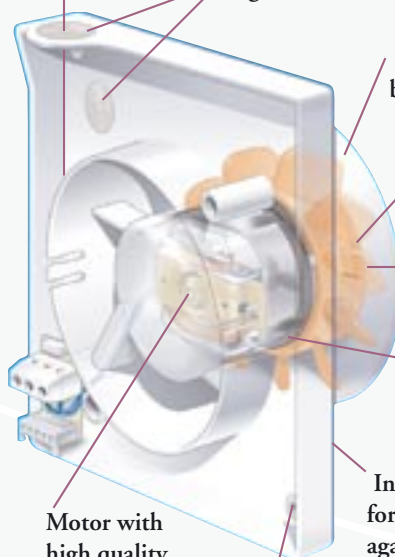
Only 58 mm built-in dimension

Cold air intake for the propeller provides motor ventilation

Silent running propeller

Vibration-free rubber-suspended motor

Integrated rubber seals for vibration damping against mounting surface



Motor with high quality, self-lubricating, bronze bearings

Fitted with only two screws

## Model/function

### Integra B

Basic model. Switched on and off from an external switch (not included).

### Integra P

Pull switch for switching on and off.

### Integra S

Speed regulator. The capacity, 30 - 85 m<sup>3</sup>, is controlled by using the regulator underneath the fan. The lower rotation speed the lower noise level.

### Integra TP

Adjustable timer and pull switch. The overrun time, 1-30 minutes, is adjusted with the regulator underneath the front housing. The fan is switched on by pulling the built-in pull switch. It switches off automatically after the set time. Alternatively you can choose to have the fan connected to a lamp switch by connecting a switch wire to the connection block on the base unit. The fan then switches off after the set time after the lamp has been switched off. The pull switch works even when a switch wire is connected.

### Integra T-IR

Adjustable timer and infrared sensor. The fan does not need any switch as it switches itself on/off using an infrared sensor that registers a presence in the room. You can adjust the timer so that the fan turns off after 1-30 minutes using the regulator underneath the front housing. The timer starts from the time the room is vacated.

### Heat Transporter, Integra SAM

A complete set includes a fan with speed regulator, wall sleeves, round external grille and a thermostat.

The Integra SAM is used when you wish to transport excess-heat from a room with an open fireplace to an adjoining room. The thermostat starts the fan when the temperature in the room exceeds the preset value.

The function is reversed when the temperature drops below the preset value. The thermostat is mounted in the "cold" room.

### Integra H

Humidity control. The fan starts when the relative humidity exceeds a certain, preset value, and switches off when the relative humidity sinks below the preset value. The starting point is infinitely variable between 40-85% relative humidity using the regulator underneath the front housing.

### Integra HT-IR

Humidity control with timer and infrared sensor. The humidity control functions are the same as for Integra H. The overrun time is adjusted between 1-30 minutes by using the regulator on the circuit board inside the front housing. The remaining functions are the same as for Integra T-IR.

### Integra HTP

Humidity control with adjustable timer and pull switch. The humidity control functions are the same as for Integra H. The overrun time is adjusted between 1-30 minutes by using the regulator on the circuit board inside the front housing. The remaining functions are the same as for Integra TP.

## Installation

The fan can be fitted to an existing ventilation duct, or to a new hole, min. Ø105 mm. If the hole/duct is larger than Ø125 mm, use a cover plate (accessory). If drilling a new hole, we recommend using wall sleeve Ø102/98 in order to receive a condensation-free installation. If the fan is installed in wall we recommend to use a cold surge protector (draught guard). This protector is easily mounted in the wall sleeve. The cold surge protector should not be used in a ceiling-installation as this prevents the natural ventilation.



