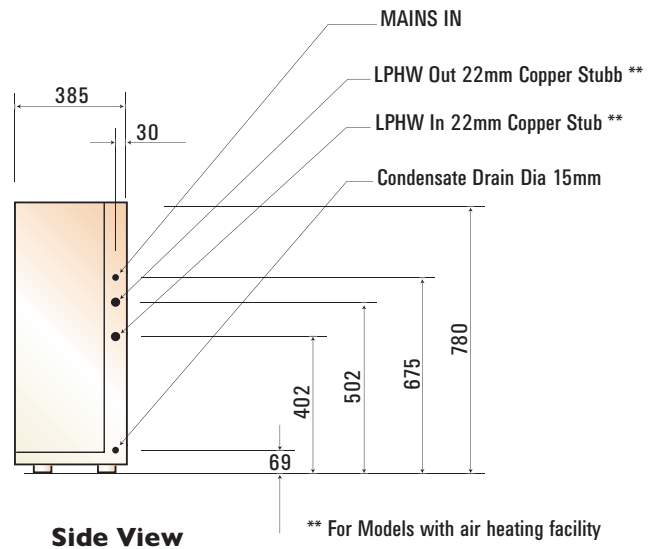
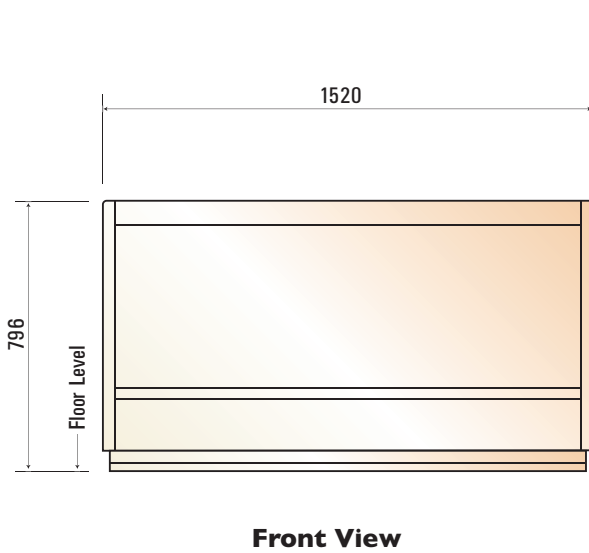
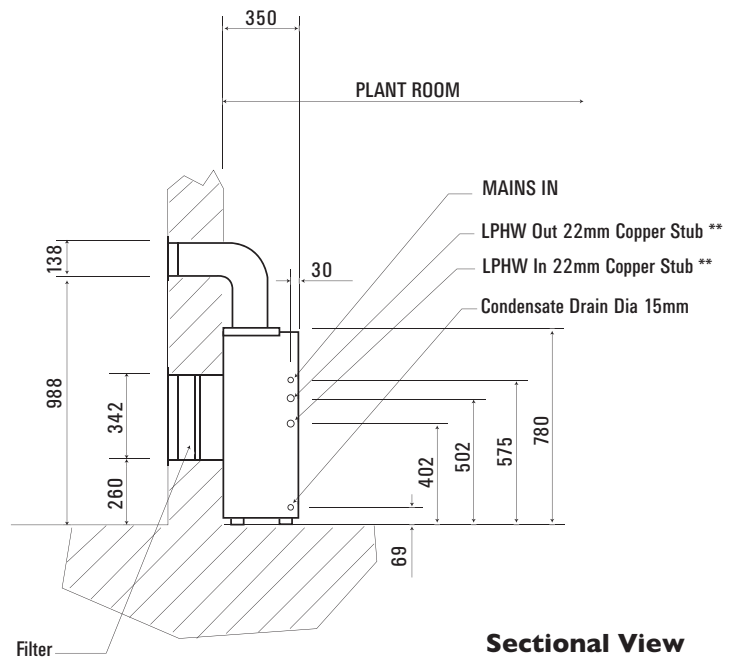
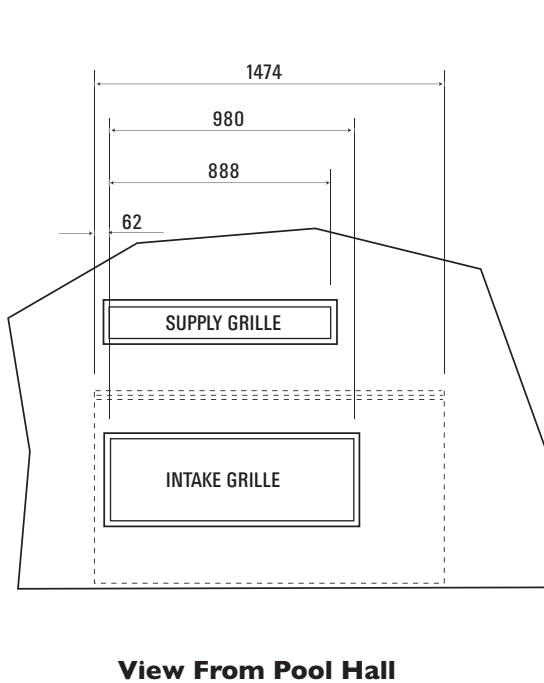


### Monitair I 10 - Standard



### Monitair I 10 - Through The Wall



Note: Machine and duct must be sealed to wall and all cavities to prevent recirculation. For installations against a cavity walling, the cavity around both 'supply and intake' holes needs to be sealed with a non-porous sleeve / board (by others).

