

# PRITY



**PRITY PMV3**



*Fireplaces and Stoves*

**2012**

**Fireplace  
PRITY Mini**



**Fireplace  
PRITY K1 optima**



**Fireplace  
PRITY K1**



No in turn	Fireplaces Model Prity K	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	PRITY K1 optima	8	130	39x39x76	60
2	PRITY Mini	5	130	39x47x62	48
3	PRITY K1	9	130	45x38x76	64
4	PRITY K1 K	9	130	45x38x95	67
5	PRITY K1 R	9	130	45x38x75	66

**Fireplace  
PRITY K1 R**



**Fireplaces Prity K1**

Fireplace  
PRITY K1 K



No in turn	Fireplaces Model Prity K	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	PRITY K12	10	130	49x44x76	74
2	PRITY K13	12	130	59x44x81	85
3	PRITY K1 W8	8+4=12	130	45x40x76	67
4	PRITY K1 CP	9	130	46x44x76	74
5	PRITY K1 CP W8	8+4=12	130	46x44x76	74

Fireplace  
PRITY K12



Fireplace  
PRITY K1 CP



Fireplace  
PRITY K13



**Fireplaces Prity K1**

**Fireplace  
PRITY K2**



**Fireplace  
PRITY K22**



No in turn	Fireplaces Model Prity K	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	PRITY K2	10	130	49x46x81	79
2	PRITY K2 with niche	10	130	49x46x90	90
3	PRITY K2 CP	10	130	51x50x81	90
4	PRITY K2 CP W10	10+4=14	130	51x50x81	94
5	PRITY K2 CP W13	13+4=17	130	51x50x91	105
6	PRITY K22	10	130	49x46x81	80
7	PRITY K22 CP	10	130	51x50x81	91
8	PRITY K22 CP W10	10+4=14	130	51x50x81	95

**Fireplace  
PRITY K2 CP W10**



**Fireplace  
PRITY K22 CP**



**Fireplace  
PRITY K2 CP W13**



**Fireplace  
PRITY K2 with niche**



# PRITY

No in turn	Fireplaces Model Prity S	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	PRITY S1	10	130	49x46x83	81
2	PRITY S2	10	130	49x46x83	83
3	PRITY S1 W10	10+4=14	130	49x46x83	85
4	PRITY S2 W10	10+4=14	130	49x46x83	86
5	PRITY S3 W13	13+4=17	130	49x46x93	93
6	PRITY S3 W17	17+5=22	130	57x53x93	118
7	PRITY S3 W21	21+5=26	130	57x53x93	134

Fireplace  
PRITY S1



Fireplace  
PRITY S1 W10



Fireplace  
PRITY S2



Fireplace  
PRITY S3 W13



Fireplace  
PRITY S3 W17



Fireplace  
PRITY S3 W21



**Fireplaces Prity – Standard™**

Fireplace PRITY SRB



Fireplace PRITY SR



No in turn	Fireplaces Model Prity S	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	PRITY SR	11	150	49x46x94	77
2	PRITY SRB	11	150	49x46x84	77
3	PRITY SK	10	130	47x53x90	93
4	PRITY SB	10	130	47x47x84	89
5	PRITY SK W10	10+4=14	130	47x53x90	98
6	PRITY SB W10	10+4=14	130	47x47x84	92

Fireplace PRITY SB



Fireplace PRITY SK





Fireplace AMB

Fireplace  
PRITY AM



No in turn	Fireplaces Model Prity AM & CMR	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	PRITY AM	12	150	72x55x82	93
2	PRITY AMB	12	150	72x55x72	89
3	PRITY AM W12	12+6=18	150	72x55x82	113
4	PRITY CMR	15	150	66x55x90	138

