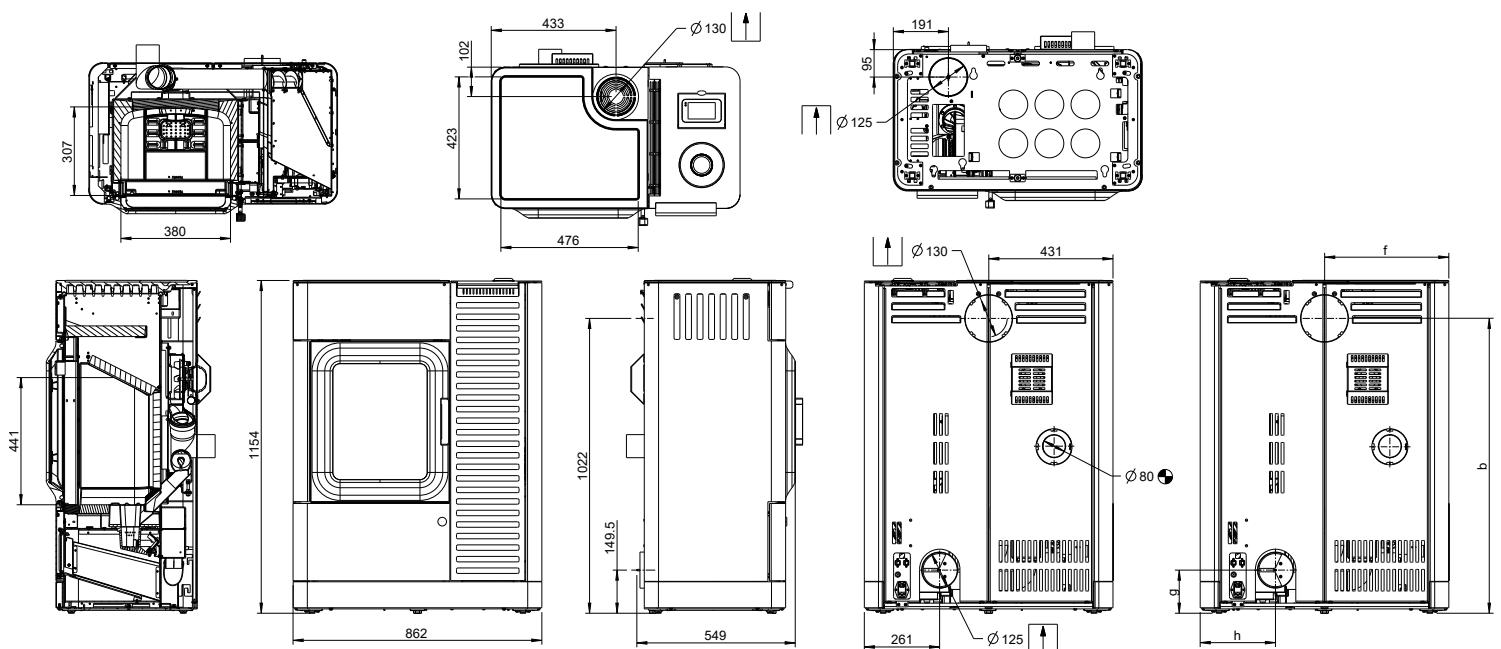


# MO DUO COOK



### Pellet operation

#### Dimensions and weight

Height [mm]	1154
Width [mm]	862
Depth [mm]	549
Combustion chamber width [mm]	380
Combustion chamber height [mm]	441
Combustion chamber depth [mm]	307
Flue pipe outlet, diameter [mm]	130
Outside air connection diameter [ $\varnothing$ mm]	125
Weight, basic appliance [kg]	285.5
Weight Xtra [kg]	-
Weight, HMS [kg]	55
Total weight inc. steel case (STM) [kg]	293.4
Total weight inc. ceramic case (KGM) [kg]	301.3
Total weight inc. soapstone case (SPM) [kg]	-
b: Height of flue pipe connection, centre rear (as per diagram) [mm]	-
f: Flue pipe connection from right (as per diagram) [mm]	-
g: Height of external air connection, centre (as per diagram) [mm]	149
h: External air connection from left (as per diagram) [mm]	261
Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]	1200/1200
Minimum distance to combustible materials - left side dS_1 [mm]	150/150
Minimum distance to combustible materials - distance to rear dR [mm]	150/150
Minimum distance to combustible materials - right side dS_2 [mm]	150/150
Minimum distance to combustible materials - bottom dB [mm]	0/0
Minimum distance to combustible materials - floor in front dF [mm]	600/600
Minimum distance to combustible materials - left side radiation area dL_1 [mm]	550/550
Minimum distance to combustible materials - right side radiation area dL_2 [mm]	550/550
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]	9.4 / 9.4
Minimum heat output [kW]	4.0 / 4.1
Maximum heat output [kW]	9.4 / 9.4
Minimum room heating capacity [ $m^3$ ]	114/114
Maximum room heating capacity [ $m^3$ ]	305/305
Pellet hopper capacity [kg/l]	≈ 34/51
Minimum fuel throughput [kg/h]	0.9/0.9
Maximum fuel throughput [kg/h]	2.3/2.3
Burning time, minimum [h]	≈ 14/≈ 14
Burning time, maximum [h]	≈ 37/≈ 14
Power connection [V/Hz]	230 / 50
Energy efficiency index (EEI)	123/125
Energy efficiency class	A+/A+
Direct heat output [kW]	9.4 / 9.4
Indirect heat output [kW]	-
Efficiency at nominal heat output [%]	87 / 88.6
Efficiency at at part load heat output [%]	≥ 91/92

- not available

### Equipment

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

### Data for the chimney sweep

Flue gas mass flow at nominal heat output [g/s]	6.8 / 7.0
Flue gas temperature [°C]	264 / 225
Minimum delivery pressure at nominal heat output [Pa]	12 / 12
Minimum delivery pressure for chimney calculation [Pa]	3

