



## Technical Data

| Model                     |                        |                   | 50                | 70  | 90   | 100  | 115  | 150  | 170  | 200      | 250     | 300     | 410      | 490      |         |      |
|---------------------------|------------------------|-------------------|-------------------|---|------|------|------|------|------|----------|---------|---------|----------|----------|---------|------|
| Output (nominal)          | Nat Gas                | High Fire (max)   | kW                | 15.0  | 20.5 | 25.3 | 30.1 | 33.5 | 39.9 | 51.5     | 59.1    | 69.8    | 95.4     | 118.0    | 140.0   |      |
|                           |                        | Low Fire (min)    | kW                | 8.5   | 10.5 | 11.7 | 16.1 | 16.1 | 19.8 | 26.4     | 29.9    | 34.0    | 36.6     | 48.2     | 72.2    |      |
|                           | LPG                    | High Fire (max)   | kW                | 15.3  | 20.6 | 25.5 | 30.6 | 34.1 | 39.9 | 48.3     | 57.9    | 67.8    | 87.7     | 118.6    | 130.4   |      |
|                           |                        | Low Fire (min)    | kW                | 8.2   | 10.0 | 12.8 | 17.9 | 16.6 | 21.3 | 24.2     | 30.3    | 35.0    | 45.2     | 61.1     | 69.1    |      |
| Input (nett CV)           | Nat Gas                | High Fire (max)   | kW                | 16.2  | 22.2 | 27.4 | 32.1 | 35.8 | 43.1 | 55.9     | 64.2    | 75.3    | 103.2    | 127.0    | 150.0   |      |
|                           |                        | Low Fire (min)    | kW                | 8.9   | 11.0 | 12.2 | 16.5 | 16.8 | 20.5 | 27.4     | 32.4    | 35.1    | 38.2     | 50.0     | 76.5    |      |
|                           | LPG                    | High Fire (max)   | kW                | 16.7  | 22.5 | 27.8 | 33.3 | 36.6 | 43.5 | 52.6     | 62.6    | 72.3    | 94.4     | 127.2    | 139.4   |      |
|                           |                        | Low Fire (min)    | kW                | 8.7   | 10.3 | 13.8 | 18.8 | 17.6 | 22.3 | 25.7     | 32.1    | 36.5    | 47.0     | 63.3     | 72.1    |      |
| NOx Seasonal (Gross)      |                        |                   | mg/kWh            | 63.8  | 60.0 | 51.7 | 59.0 | 66.8 | 44.4 | 48.3     | 60.2    | 53.9    | 66.0     | 66.8     | 61.2    |      |
| Seasonal Space Efficiency |                        |                   | % hs,h            | 78.2  | 78.9 | 79.5 | 80.7 | 80.5 | 79.2 | 79.2     | 79.0    | 80.5    | 82.0     | 79.6     | 80.0    |      |
| Airflow Volume            | LX F & F/V & C         |                   | m <sup>3</sup> /s | 0.39  | 0.56 | 0.78 | 0.97 | 1.11 | 1.18 | 1.51     | 1.83    | 1.94    | 2.81     | 3.56     | 3.75    |      |
|                           |                        | LX D              | Min               | m <sup>3</sup> /s   | 0.39 | 0.56 | 0.78 | 0.97 | 1.11 | 1.18     | 1.51    | 1.83    | 1.94     | 2.81     | 3.56    | 3.75 |
|                           |                        |                   | Max               | m <sup>3</sup> /s   | 0.46 | 0.62 | 0.86 | 1.07 | 1.22 | 1.30     | 1.67    | 2.02    | 2.14     | 3.09     | 3.91    | 4.13 |
| Airflow                   | Throw Static           | LX F              | m                 | 10.0  | 14.0 | 20.0 | 25.0 | 28.0 | 30.0 | 35.0     | 38.0    | 42.0    | 44.0     | 45.0     | 45.0    |      |
|                           |                        | LX C              | Pa                | 220   | 320  | 220  | 220  | n/a  | 150  | 250      | 250     | 180     | 290      | 250      |         |      |
| Electrics                 | Supply                 | Standard          | V/ph/Hz           | 230/1/50  |      |      |      |      |      |          |         |         |          |          |         |      |
|                           |                        | Optional*         | V/ph/Hz           | 400/3/50 *on Centrifugal Units Only. 3Ph units shown in brackets () |      |      |      |      |      |          |         |         |          |          |         |      |
|                           | LX F                   | Run               | amp               | 0.9   | 1.0  | 1.0  | 1.2  | 1.7  | 1.3  | 1.8      | 2.5     | 2.4     | 3.2      | 46       | 4.7     |      |
|                           |                        | Start             | amp               | 1.9   | 2.0  | 2.0  | 2.4  | 4.0  | 2.7  | 4.0      | 5.0     | 4.0     | 6.0      | 8.0      | 8.0     |      |
|                           | LX C                   | Run               | amp               | 2.0   | 3.1  | 4.2  | 4.3  | n/a  | 5.8  | 7.6      | 10(4.8) | 10(5.3) | 12.8     | 17(4.6)  | 20(4.9) |      |
| Start                     |                        | amp               | 5.0               | 8.5   | 13.1 | 14.0 | n/a  | 18.0 | 26.3 | 29(16.5) | 38(18)  | 31.0    | 40(14.9) | 44(16.8) |         |      |
