



COMBI PELLET STOVE



Tested on:  TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology



Technical characteristics

| | | OPP-25kW | OPP-25kW + | OPP-35kW | OPP-50kW |
|---------------------------|----------------|-----------|------------|-----------|-----------|
| Heat power | kW | 8 - 25 | 8 - 25 | 11.7 - 35 | 15.7 - 47 |
| Water volume | l | 60 | 60 | 90 | 120 |
| Weight | kg | 267 | 287 | 348 | 392 |
| Flue gas temperature | °C | cca 160 | cca 160 | cca 160 | cca 160 |
| Max. outlet temperature | °C | 80 | 80 | 80 | 80 |
| Height | mm | 1358 | 1385 | 1530 | 1530 |
| Width | mm | 710 | 910 | 1010 | 1010 |
| Depth | mm | 948 | 948 | 948 | 1098 |
| Width without pellet silo | mm | 410 | 410 | 510 | 510 |
| Hight to mid flue pipe | mm | 1240 | 1240 | 1445 | 1445 |
| Flue pipe diameter | mm | 120 | 120 | 120 | 120 |
| Inlet / outlet height | mm | 88.2/1282 | 88.2/1282 | 88.2/1415 | 88.2/1415 |
| Inlet/ outlet | " | 1 | 1 | 5/4 | 5/4 |
| Pellet silo capacity | kg | 75 | 135 | 151 | 185 |
| El. Power consumption | W | 160/340 | 160/3440 | 160/410 | 160/410 |
| Loading door dimension | mm | 250x315 | 250x315 | 350x375 | 350x375 |
| Pellet consumption | kg/h | 1.6/5.5 | 1.6/5.5 | 2.3/7.2 | 3.5/11.1 |
| Max. Wood length | mm | 400 | 400 | 400 | 500 |
| Power supply | V/Hz | 230/50 | 230/50 | 230/50 | 230/50 |
| Max working pressure | Bar | 3 | 3 | 3 | 3 |
| Efficiency | % | 92/91.3 | 92/91.3 | 91.2/91 | 91/90.7 |
| Heating area | m ² | 575/200 | 575/200 | 750/280 | 1050/350 |

Advantages:

- Automatic control enable weekly programming
- Control according to flame temperature
- Possible to set 10 power steps
- Possible power modulation or constant power
- Possible direct connection on heating system or with buffer
- Simple room thermostat connection
- Tube heat exchanger with turbolators
- Simple cleaning and maintenance
- No condensation
- Efficiency 92%
- Possible to burn wood with by installing attached grille