### Firewood operation

#### Dimensions and weight

Height [mm]	1154
Width [mm]	862
Depth [mm]	549
Combustion chamber width [mm]	380
Combustion chamber height [mm]	441
Combustion chamber depth [mm]	307
Baking compartment width [mm]	-
Baking compartment height [mm]	-
Baking compartment depth [mm]	-
Warming drawer, width [mm]	-
Warming compartment height [mm]	-
Warming drawer, depth [mm]	-
Dimensions, a (with Austroflamm elbow piece) [mm]	-
Dimensions, b (with Austroflamm elbow piece) [mm]	-
Dimensions, c (with Austroflamm elbow piece) [mm]	-
Dimensions, d (with Austroflamm elbow piece) [mm]	-
Flue pipe outlet, diameter [mm]	130
Outside air connection diameter [Ø mm]	125
Weight, basic appliance [kg]	285.5
Weight Xtra [kg]	-
Weight, HMS [kg]	55
Total weight inc. steel case (STM) [kg]	293.4
Total weight inc. ceramic case (KGM) [kg]	301.3
Total weight inc. soapstone case (SPM) [kg]	-
Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]	1200/
Minimum distance to combustible materials - left side dS_1 [mm]	150
Minimum distance to combustible materials - distance to rear dR [mm]	150
Minimum distance to combustible materials - right side dS_2 [mm]	150
Minimum distance to combustible materials - bottom dB [mm]	0
Minimum distance to combustible materials - floor in front dF [mm]	600
Minimum distance to combustible materials - left side radiation area dL_1 [mm]	550
Minimum distance to combustible materials - right side radiation area dL_2 [mm]	550
Minimum distance to combustible materials - distance to ceiling dC [mm]	750
Minimum distance from non-flammable materials [mm]	50
Permissible fuel filling quantity [kg]	2.0

- not available

Output	
Nominal heat efficiency [kW]	9.4
Minimum heat output [kW]	-
Maximum heat output [kW]	9.4
Minimum room heating capacity [m³]	114
Maximum room heating capacity [m³]	305
Energy efficiency class	A+
Energy efficiency index (EEI)	117
Direct heat output [kW]	9.4
Indirect heat output [kW]	-
Efficiency at nominal heat output [%]	≥ 88
Efficiency at part load heat output [%]	-
Equipment	
Xtra heat storage technology	-
Heat Memory System	-
External air connection / operation independent of ambient air	Yes
Ash removal	Ash box // riddling grate
Data for the chimney sweep	
Flue gas mass flow at nominal heat output [g/s]	6.1
Flue gas temperature [°C]	221
Minimum delivery pressure at nominal heat output [Pa]	12
at 0.8 times nominal heat output [Pa]	10