PRITY

1995 - 2010

15 YEARS

BULGARIA

Abundant heat

No in turn	Fireplaces Model K	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	PRITY Mini	5	39x47x62	48
2	PRITY K1	9	45x40x76	67
3	PRITY K1 W8	8+4=12	45x40x76	67
4	PRITY K1 CP	9	46x44x76	74
5	PRITY CP W8	8+4=12	46x44x76	74
6	PRITY K1 R	9	45x39x75	68
7	PRITY K1 M	7	36x42x76	60

Fireplace
PRITY Mini

Fireplace
PRITY K1 M

Fireplace
PRITY K1 R

Fireplace
PRITY K1

Fireplace
PRITY K1 CP

Fireplaces Prity K1

Fireplace PRITY K2

No in turn	Fireplaces Model Prity K	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	PRITY K2	10	49x45x81	79
2	PRITY K2 CP	10	51x50x81	90
3	PRITY K2 CP W10	10+4=14	51x50x81	94
4	PRITY K2 CP W13	13+4=17	51x50x91	105
5	PRITY K22	10	49x45x81	80
6	PRITY K22 CP	10	51x50x81	91
7	PRITY K22 CP W10	10+4=14	51x50x81	95

Fireplace PRITY K22

Fireplace PRITY K2 CP W10

Fireplace PRITY K2 CP W13

Fireplace PRITY K22 CP

402

502

PRITY

Fireplace PRITY S1

No in turn	Fireplaces Model Prity S	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Fireplace PRITY S1	10	49x46x83	81
2	Fireplace PRITY S2	10	49x46x83	83
3	Fireplace PRITY SR	11	49x46x94	89
4	Fireplace PRITY SK	10	47x53x90	95
5	Fireplace PRITY SK W10	10+4=14	47x53x90	98
6	Fireplace PRITY SB	10	47x47x84	89
7	Fireplace PRITY SB W10	10+4=14	47x47x84	92

Fireplace PRITY S2

Fireplace PRITY SR

Fireplace PRITY AM

Fireplace PRITY SK

Fireplace PRITY SB

Fireplaces Prity – Standard™

Fireplace PRITY S1 W10

Fireplace PRITY S2 W13

No in turn	Fireplaces Model Prity S	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Fireplace PRITY S1 W10	10+4=14	49x46x83	85
2	Fireplace PRITY S2 W10	10+4=14	49x46x83	86
3	Fireplace PRITY S3 W13	13+4=17	49x46x93	93
4	Fireplace PRITY S3 W17	17+5=22	57x53x93	118
5	Fireplace PRITY S3 W21	21+5=26	57x53x93	134
6	Fireplace PRITY S3 W23 R	23+5=28	57x53x105	142
7	Fireplace PRITY S3 W26	26+6=32	57x53x115	165
8	Fireplace PRITY AM	12	72x55x82	93
9	Fireplace PRITY AM W12	12+6=18	72x55x82	113

Fireplace PRITY S3 W26

Fireplace PRITY S3 W21

Fireplace PRITY S3 W17

PRITY

Fireplace PRITY FM

No in turn	Fireplaces Model Prity with an oven	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Fireplace PRITY FM	12	49x46x93	97
2	Fireplace PRITY FG	14	57x53x93	120
3	Fireplace PRITY FGR	14	57x53x103	120
4	Fireplace PRITY FG W10	10+5=15	57x53x93	133
5	Fireplace PRITY FG W15	15+5=20	57x53x93	136
6	Fireplace PRITY FG W16	16+6=22	65x55x93	150
7	Fireplace PRITY FG W18 R	18+5=23	57x53x105	150
8	Fireplace PRITY FG W20	20+6=26	65x55x115	187