\*\* For models with air heating facility

### Main Fan / Re-circulating

Re-circulating air flow - nominal (m <sup>3</sup> /hr)	1180
<b>Dehumidification Duty (l/hr)@29°C/60% RH</b>	
By heat pump	4.5

### Heat To Air (kW)

Via Heat Pump	6.4
Via LPHW @ 82°C *	8.9
Maximum Available Heat To Air *	12.2

\* applies to models with air heating only

### Electrical & Sound Data

Nominal Power Consumed (kW) 1ph	2.12
Nominal Power Consumed (kW) 3ph	1.94
Nominal Running Current (Amp) 1ph	9.3
Nominal Running Current (Amp) 3ph	4.2
Fuse Required (Amp) 1ph	20
Fuse Required (Amp) 3ph	10
Noise Level @ 3m (dBA)	53

### Plumbing Requirements (where fitted)

LPHW (Boiler) Connections (mm)	22 Stub
LPHW (Boiler) Flow Rate (l/min)	9.6
Condensate drain (mm)	15 Stub
<b>Recommended Boiler Output (kW) *</b>	<b>8.9</b>

only applicable with LPHW air heating option

LPHW = Low Pressure Hot Water  
 TTW = Through The Wall (models)

# INDUX Heat Recovery Ventilation Unit

## Self Contained - Through Wall Mounted



equipment offering further flexibility.

For summer operation the heat exchanger can be removed and replaced with a plastic divider board to provide positive cooling to rooms.

Washable filters are fitted on both supply and extract air streams and located behind the internal grilles for simple access and periodical cleaning.

### Electrical

90W 240v 50Hz Normal running consumption 60W.

- Eliminates lingering odours
- Reduces condensation
- Saves heat - 70% heat recovery
- Saves money on heating bills
- Provides clean Fresh Air
- Warm in winter
- Cool in summer
- Saves waste heat
- Saves energy - saves money
- Controls indoor pollution, smoke, smells, dust mites
- Made from recycled plastics - helps world resources

### Applications

The E300 unit is suitable for use in all rooms in the house and is ideal for controlling moisture and odours. Low noise and no requirement for make-up air means that E300 is also perfect for offices, classrooms, hotel suites, toilet areas, function rooms etc.

E300 heat recovery also makes the unit ideal for swimming pools, examination rooms, changing rooms, laundries, virtually all environments where ventilation and fresh air are required.

### How It Works

The E300 uses 2 specially developed mix flow fans to simultaneously supply and extract air. Both streams are passed through a plastic heat exchanger which extracts heat from the stale exhaust air and pre-warms fresh air supply. Extract and supply air streams do not touch. The heat exchanger consumes no power.

**High Performance** is achieved because of the special fan design which develops high pressure at low noise levels.

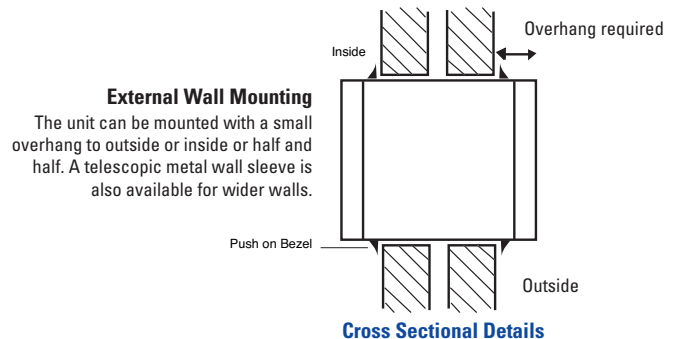
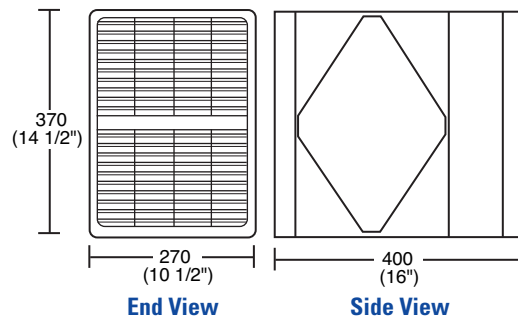
**High Efficiency** is achieved because of a breakthrough in the technology of heat exchanger manufacture. The all polymer welded construction provides up to 70% heat recovery by using maximum possible plate area with minimum pressure drop.

### Performance

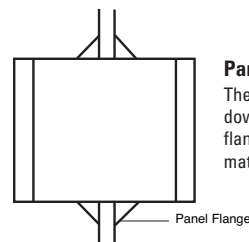
The E300 is fully controllable by use of a dedicated 3 speed controller. Automatic On / Off control or switching to boost is easily achieved.

A separate humistat can be used in conjunction with this

### Typical Installations



**External Wall Mounting**  
The unit can be mounted with a small overhang to outside or inside or half and half. A telescopic metal wall sleeve is also available for wider walls.



### Panel Mounting

The unit can be mounted in a replacement window panel or single leaf wall with a panel flange kit which is moulded in the same material as the unit case.

### Performance Chart

Heat recovery m <sup>3</sup> /hr (cfm)	Extract	Supply
Boost	300 (175)	270 (160)
Normal	210 (125)	190 (110)
Low	75 (45)	70 (40)
Summer Operation m <sup>3</sup> /hr (cfm)	Extract	Supply
Boost	400 (235)	400 (235)
Normal	300 (175)	300 (175)
Low	100 (60)	100 (60)