Fireplace  
PRITY CMR



**Fireplaces Prity AM & CMR**

Fireplace  
PRITY FM



No in turn	Fireplaces Model Prity with an oven	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	PRITY FM	12	130	49x46x93	97
2	PRITY FG	14	130	57x53x93	120
3	PRITY FG R	14	130	57x53x103	120
4	PRITY FG W15	15+5=20	130	57x53x93	136
5	PRITY FG W18 R	18+5=23	130	57x53x105	150
6	PRITY FG W20	20+6=26	130	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**



Fireplace  
PRITY WD



No in turn	Fireplaces Model Prity	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	PRITY	15	130	65x55x116	135
2	PRITY WD R	15	130	65x55x78	115
3	PRITY WD	15	130	65x55x78	119
4	PRITY W17	17+6=23	130	65x55x116	130
5	PRITY WD W15	15+5=20	130	65x55x78	115

Fireplace  
PRITY



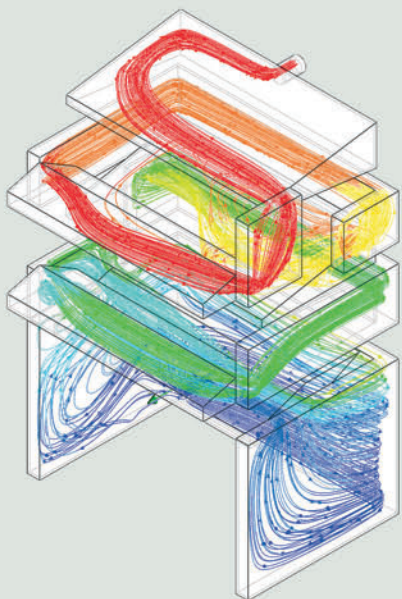
Fireplace  
PRITY W17



Fireplace  
PRITY WD W15



## Thermodynamics of the working fluid of fireplace PRITY WD W29



Fireplace  
PRITY WD W24



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

Humidity of the wood, %	Time for burning,			Theoretically necessary air, m <sup>3</sup> /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) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	Prity WD W24	23+6=29	130	65x55x93	152
2	Prity WD W29	29+8=37	130	65x55x115	183

Fireplace  
PRITY WD W29



Fireplace  
**PRITY S1 W10**  
/with granite/



Fireplace  
**PRITY S2 W10**  
/with granite/



Fireplace  
**PRITY S3 W17**  
/with granite/



Fireplace  
**PRITY FG W20**  
/with granite/



Fireplace  
**PRITY W17**  
/with granite/



**Fireplaces with granite**

## Cooking stove

### PRITY with two plates



No in turn	Cooking stoves	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxd	Weight (kg)
1	PRITY 2M	14	130	93/58/80	107
2	PRITY 3M	16	130	115/66/80	137
3	PRITY R	14	130	86/67/86	136
4	PRITY W12	12+4=14	130	93/58/80	112

### Cooking stove PRITY 3M



### Cooking stove PRITY with two plates and doors



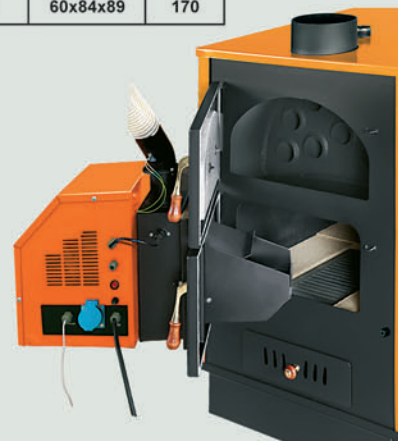
### Cooking stove PRITY R



**Boiler  
PRITY SLB**



No in turn	Boilers	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	PRITY MA18	18+1=19	130	57x51x89	138
2	PRITY GA26	26+2=28	130	57x51x107	157
3	PRITY GA33	33+3=36	150	57x51x117	175
4	PRITY LB	40+4=44	150	57x107x115	276
5	PRITY SLB	33+2=35	150	60x84x89	170



