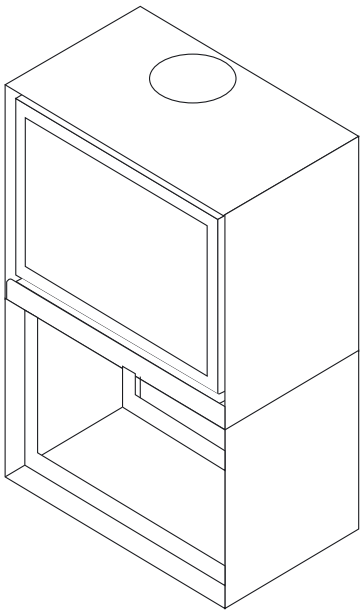
01 / 2022 **VERSION**

# 16/78-H | The stove

| | |
|---|---|
| **appearance** | compact and subtle design |
| **ergonomics** | accessibility to all mechanisms |
| **high efficiency** | |
| **economical** | low wood consumption |
| **low pollutant levels** | low emission of CO and fine particles |
| **air-tightness** | ++ |
| **for traditional and energy-efficient homes** | ✓ |
| **integrated log holder** | ✓ |



## TECHNICAL SPECIFICATIONS

### GENERAL

| | |
|---|---|
| TYPE OF SYSTEM | stove |
| MATERIALS | steel + vermiculite |
| COLOUR | Stûv grey |
| LOADING | manual |
| FUEL | wood |
| POSITION OF LOGS | horizontal |
| LENGTH OF LOGS | 60 cm |

### WEIGHT / DIMENSIONS

| | |
|---|---|
| WEIGHT | 158 kg |
| Ø OF SMOKE DUCT | 180 mm |
| HOT-AIR OUTLET | front |
| Ø OUTSIDE AIR INLET | 63 mm |

### PERFORMANCE

| | |
|---|---|
| OUTPUT | 8 kW |
| USAGE RANGE | 6-10 kW |
| EFFICIENCY | 75% |
| CO EMISSIONS | 0,09 % |
| FINE PARTICLE EMISSIONS | 13 mg/Nm$^3$ |
| RANGE OF WOOD CONSUMPTION | 1.8 - 3.0 kg/h |
| MINIMUM DRAW | 12 Pa |
| SMOKE MASS FLOW | 8.8 g/s |
| AVERAGE SMOKE TEMPERATURE | 318 °C |
| CONSUMPTION OF AIR FOR COMBUSTION | 23,5 m$^3$/h |
| ENERGY EFFICIENCY INDEX (EEI) | 100 |
| ENERGY EFFICIENCY CLASS | A |

### ACCESSORIES / EQUIPMENT

| | |
|---|---|
| ACCUMULATION | ✗ |
| CUPBOARD | ✗ |
| BARBECUE | ✗ |
| ASHTRAY | ✗ |
| CONVECTION | ✓ |
| FAÇADE | ✗ |
| OPEN FIRE | ✗ |
| MOBILOBOX | ❍ |
| GROUND PLATE | ❍ |
| READY-TO-FIT | ✗ |
| LOG RACK | ❍ |
| ROTARY FUNCTION | ✗ |
| BASE | ✗ |
| FAN | ✗ |
| RETRACTABLE GLASS | ✗ |

### AIR

| | |
|---|---|
| DIRECT OUTSIDE INLET | ✓ |
| CONTROL OF PRIMARY AIR | ✓ |
| CONTROL OF SECONDARY AIR | ✓ |
| POST-COMBUSTION | ✓ |
| AIR-TIGHTNESS | ++ |
| OPERATION WITHOUT FAN | ✓ |
| OVERHEATING INDICATOR | ✗ |

### MINIMUM SAFETY DISTANCE FROM ADJACENT COMBUSTIBLE MATERIALS

| | |
|---|---|
| BACK FACE | 30 cm |
| SIDE FACE | 15 cm |
| UPPER FACE | - |
| INSIDE FACE | 0 cm |

### LEGEND

| | |
|---|---|
| ✓ | STANDARD |
| ✗ | UNAVAILABLE |
| ❍ | OPTIONAL |

according to:
- OPair (CH)
- BE Phase 3
- BImSchV2 (DE)
- ECODESIGN 2022

CE A