Fireplace PRITY FG

Fireplace PRITY FG W15

Fireplace PRITY FGR

Fireplace PRITY FG W18 R

Fireplace PRITY FG W20

Fireplaces Prity with an oven

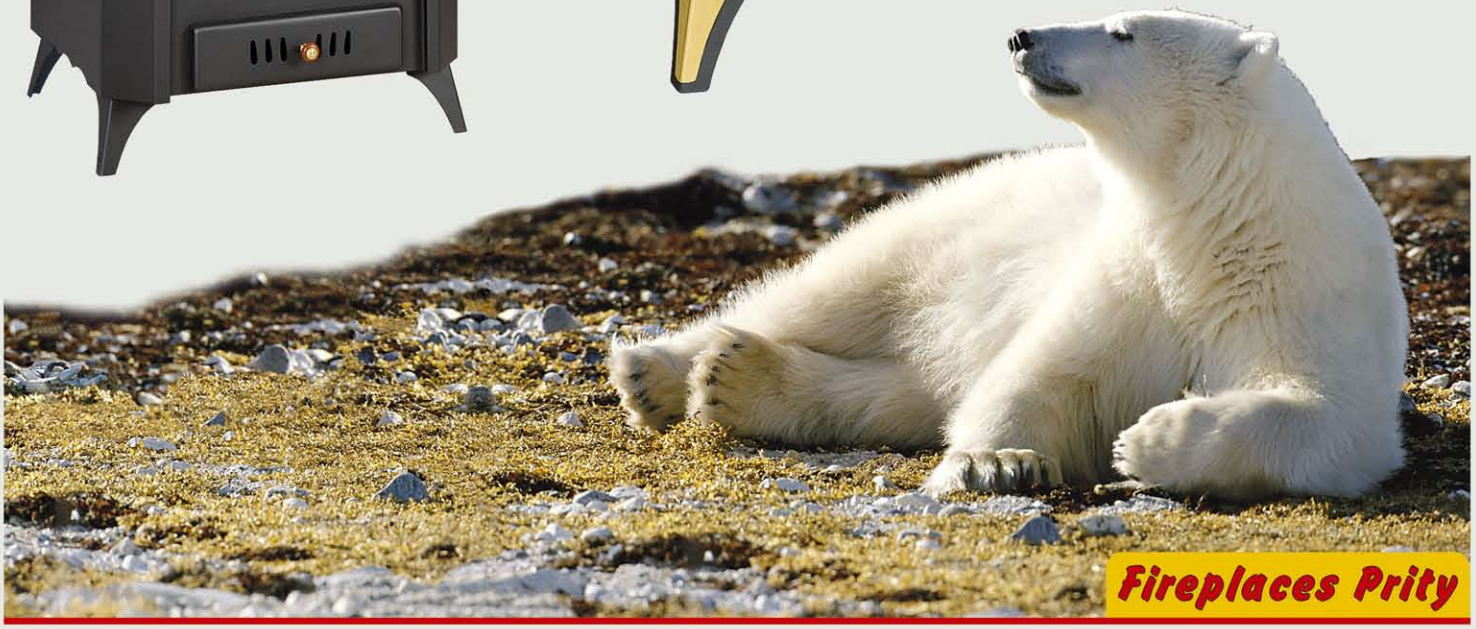
No in turn	Fireplaces Model Prity	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Fireplace PRITY	15	65x55x116	135
2	Fireplace PRITY W17	17+6=23	65x55x116	133
3	Fireplace PRITY WD	15	65x55x78	119
4	Fireplace PRITY WD W15	15+5=20	65x55x78	116
5	Fireplace PRITY WD R	15	65x55x78	115

