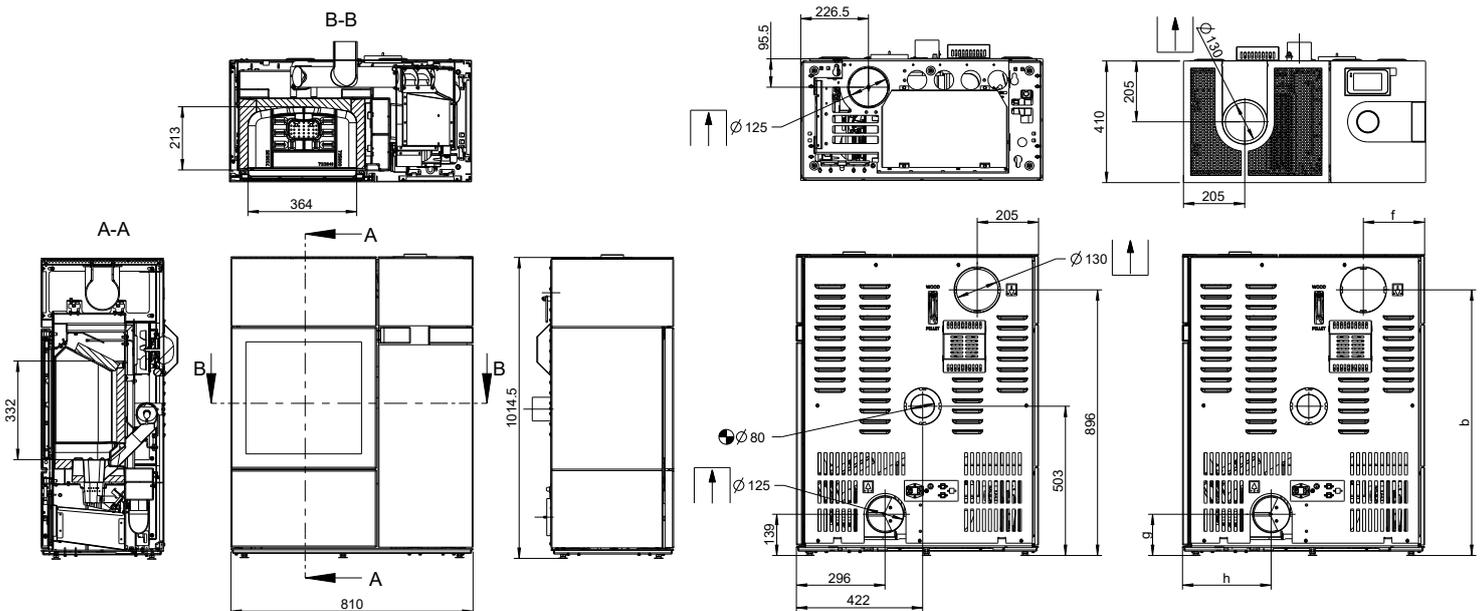
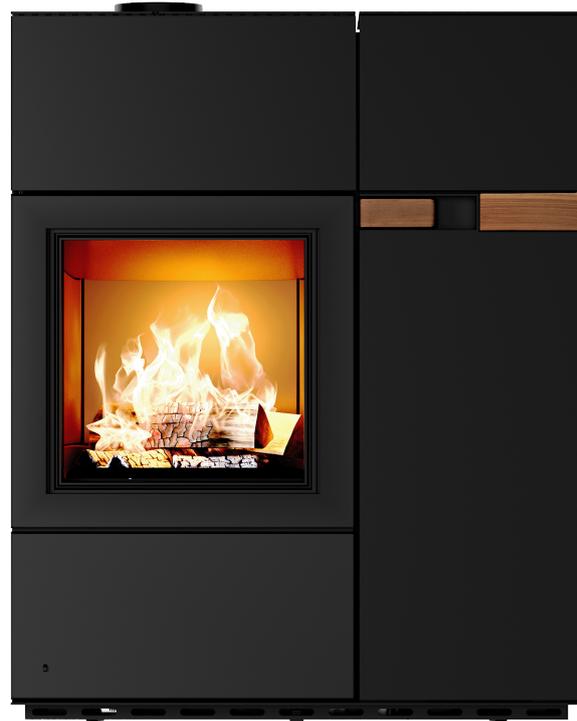