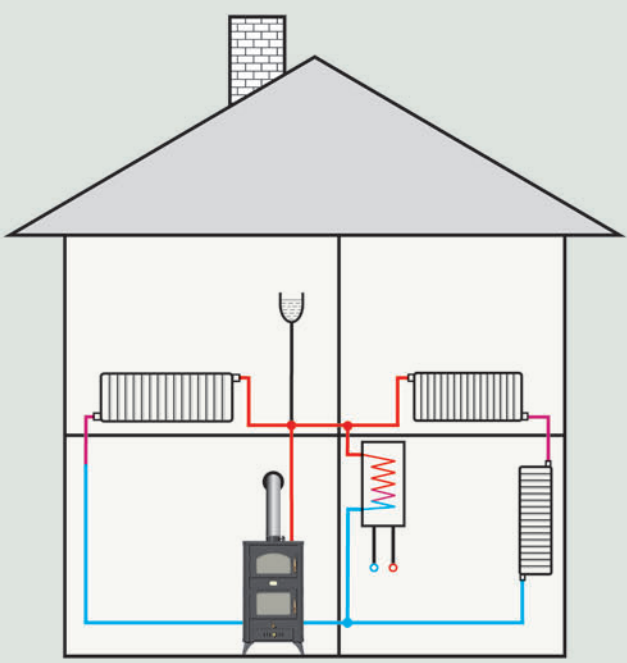
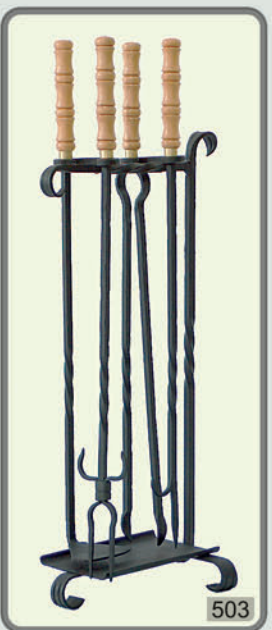
**Boiler  
PRITY GA33**

**Boiler  
PRITY LB**

**Boiler  
PRITY MA18**



# PRITY



**Hand-wrought tools for a hearth**

## Firebox PRITY M



Firebox PRITY MB

No in turn	Fireboxes to build in	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxh	Weight (kg)
1	PRITY M	13	200	70x58x76	110
2	PRITY MB	13	150	66x59x75	113
3	PRITY M W18	18+5=23	200	70x59x71	125
4	PRITY M W22	22+5=27	200	70x52x85	146
5	PRITY VM	13	150	50x52x90	73
6	PRITY VM W15	15+5=20	200	50x52x90	104



## Firebox PRITY VM



**Fireboxes to build in with a steel door**

**Firebox  
PRITY A**



**Firebox  
PRITY G**



No in turn	Fireboxes to build in	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	Prity A	14	200	65x65x73	116
2	Prity A W16	16+5=21	200	69x69x73	125
3	Prity A W20	20+5=25	200	101x70x79	172
4	Prity G	16	200	75x58x78	119
5	Prity G W18	18+5=23	200	75x58x76	129
6	Prity G W28	28+5=33	200	75x58x87	152
7	Prity O	10	200	70x40x63	75

**Firebox  
PRITY O**



**Fireboxes to build in with a steel door**



**Firebox  
PRITY C W28**



**Firebox  
PRITY C**



**Firebox  
PRITY AC**



**Firebox  
PRITY AC W20**



**Firebox  
PRITY 3C / 3C W28**



No in turn	Fireboxes to build in	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	Prity AC	14	200	66x55x79	92
2	Prity AC W20	20+5=25	200	66x63x88	133
3	Prity C	15	200	66x57x72	114
4	Prity 2C	16	200	66x70x69	133
5	Prity 3C	16	200	77x59x72	133
6	Prity C W18	18+5=23	200	66x57x72	144
7	Prity C W28	28+5=33	200	66x57x88	161
8	Prity C W35	35+5=40	200	66x57x115	198
9	Prity 2C W28	28+5=33	200	66x70x84	185
10	Prity 3C W28	28+5=33	200	77x59x102	196
11	Prity 3C W35	35+5=40	200	80x73x114	251