Fireplace PRITY WD W15

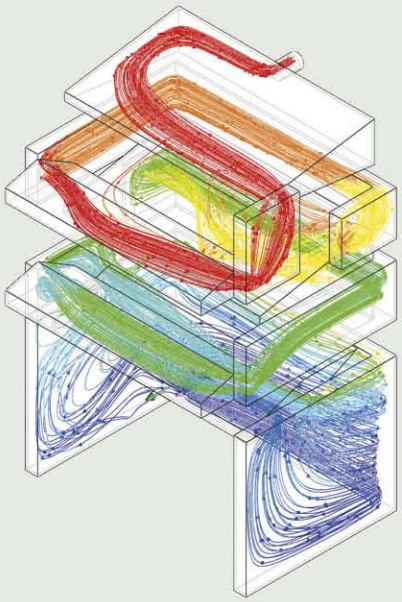
Fireplace PRITY

Fireplace PRITY W17

Fireplace PRITY WD R



Thermodynamics of the working fluid of fireplace PRITY WD W29



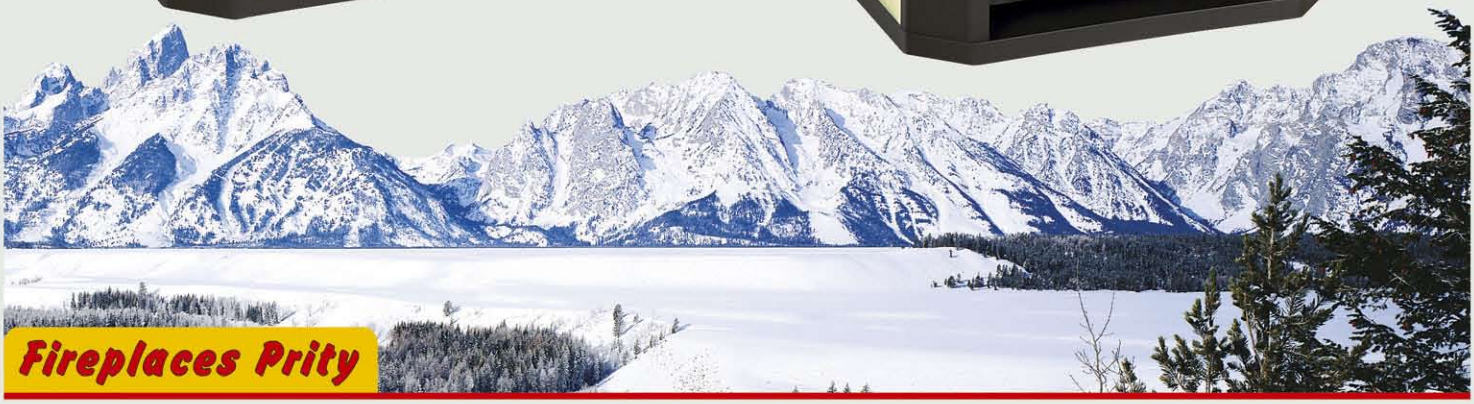
Useful heat power, kW per 1 kg wood with efficiency = 0,7

Humidity of the wood, %	Time for burning,			Theoretically necessary air, m^3/kg
	20 min	40 min	60 min	
20	8,1	4,0	2,7	3,7
40	5,7	2,8	1,9	2,7
60	3,3	1,6	1,1	1,8

No in turn	Fireplaces Model Prity	Heat power (kW) WS + radioation=total	Dimensions (cm) axbxh	Weight (kg)
1	Fireplace PRITY WD W20	20+5=25	65x55x93	146
2	Fireplace PRITY WD W24	23+6=29	65x55x93	153
3	Fireplace PRITY WD W29	29+8=37	65x55x115	183

Fireplace PRITY WD W20/W24

Fireplace PRITY WD W29



Cooking stove PRITY with two plates

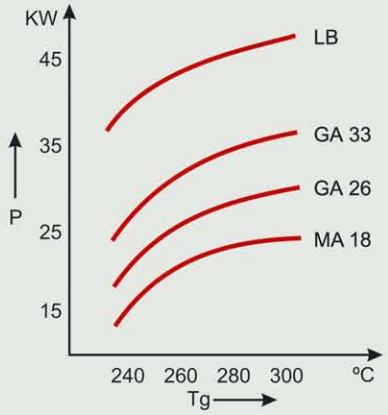
No in turn	Cooking stoves	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Cooking stove PRITY 2M	14	93x58x80	107
2	Cooking stove PRITY W10	10+4=14	93x58x80	110
3	Cooking stove PRITY W12	12+4=16	93x58x80	112
4	Cooking stove PRITY 3M	16	115x66x80	137
5	Cooking stove PRITY R	14	86x67x86	134

Cooking stove PRITY 3 M

Cooking stove PRITY with two plates and doors

Cooking stove PRITY R

Heat power of the Boilers PRITY depending on the temperature of the flue gases and the draught



No in turn	Boiler	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Boiler PRITY MA18	18+1=19	57x51x89	136
2	Boiler PRITY GA26	26+2=28	57x51x107	163
3	Boiler PRITY GA33	33+3=36	57x51x117	182
4	Boiler PRITY LB	40+4=44	57x107x115	291

