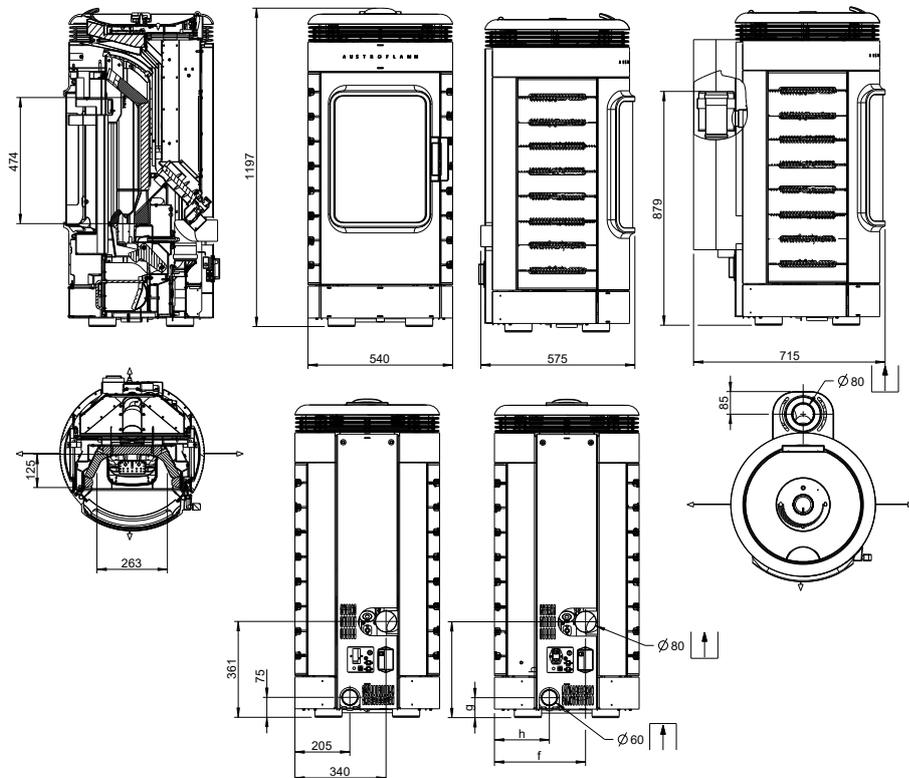


ELLA



AUSTROFLAMM



[www.austroflamm.com](http://www.austroflamm.com)

## Dimensions and weight

|   |         |
|---|---------|
| Height [mm]   | 1196    |
| Width [mm]  | 540     |
| Depth [mm]  | 575     |
| Combustion chamber width [mm]   | -       |
| Combustion chamber height [mm]  | -       |
| Combustion chamber depth [mm]   | -       |
| Flue pipe outlet, diameter [mm]   | 80      |
| Outside air connection diameter [Ø mm]  | 60      |
| Weight, basic appliance [kg]  | 168     |
| Weight Xtra [kg]  | -       |
| Weight, HMS [kg]  | -       |
| Total weight inc. steel case (STM) [kg]   | 182     |
| Total weight inc. ceramic case (KGM) [kg]                                       | 188     |
| Total weight inc. soapstone case (SPM) [kg]                                     | -       |
| b: Height of flue pipe connection, centre rear (as per diagram) [mm]            | 361     |
| f: Flue pipe connection from right (as per diagram) [mm]                        | -       |
| g: Height of external air connection, centre (as per diagram) [mm]              | 75      |
| h: External air connection from left (as per diagram) [mm]                      | 205     |
| Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]     | 800/800 |
| Minimum distance to combustible materials - left side dS_1 [mm]                 | 200/200 |
| Minimum distance to combustible materials - distance to rear dR [mm]            | 200/200 |
| Minimum distance to combustible materials - right side dS_2 [mm]                | 200/200 |
| Minimum distance to combustible materials - bottom dB [mm]                      | 0/0     |
| Minimum distance to combustible materials - floor in front dF [mm]              | 0/0     |
| Minimum distance to combustible materials - left side radiation area dL_1 [mm]  | 0/0     |
| Minimum distance to combustible materials - right side radiation area dL_2 [mm] | 0/0     |
| Minimum distance to combustible materials - distance to ceiling dC [mm]         | 750/750 |
| Minimum distance from non-flammable materials [mm]                              | 50/50   |

## Output

|  |          |
|--|----------|
| Nominal heat efficiency [kW]               | 7.7/7.7  |
| Minimum heat output [kW]                   | 3.8/3.8  |
| Maximum heat output [kW]                   | 7.7/7.7  |
| Minimum room heating capacity [m³]         | 82/82    |
| Maximum room heating capacity [m³]         | 210/210  |
| Pellet hopper capacity [kg/l]              | 15/22    |
| Minimum fuel throughput [kg/h]             | 0.85     |
| Maximum fuel throughput [kg/h]             | 1.79     |
| Burning time, minimum [h]                  | ≈ 9      |
| Burning time, maximum [h]                  | ≈ 25     |
| Power connection [V/Hz]                    | 230 / 50 |
| Energy efficiency index (EEI)              | 125/126  |
| Energy efficiency class                    | A+/A+    |
| Direct heat output [kW]                    | 7.7/7.7  |
| Indirect heat output [kW]                  | -/-      |
| Efficiency at nominal heat output [%]      | 88/88.3  |
| Efficiency at at part load heat output [%] | 90/ 90.5 |

## Equipment

|  |                |
|--|----------------|
| Room temperature sensor  | standard       |
| Weekly timer   | Accessories    |
| Automatic drop grate   | standard       |
| Ash removal  | Riddling grate |
| Balanced flue - DiBt (German Institute for Structural Engineering) | -              |
| WLAN module  | Accessories    |
| Remote control   | -              |
| Air distribution module  | -              |

## Data for the chimney sweep

|  |         |
|--|---------|
| Flue gas mass flow at nominal heat output [g/s]        | 6.7/6.7 |
| Flue gas temperature [°C]                              | 197/197 |
| Minimum delivery pressure at nominal heat output [Pa]  | 12/12   |
| Minimum delivery pressure for chimney calculation [Pa] | 3/3     |