PARAMETERS OF FIREPLACE STOVES AND INTERIOR BOILERS VERNER	6 / 0	6 / 3	9 / 0	9 / 5	12 / 7	12 / 7D	16 / 11	13 / 10	13 / 10.1
heat-water exchanger	optionally	yes	optionally	yes	yes	yes	yes	yes	yes
total rated heat output	5 kW	6,5 kW	8 kW	9 kW	12 kW	12 kW	16 kW	13 kW	9 kW
rated capacity transferred through the stove surface	5 kW	3,5 kW	8 kW	4 kW	5 kW	5 kW	5 kW	3 kW	2 kW
rated capacity transferred into heating system	-	3 kW	-	5 kW	7 kW	7 kW	11 kW	10 kW	7 kW
efficiency (at rated capacity)	78%	80%	80%	80%	80%	80%	80%	87,4%	87,4%
fuel consumption (at rated capacity)	1,6 kg / h	2 kg / h	2,5 kg / h	2,75 kg / h	3,6 kg / h	3,6 kg / h	4,9 kg / h	3,6 kg / h	2,5 kg / h
burning time of full feeding hopper (at rated capacity) *	2 - 5 h	2 - 5 h	2 - 5 h	2 - 5 h	2 - 5 h	2 - 5 h	2 - 5 h	3 h	3 h
stoking area depth (maximum lenght of the logs)	275 mm	275 mm	375 mm	370 mm	400 mm	400 mm	370 mm	350 mm	350 mm
stoking area capacity	36 l	33 l	45 l	45 l	60 l	60 l	80 l	60 l	50 l
ashbin capacity	5 l	5 l	8,5 l	8,5 l	8,5 l	8,5 l	13,5 l	16 l	16 l
combustion gas temperature into chimney (at rated capacity)	280 °C	250 °C	250 °C	250 °C	250 °C	250 °C	250 °C	250 °C	250 °C
total weight	115 kg	117 kg	155 kg	160 kg	170 kg	250 kg	220 kg	255 kg	235 kg
minimum transport body weight	55 kg	55 kg	80 kg	80 kg	95 kg	140 kg	150 kg	200 kg	200 kg
width	380 mm	380 mm	530 mm	530 mm	565 mm	570 mm	570 mm	590 mm	590 mm
depth	410 mm	410 mm	530 mm	530 mm	575 mm	675 mm	515 mm	532 mm	470 mm
height (without smoke way cover)	850 mm	850 mm	850 mm	850 mm	900 mm	990 mm	1030 mm	1254 mm	1254 mm
height (with smoke way cover)	1700 mm	1700 mm	1800 mm	1800 mm	1900 mm	2100 mm	2100 mm	-	-
water capacity of the exchanger	-	1,5 l	-	4,5 l	4,5 l	4,5 l	6 l	30 l	25 l
max.pressure loss of the exchanger (70 / 90 °C)	-	5 Pa	-	5 Pa	5 Pa	5 Pa	5 Pa	5 Pa	5 Pa
maximum operation overpressure	-	200 kPa	-	200 kPa	200 kPa	200 kPa	200 kPa	200 kPa	200 kPa
connecting sleeves (internal thread)	-	G 1"	-	G 5/4 "	G 5/4 "	G 5/4 "	G 5/4 "	G 5/4 "	G 5/4 "
minimum required chimney draught	15 Pa	15 Pa	15 Pa	15 Pa	15 Pa	15 Pa	15 Pa	15 Pa	15 Pa
minimum chimney cut	150 cm2	150 cm2	200 cm2	200 cm2	200 cm2	200 cm2	250 cm2	250 cm2	250 cm2
minimum recommended chimney height **	4 m	4 m	4 m	4 m	4 m	4 m	5 m	5 m	5 m
flue neck	up / back	up	up / back	up	up	up	up	up	up
flue neck diameter	120 mm	120 mm	145 mm	145 mm	145 mm	145 mm	160 mm	180 mm	160 mm
emission class of CO	2	2	1	1	2	2	2	1	1
efficiency class	1	1	1	1	1	1	1	1	1
combustion gas mass flow rate	0,009 kg / s	0,009 kg / s	0,01 kg / s	0,01 kg / s	0,011 kg / s	0,011 kg / s	0,013 kg / s	0,0095 kg / s	0,0095 kg / s
usage in permanent heated building with the thermal loss to	7 kW	7 kW	10 kW	10 kW	15 kW	15 kW	20 kW	16 kW	13 kW
usage in occasional heated building with the thermal loss to	6 kW	6 kW	8 kW	8 kW	10 kW	10 kW	15 kW	14 kW	12 kW
min. output of the connected heating system	-	3,5 kW	-	6,5 kW	9 kW	9 kW	13 kW	12 kW	10 kW
boiling valve	no	no	no	yes	yes	yes	no	no	no
recooling loop in the exchanger	-	ne	-	yes	yes	yes	optionally	yes	yes
glow-breaker	yes	optionally	yes	optionally	no	no	no	no	no
specified fuel ***	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)	logs, wooden briquettes, wood chips (up to 20% of the moisture)

*** depending on the used fuel**

**** it is orientation figure, minimum chimney height is influenced by the building position; the statement of the designer or chimneyer is decisive**

***** fuel cannot get through the grate**

MW 08/2010