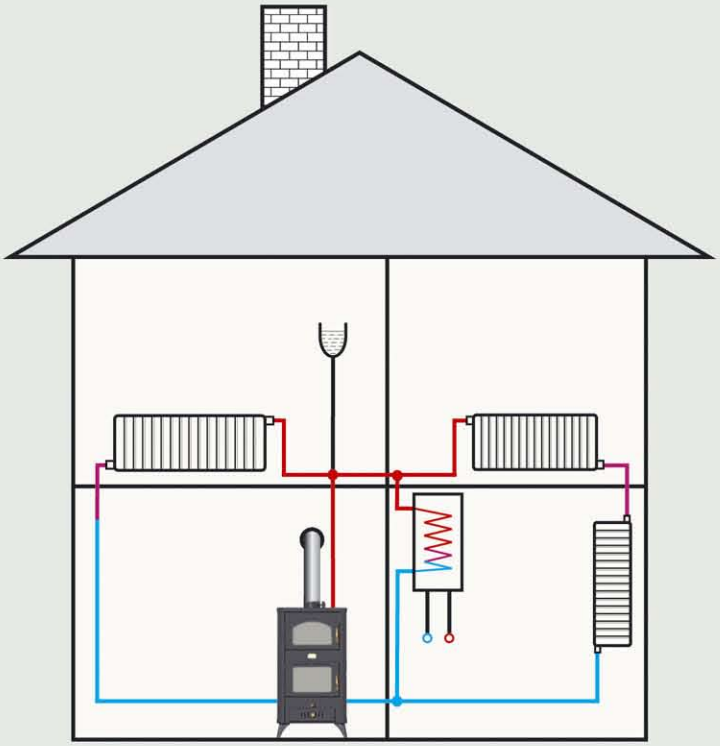
Boiler PRITY MA 18

Boiler PRITY GA 33

Boiler PRITY LB

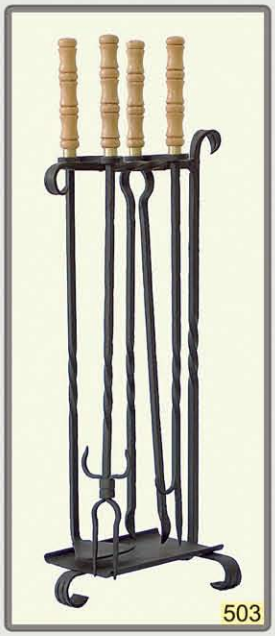
The boilers have been designed to be installed in ground premises with the possibility of storing coal.

The automatic control of the primary air regulates smoothly the temperature of the warm water from 50°C to 90°C, increasing the efficiency and the continuance of the burning process.



Recommendations with construction and operation of water installations to the fireplaces Prity, for flawless work and protection from corrosion

1. The installation must be connected to the atmosphere with an open expansion vessel, as the pressure in the lowest point of the system must not exceed 150 kPa (1,5 at).
2. De-aeration of each branch and element of the installation shall be ensured in each moment of its operation.
3. All of the elements of the installation must be ensured against freezing, especially if the expansion vessel or other parts of it are located in non-heated premises. If the use of non-freezing liquid to a serpentine of a boiler is necessary, a non-poisonous antifreeze – propylene glycol shall be used.
4. In the installations with forced circulation the pump must be provided with UPS and accumulator.
5. The first service cleaning of the pump filter shall be done immediately after testing the installation.
6. If an old installation is used, then it shall be repeatedly sluiced to the accumulated residue, which would precipitate on the surfaces of the water jacket.
7. Coal with increased sulphur content shall not be used. Do not use damp coal.
8. Fresh and wet wood or vegetation shall not be used. The wood shall be stored at least two years in a dry and airy place.
9. The circulating water shall not be drained out during the non-heating season.
10. Chemical treatment of the circulating water is not recommended.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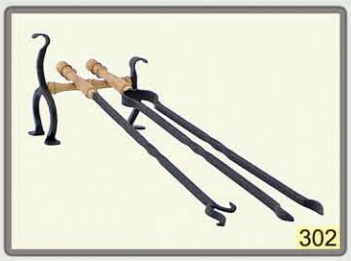
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K02


