

LGH-RSDC-E

Residential Model

Particularly suitable for modern homes with high insulation afforded by double glazing and cavity insulation, which require ventilation to remove stale air without major heat loss. This model is also suitable for a number of non-residential applications such as schools.

- Effective fresh air ventilation
- Efficient recovery of heating/cooling energy
- Good sound attenuation
- Reduces heating costs
- Low power consumption with 5 variable fan speeds
- New “Hyper Eco Core” facilitating improved humidity penetration
- By-pass mode for ‘free cooling’. Including new power mode to supply a greater volume of fresh, cool air - for instance during summer nights
- SAP Appendix Q approved



Technical Information

| LOSSNAY | | | | | | | | | | | | |
|-------------------------------------|--|----------------|------|------|------|----|--------|-----|-----|-----|-----|----|
| MODEL REFERENCE | | LGH-50RSDC-E | | | | | | | | | | |
| ELECTRICAL POWER SUPPLY | | 220-240V, 50Hz | | | | | | | | | | |
| STARTING CURRENT (A) | | 2 | | | | | | | | | | |
| VENTILATION MODE | | LOSSNAY | | | | | BYPASS | | | | | |
| FAN SPEED | | 1 | 2 | 3 | 4 | 5 | POWER | 1 | 2 | 3 | 4 | 5 |
| INPUT POWER (W) | | 166 | 90 | 41 | 24 | 14 | 264 | 164 | 84 | 40 | 21 | 14 |
| AIRFLOW (m ³ /h) | | 395 | 305 | 215 | 144 | 90 | 468 | 395 | 305 | 215 | 144 | 90 |
| AIRFLOW (l/s) | | 110 | 85 | 60 | 40 | 25 | 130 | 110 | 85 | 60 | 40 | 25 |
| EXTERNAL STATIC PRESSURE (Pa) | | 88 | 53 | 26 | 12 | 5 | 124 | 88 | 53 | 26 | 12 | 5 |
| NOISE (dBA) | | 31 | 26 | 21 | 18 | 18 | 35 | 31 | 26 | 21 | 18 | 18 |
| TEMPERATURE EXCHANGE EFFICIENCY (%) | | 78.5 | 82 | 85.5 | 88 | 90 | - | - | - | - | - | - |
| ENTHALPY EXCHANGE EFFICIENCY | | | | | | | | | | | | |
| Heating | | 71 | 75 | 79 | 82 | 84 | - | - | - | - | - | - |
| Cooling | | 68 | 72.5 | 77 | 80.5 | 83 | - | - | - | - | - | - |
| WEIGHT (kg) | | 45 | | | | | | | | | | |
| DIMENSIONS (mm) | | | | | | | | | | | | |
| Width | | 1099 + 73 | | | | | | | | | | |
| Depth | | 898 | | | | | | | | | | |
| Height | | 302 | | | | | | | | | | |
| DUCT SIZE (mm) | | 200 | | | | | | | | | | |
| FUZE RATING (BS88) - HRC (A) | | 6 | | | | | | | | | | |
| MAINS CABLE No. Cores | | 3 | | | | | | | | | | |