| Fuel                      | Connection             |                   | BSP/Rc            | 3/4"  |      |      |      |      |      |          |         |         |          | 1"       |         |      |
|                           | Nominal Inlet Pressure | Nat Gas           | mbar              | 20.0  |      |      |      |      |      |          |         |         |          |          |         |      |
|                           |                        | LPG               | mbar              | 37.0  |      |      |      |      |      |          |         |         |          |          |         |      |
|                           | Consumption            | Nat Gas           | m <sup>3</sup> /h | 1.71  | 2.35 | 2.90 | 3.40 | 3.79 | 4.56 | 5.92     | 6.79    | 7.96    | 10.73    | 13.44    | 15.87   |      |
| LPG                       |                        | m <sup>3</sup> /h | 0.68              | 0.92  | 1.14 | 1.36 | 1.50 | 1.78 | 2.15 | 2.56     | 2.96    | 3.86    | 5.20     | 5.7      |         |      |
| Mounting Height           | LX F & F/Duo           | Min               | m                 | 2.5   |      |      |      |      | 3.0  |          |         |         |          |          |         |      |
|                           |                        | Max               | m                 | 3.0   |      |      |      | 3.5  |      | 5.0      |         |         |          |          |         |      |
|                           | LX F/V                 | Min               | m                 | 2.5   |      | 4.0  |      |      | 5.0  |          |         | 6.0     |          |          |         |      |
|                           |                        | Max               | m                 | 3.0   |      | 6.0  |      |      | 7.0  |          |         | 8.0     |          | 10.0     |         | 12.0 |
| Overall Dims              | LX F                   | Height            | mm                | 450   | 500  | 570  | 670  | 532  | 720  | 684      | 760     | 912     | 810      | 975      | 1140    |      |
|                           |                        | Width             | mm                | 997   | 997  | 997  | 997  | 1325 | 997  | 1325     | 1325    | 1325    | 1950     | 1950     | 1950    |      |
|                           |                        | Depth             | mm                | 859   | 869  | 819  | 834  | 918  | 834  | 938      | 915     | 915     | 938      | 915      | 915     |      |
| Install Clearance         | All                    | Top               | mm                | 200   |      |      |      |      |      |          |         |         |          |          |         |      |
|                           |                        | LH Side           | mm                | 200   |      |      |      |      |      |          |         |         |          |          |         |      |
|                           |                        | RH Side           | mm                | 1000  |      |      |      |      |      |          |         |         |          |          |         |      |
|                           |                        | Rear              | mm                | 400   |      |      |      |      |      |          |         |         |          |          |         |      |
| Flue                      | Diameter               |                   | mm Ø              | 80  | 80   | 80   | 100  | 100  | 100  | 100      | 130     | 130     | 130      | 130      | 130     |      |
|                           | Max Length             | Flue Only         | m                 | 12  |      |      |      |      |      |          |         |         |          |          |         |      |
|                           |                        | Room Sealed       | m                 | 6   |      |      |      |      |      |          |         |         |          |          |         |      |
| Combustion Air Spigot     |                        |                   | mm Ø              | 80  | 80   | 80   | 100  | 100  | 100  | 100      | 130     | 130     | 130      | 130      | 130     |      |
| Noise Levels              | LX F                   | dB(A)             | 48                | 47  | 47   | 47   | 50   | 58   | 59   | 59       | 60      | 63      | 64       | 64       |         |      |
|                           | LX C                   | dB(A)             | 55                | 55  | 54   | 54   | N/A  | 60   | 60   | 62       | 62      | 66      | 67       | 67       |         |      |
| Nett Weight               | LX F                   | kg                | 59.5              | 73.0  | 76.5 | 81.0 | 84.0 | 103  | 122  | 135      | 149     | 202     | 238      | 286      |         |      |
|                           | LX C                   | kg                | 71.0              | 83.6  | 86.4 | 94   | N/A  | 122  | 143  | 170      | 213     | 329     | 364      | 430      |         |      |