K05


K04

Hand-wrought tools for a hearth

No in turn	Fireboxes to build in	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Firebox PRITY A	14	65x65x73	116
2	Firebox PRITY AW16	16+5=21	69x69x73	125
3	Firebox PRITY VM	13	50x52x90	73
4	Firebox PRITY M	13	70x58x76	110
5	Firebox PRITY MW18	18+4=22	70x58x71	125
6	Firebox PRITY O	10	70x37x63	75

Firebox
PRITY VM

Firebox
PRITY M

Firebox
PRITY A

Firebox
PRITY O

Fireboxes to build in with a steel door

Firebox PRITY CW28

No in turn	Fireboxes to build in	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Firebox PRITY C	15	66x57x72	114
2	Firebox PRITY CW18	18+4=22	66x57x72	144
3	Firebox PRITY CW28	28+4=32	66x57x88	161
4	Firebox PRITY AC	14	66x55x79	92
5	Firebox PRITY ACW20	20+4=24	66x63x88	133
6	Firebox PRITY 2C	16	66x70x69	130
7	Firebox PRITY 3C	16	80x73x72	165
8	Firebox PRITY 2CW28	28+5=33	66x70x84	185
9	Firebox PRITY 3CW28	28+6=34	80x73x92	220

Firebox PRITY C

Firebox PRITY AC

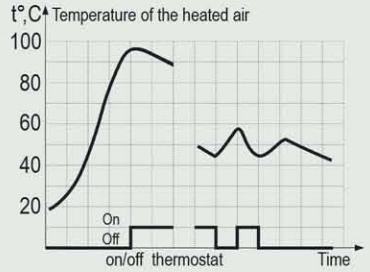
Firebox PRITY 3C / 3C W28

Firebox PRITY ACW20

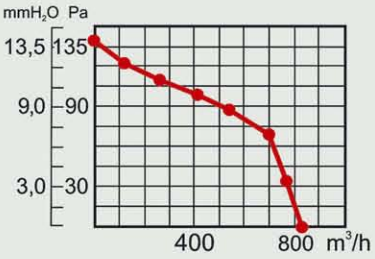
Fireboxes to build in with a cast-iron door

Firebox PRITY CF

Characteristic of the thermostat

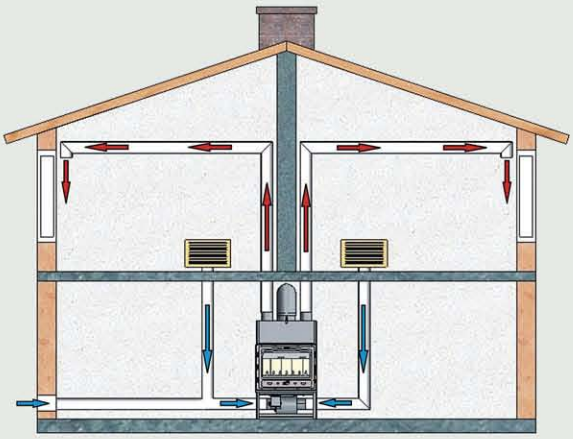


Characteristics of the fan



Firebox PRITY TCF

No in turn	Fireboxes to build in	Heat power (kW) Air pipe + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Firebox PRITY CF	10+8=18	66x61x116	150
2	Firebox PRITY TCF	10+8=18	108x60x106	185



Fireboxes to build in with a fan

Firebox PRITY ATC

No in turn	Firebox to build in with cast-iron doors and windows	Heat power (kW) WS + radiation=total	Dimensions (cm) axbxh	Weight (kg)
1	Firebox PRITY ATC	14	108x70x68	141
2	Firebox PRITY ATC W20	20+5=25	108x75x81	194
3	Firebox PRITY TC	16	108x59x67	156
4	Firebox PRITY TC W28	28+5=33	108x59x83	214

Firebox PRITY ATC W20

Firebox PRITY TC

Firebox PRITY TC W28

Fireboxes to build in with a cast-iron door and windows