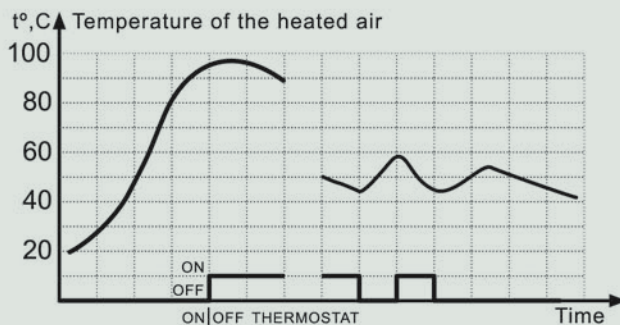
**Fireboxes to build in with a cast-iron door**

## Firebox PRITY CF

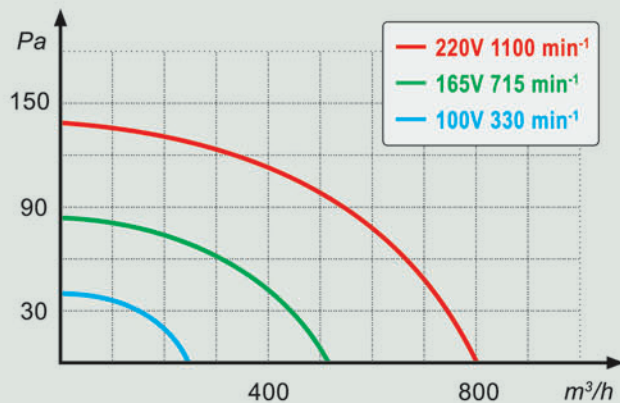


No in turn	Fireboxes to build in	Heat power (kW) max AH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	PRITY CF	10+8=18	200	66x61x117	150
2	PRITY 2CF	10+8=18	200	73x73x113	188
3	PRITY TCF	10+8=18	200	108x60x114	190
4	PRITY TC2F	12+8=20	200	108x60x131	215

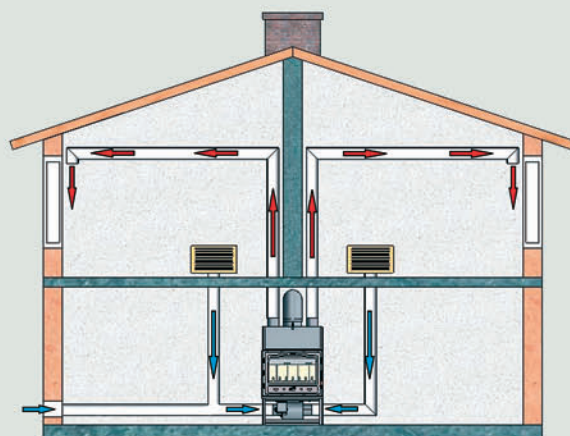
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## Firebox PRITY TCF



**Fireboxes to build in with a fan**

**Firebox  
PRITY ATC**



No in turn	Fireboxes to build in	Heat power (kW) max WH+radiation=total	Chimney diameter (mm)	Dimensions (cm) axbxc	Weight (kg)
1	Prity ATC	14	200	108x70x68	141
2	Prity ATC W20	20+5=25	200	108x75x81	194
3	Prity TC	16	200	108x59x67	156
4	Prity TC W28	28+5=33	200	108x59x83	214
5	Prity TC W35	35+5=40	200	108x59x99	236

**Firebox  
PRITY ATC W20**



**Firebox  
PRITY TC**



**Firebox  
PRITY TC W28**



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

# PRITY



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