QUADRA DUO



Pellet operation

Dimensions and weight	
Height [mm]	1115
Width [mm]	810
Depth [mm]	410
Combustion chamber width [mm]	364
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]	189
Weight Xtra [kg]	NPD
Weight, HMS [kg]	NPD
Total weight inc. steel case (STM) [kg]	206
Total weight inc. ceramic case (KGM) [kg]	NPD
Total weight inc. soapstone case (SPM) [kg]	236.5
b: Height of flue pipe connection, centre rear (as per diagram) [mm]	896
f: Flue pipe connection from right (as per diagram) [mm]	205
g: Height of external air connection, centre (as per diagram) [mm]	139
h: External air connection from left (as per diagram) [mm]	296
Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]	1200
Minimum distance to combustible materials - left side dS_1 [mm]	300
Minimum distance to combustible materials - distance to rear dR [mm]	150
Minimum distance to combustible materials - right side dS_2 [mm]	300
Minimum distance to combustible materials - bottom dB [mm]	40
Minimum distance to combustible materials - floor in front dF [mm]	600
Minimum distance to combustible materials - left side radiation area dL_1 [mm]	600
Minimum distance to combustible materials - right side radiation area dL_2 [mm]	600
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 [m ³]	64
Maximum room heating capacity [m ³]	200
Pellet hopper capacity [kg/l]	19.8/ 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)	125
Energy efficiency class	A+
Direct heat output [kW]	7.0
Indirect heat output [kW]	NPD
Efficiency at nominal heat output [%]	≥88
Efficiency at at part load heat output [%]	≥88

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]	5.6
Flue gas temperature [°C]	249
Minimum delivery pressure at nominal heat output [Pa]	12
Minimum delivery pressure for chimney calculation [Pa]	12

Firewood operation

Dimensions and weight

Height [mm]	1115
Width [mm]	810
Depth [mm]	410
Combustion chamber width [mm]	364
Combustion chamber height [mm]	332
Combustion chamber depth [mm]	213
Baking compartment width [mm]	NPD
Baking compartment height [mm]	NPD
Baking compartment depth [mm]	NPD
Warming drawer, width [mm]	NPD
Warming compartment height [mm]	NPD
Warming drawer, depth [mm]	NPD
Dimensions, a (with Austroflamm elbow piece) [mm]	NPD
Dimensions, b (with Austroflamm elbow piece) [mm]	NPD
Dimensions, c (with Austroflamm elbow piece) [mm]	NPD
Dimensions, d (with Austroflamm elbow piece) [mm]	NPD
Flue pipe outlet, diameter [mm]	130
Outside air connection diameter [Ø mm]	125
Weight, basic appliance [kg]	189
Weight Xtra [kg]	NPD
Weight, HMS [kg]	NPD
Total weight inc. steel case (STM) [kg]	206
Total weight inc. ceramic case (KGM) [kg]	NPD
Total weight inc. soapstone case (SPM) [kg]	236.5
Minimum distance to adjacent combustible materials (e.g. furniture) dP [mm]	1200
Minimum distance to combustible materials - left side dS_1 [mm]	300
Minimum distance to combustible materials - distance to rear dR [mm]	150
Minimum distance to combustible materials - right side dS_2 [mm]	300
Minimum distance to combustible materials - bottom dB [mm]	40
Minimum distance to combustible materials - floor in front dF [mm]	600
Minimum distance to combustible materials - left side radiation area dL_1 [mm]	600
Minimum distance to combustible materials - right side radiation area dL_2 [mm]	600
Minimum distance to combustible materials - distance to ceiling dC [mm]	750
Minimum distance from non-flammable materials [mm]	50
Permissible fuel filling quantity [kg/h]	1.3/ 1.3

- not available

Output	
Nominal heat efficiency [kW]	6.3
Minimum heat output [kW]	NPD
Maximum heat output [kW]	6.3
Minimum room heating capacity [m ³]	64
Maximum room heating capacity [m ³]	200
Energy efficiency class	A+
Energy efficiency index (EEI)	110
Direct heat output [kW]	6.3
Indirect heat output [kW]	NPD
Efficiency at nominal heat output [%]	83.6
Efficiency at at part load heat output [%]	NPD
Equipment	
Xtra heat storage technology	-
Heat Memory System	-
External air connection / operation independent of ambient air	Yes
Ash removal	
Data for the chimney sweep	
Flue gas mass flow at nominal heat output [g/s]	6.3
Flue gas temperature [°C]	210
Minimum delivery pressure at nominal heat output [Pa]	11
at 0.8 times nominal heat output [Pa]	10