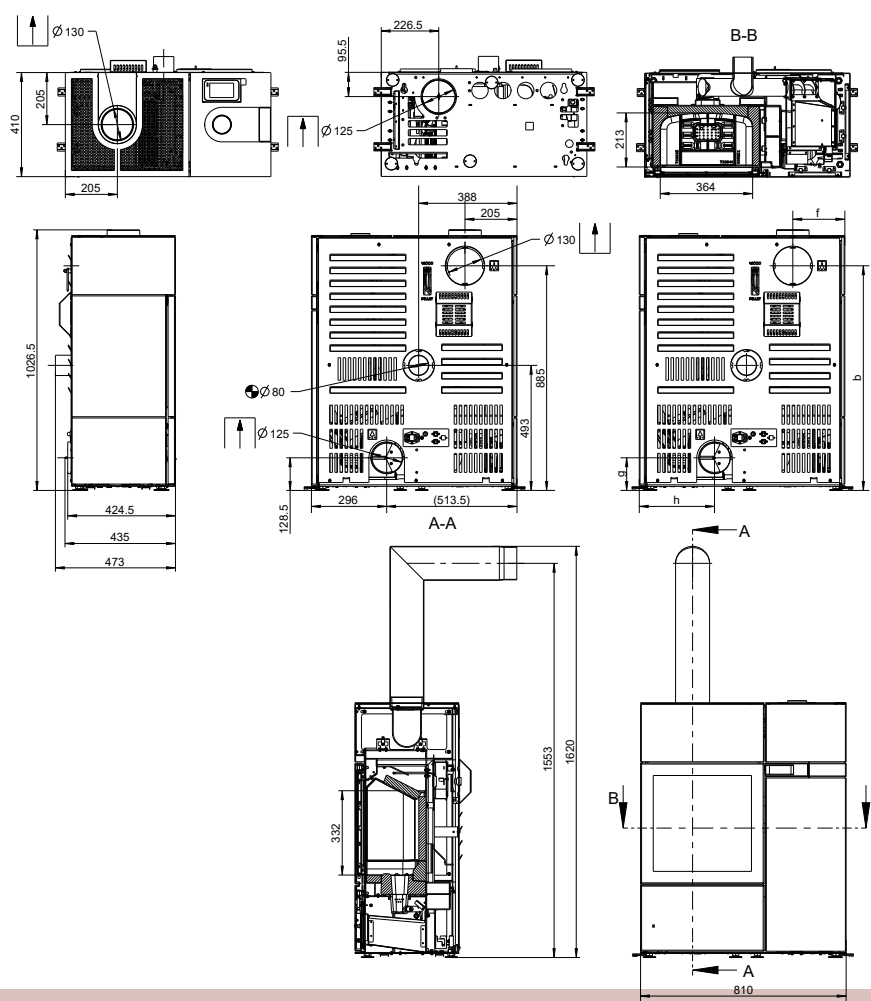


QUADRA DUO



Pellet operation

Dimensions and weight	
Height [mm]	1027
Width [mm]	810
Depth [mm]	425
Combustion chamber width [mm]	374
Combustion chamber height [mm]	332
Combustion chamber depth [mm]	213
Flue pipe outlet, diameter [mm]	130
Outside air connection diameter [Ø mm]	125
Weight, basic appliance [kg]	187
Weight Xtra [kg]	-
Weight, HMS [kg]	-
Total weight inc. steel case (STM) [kg]	under examination
Total weight inc. ceramic case (KGM) [kg]	-
Total weight inc. soapstone case (SPM) [kg]	-
b: Height of flue pipe connection, centre rear (as per diagram) [mm]	885
f: Flue pipe connection from right (as per diagram) [mm]	296
g: Height of external air connection, centre (as per diagram) [mm]	129
h: External air connection from left (as per diagram) [mm]	514
Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]	750
Minimum distance to combustible materials - left side dS_1 [mm]	150
Minimum distance to combustible materials - distance to rear dR [mm]	100
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]	520
Minimum distance to combustible materials - left side radiation area dL_1 [mm]	350
Minimum distance to combustible materials - right side radiation area dL_2 [mm]	350
Minimum distance to combustible materials - distance to ceiling dC [mm]	750
Minimum distance from non-flammable materials [mm]	50
Output	
Nominal heat efficiency [kW]	7.0
Minimum heat output [kW]	3.5
Maximum heat output [kW]	7.0
Minimum room heating capacity [m³]	82
Maximum room heating capacity [m³]	210
Pellet hopper capacity [kg/l]	16.8/30.5
Minimum fuel throughput [kg/h]	0.76
Maximum fuel throughput [kg/h]	1.66
Burning time, minimum [h]	10
Burning time, maximum [h]	22
Power connection [V/Hz]	230/50
Energy efficiency index (EEI)	126
Energy efficiency class	A+
Direct heat output [kW]	7.0
Indirect heat output [kW]	-
Efficiency at nominal heat output [%]	≥ 89
Efficiency at at part load heat output [%]	≥ 89

Equipment

Room temperature sensor	standard
Weekly timer	standard
Automatic drop grate	standard
Ash removal	Riddling grate // ash pan
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]	4.8
Flue gas temperature [°C]	226
Minimum delivery pressure at nominal heat output [Pa]	12
Minimum delivery pressure for chimney calculation [Pa]	12

Firewood operation

Dimensions and weight	
Height [mm]	1027
Width [mm]	810
Depth [mm]	425
Combustion chamber width [mm]	374
Combustion chamber height [mm]	332
Combustion chamber depth [mm]	213
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]	187
Weight Xtra [kg]	-
Weight, HMS [kg]	-
Total weight inc. steel case (STM) [kg]	under examination
Total weight inc. ceramic case (KGM) [kg]	-
Total weight inc. soapstone case (SPM) [kg]	-
Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]	750
Minimum distance to combustible materials - left side dS_1 [mm]	150
Minimum distance to combustible materials - distance to rear dR [mm]	100
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]	520
Minimum distance to combustible materials - left side radiation area dL_1 [mm]	350
Minimum distance to combustible materials - right side radiation area dL_2 [mm]	350
Minimum distance to combustible materials - distance to ceiling dC [mm]	750
Minimum distance from non-flammable materials [mm]	50
Output	
Nominal heat efficiency [kW]	6.8
Minimum heat output [kW]	-
Maximum heat output [kW]	6.8
Minimum room heating capacity [m³]	82
Maximum room heating capacity [m³]	210
Energy efficiency class	A
Energy efficiency index (EEI)	106
Direct heat output [kW]	6.8
Indirect heat output [kW]	-
Efficiency at nominal heat output [%]	80
Efficiency at at part load heat output [%]	-

Equipment

Xtra heat storage technology	-
Heat Memory System	-
External air connection / operation independent of ambient air	Yes
Ash removal	Riddling grate

Data for the chimney sweep

Flue gas mass flow at nominal heat output [g/s]	5.6
Flue gas temperature [°C]	209
Minimum delivery pressure at nominal heat output [Pa]	12
at 0.8 times nominal heat output [Pa]	10