

# Technical data sheet

## NEXO 120

### OPTIONS

| Firebox door                 |   |
|------------------------------|---|
| Steel door                   | ✓ |
| Glass door                   | ✓ |
| Side window                  |   |
| Without side window          | ✓ |
| Two side windows             | ✓ |
| One side window (left/right) | ✓ |
| Wood storage module          |   |
| Without wood storage module  | ✓ |
| With wood storage module     | ✓ |
| Coating                      |   |
| Black                        | ✓ |
| Platinum                     | ✓ |
| Mocha                        | ✓ |
| Nickel                       | ✓ |
| Sand                         | ✓ |
| White                        | ✓ |



# Technical data sheet

## NEXO 120

| Handles            |  |
|--------------------|--|
| Oak wood black     | ✓  |
| «classic»          | ✓  |
| Stainless steel    | ✓  |
| Corian®            | ✓  |
| Calf leather brown | ✓  |
| Calf leather black | ✓  |
| Oak nature         | ✓  |
| Top plates         |  |
| Steel 8 mm         | ✓  |
| Stainless steel    | ✓  |
| Soapstone          | ✓  |
| Air control        |  |
| CleverAIR™         | ✓  |
| Manual             | ✓  |
| Air-system         |  |
| Air-system         | ✓  |
| Rotating console   |  |
| Rotating console   | ✓<br>With a rotating console, smoke outlet is only possible upwards. |

# Technical data sheet

## NEXO 120

| Side bench        |   |
|-------------------|---|
| Side bench narrow | ✓ |
| Side bench wide   | ✓ |

# Technical data sheet

## NEXO 120

### PRODUCT INFORMATION

|                                     |              |
|-------------------------------------|--------------|
| Weight depending on model/equipment |              |
| Weight depending on model/equipment | 150 - 172 kg |
| Ø Smoke outlet                      |              |
| Ø Smoke outlet                      | 150 mm       |
| Ø Air inlet                         |              |
| Ø Air inlet                         | 100 mm       |
| Flue pipe outlet                    |              |
| Top                                 | ✓            |
| Rear                                | ✓            |
| Certifications                      |              |
| Energy efficiency class             | A            |
| Multiple occupancy                  | ✓            |
| Eco Design                          | ✓            |
| EN NORM                             | EN 13240     |
| MINERGIE® compatible                | ✓            |
| DIBt                                | Z-43.12-454  |
| BImSchV                             | Stufe 2      |
| Flamme Verte                        | 7*           |
| Classe energetica di appartenenza   | 4 Stelle     |

# Technical data sheet

## NEXO 120

### SERVICES

| Thermal output  |                         |
|---|-------------------------|
| Nominal heat output   | 5.7 kW                  |
| Thermal output range min./max.                                  | 2-9 kW                  |
| Fuelwood requirement  | 1.8 ≈ kg/h              |
| Energy efficiency   | 80 %                    |
| Combustion air requirement                                      | 14.4 m <sup>3</sup> /h  |
| Triple values   |                         |
| Exhaust gas mass flow   | 4.9 g/s                 |
| Exhaust temperature   | 268 °C                  |
| Required delivery pressure                                      | 12 Pa                   |
| Required delivery pressure at 0.8 times the nominal heat output | 10 Pa                   |
| Fire safety   |                         |
| Dust at 13 % O <sub>2</sub>                                     | 4 mg/Nm <sup>3</sup>    |
| CO emission at 13 % O <sub>2</sub>                              | 0.0906 %                |
| CO emission at 13 % O <sub>2</sub>                              | 1132 mg/Nm <sup>3</sup> |
| CO <sub>2</sub> concentration                                   | 10.2 %                  |
| OGC at 13 % O <sub>2</sub>                                      | 51 mg/Nm <sup>3</sup>   |
| NO <sub>x</sub> at 13 % O <sub>2</sub>                          | 91 mg/Nm <sup>3</sup>   |

# Technical data sheet

## NEXO 120

### Note

Other values apply in France. Please refer to the declaration of performance for France.

### INSTALLATION

| Distances to combustible materials (without side window) |        |
|--|--------|
| A: to the back   | 100 mm |
| B: to the side wall                                      | 350 mm |
| C: to the front  | 900 mm |
| D: upwards   | 400 mm |
| Distances to combustible materials (with side window)    |        |
| A: to the back   | 100 mm |
| B: to the side wall                                      | 450 mm |
| C: to the front  | 800 mm |
| D: upwards   | 400 mm |

### Note

Please observe the national/regional regulations for floor protection.

# Technical data sheet

## NEXO 120

### Sketches of safety distances

