

# Technical data sheet

## PILAR

### OPTIONS

| Firebox door        |   |
|---------------------|---|
| Steel door          | ✓ |
| Glass door          | ✓ |
| Coating             |   |
| Black               | ✓ |
| Platinum            | ✓ |
| Mocha               | ✓ |
| Nickel              | ✓ |
| Sand                | ✓ |
| White               | ✓ |
| Handles             |   |
| Oak wood black      | ✓ |
| «classic»           | ✓ |
| Stainless steel     | ✓ |
| Corian <sup>®</sup> | ✓ |
| Calf leather brown  | ✓ |
| Calf leather black  | ✓ |
| Oak nature          | ✓ |



# Technical data sheet

## PILAR

| Top plates                                |  |
|---|--|
| Steel 8 mm                                | ✓  |
| Stainless steel with convection regulator | ✓  |
| Soapstone                                 | ✓  |
| Step                                      | ✓  |
| Stainless steel ring for step             | ✓  |
| Heat-storage module©                      |  |
| Heat-storage module©                      | 120   60 kg  |
| Air control                               |  |
| CleverAIR™                                | ✓  |
| ElectronicAIR™                            | ✓  |
| Manual                                    | ✓  |
| Air-system                                |  |
| Air-system                                | ✓  |
| Rotating console                          |  |
| Rotating console                          | ✓<br>With a rotating console, smoke outlet is only possible upwards. |

# Technical data sheet

## PILAR

### PRODUCT INFORMATION

|                                     |             |
|-------------------------------------|-------------|
| Weight depending on model/equipment |             |
| Weight depending on model/equipment | 170 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-43.12-476 |
| BImSchV                             | Stufe 2     |
| Flamme Verte                        | 7*          |
| Classe energetica di appartenenza   | 3 Stelle    |

# Technical data sheet

## PILAR

### SERVICES

| Thermal output  |                        |
|---|------------------------|
| Nominal heat output   | 4.5 kW                 |
| Thermal output range min./max.                                  | 2-9 kW                 |
| Fuelwood requirement  | 1.6 ≈ kg/h             |
| Energy efficiency   | 81 %                   |
| Combustion air requirement                                      | 12.6 m <sup>3</sup> /h |
| Triple values   |                        |
| Exhaust gas mass flow   | 4.4 g/s                |
| Exhaust temperature   | 254 °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>                                     | 12 mg/Nm <sup>3</sup>  |
| CO emission at 13 % O <sub>2</sub>                              | 0.074 %                |
| CO emission at 13 % O <sub>2</sub>                              | 927 mg/Nm <sup>3</sup> |
| CO <sub>2</sub> concentration                                   | 10.2 %                 |
| OGC at 13 % O <sub>2</sub>                                      | 82 mg/Nm <sup>3</sup>  |
| NO <sub>x</sub> at 13 % O <sub>2</sub>                          | 73 mg/Nm <sup>3</sup>  |



# Technical data sheet

## PILAR

### INSTALLATION

| Distances to combustible materials (without side window) |         |
|--|---------|
| A: to the back   | 100* mm |
| B: to the side wall                                      | 500 mm  |
| C: to the front  | 850 mm  |
| D: upwards   | 750 mm  |

#### Note

Please observe the national/regional regulations for floor protection.

\*See installation manual

# Technical data sheet

## PILAR

### Sketches of safety distances

