

PRODUCT FICHE

SKLADOVA TEHNIKA Jsc.

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Supplier's model identifier Fireplace/Insert Solid fuel heater	Energy efficiency class	Direct heat output (kW)		Indirect heat output (kW)		Energy efficiency index	Useful heat output КПД (%)	
		wood	coal	wood	coal		wood	coal
Mini Lux Diplomat	A	9	9			87	65,82	66,94
Lux/ Lux 2	A	7				100	75,64	
Lux 2B	A	3,5	3,5	6,5	6,5	90	69,36	68,94
Capri	A	9				100	75,81	
Toledo	A	9				100	75,81	
Modena	A	13	13			97	73,60	70,13
Modena Lux enamel/ color	A	13	13			97	73,60	70,13
Modena B	A	5		7,5		92	70,35	
Modena Lux B enamel/ color	A	5		7,5		92	70,35	
Amore A	A	9				100	75,81	
Stilo	A	9				100	75,81	
Stilo Max	A	10				100	75,81	
Stilo Max B	A	3,5	3,5	6,5	6,5	90	69,36	68,94
Taifin	A	16	16			90	68,95	70,04
Taifin (enamel)	A	16	16			90	68,95	70,04
Norma	A	10	10			99	73,11	74,64
Norma B	A	3,5	3,5	6,5	6,5	90	69,36	68,94
Norma FT	A	10	10			99	73,11	74,64
Norma FTB	A	4	4	6	6	97	74,13	74,62
Lotos	A	10	10			99	73,11	74,64
Lotos B	A	3,5	3,5	6,5	6,5	90	69,36	68,94
Lotos Max	A	14	14			91	69,80	68,13
Lotos Max B	A	7		7		92	70,35	
Lotos Max B 25	A	4		19		102	77,48	
Lotos Max FT	A	14	14			91	69,80	68,13
Lotos Max FTB 18	A	5		14		102	77,48	
Elegant	A	10	10			99	73,11	74,64
Elegant B	A	3,5	3,5	6,5	6,5	90	69,36	68,94
Odin	A	6				110	82,74	
Galant/ Aramis/ Aramis Eko	A	9				100	75,81	
Atos	A	9				100	75,81	
Cube	A	5				103	77,74	
Premier	A	6				103	77,74	
Talon	A	7				103	77,74	
Tulin / Vision/ Vision S	A	7,6				99	75,40	
Livorno S	A	9,5				100	75,9	
Prestige	A	9	9			99	73,11	74,64
Panorama A	A	9	9			88	68,90	65,86
Panorama 2	A	9	9			88	68,90	65,86
Panorama 2A	A	9	9			88	68,90	65,86
Panorama 2B	A	4	5			98	74,85	
Panorama 2AB	A	4	5			98	74,85	
Komfort 11KXL	A	7				103	77,74	
Komfort 11KLD	A	7				103	77,74	
Komfort 21KXL	A	10				103	77,74	
Komfort 21KXLB	A+	4		6		107	80,96	
Komfort 21KXLBO	A+	4		6		107	80,96	
Komfort 21AKXL	A	10				103	77,74	
Komfort 21AKXLB	A+	4		6		107	80,96	
Komfort 21KFT/ FT	A	10				103	77,74	
Galant 11K	A	9				100	75,81	
Neo/ Leo	A	5				110	82,74	

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		wood	coal	wood	coal		wood	coal
Verso	A	9				100	75,81	
Classic	A	11	11			96	73,11	74,64
Classic B11	A	4	4	7	7	90	69,36	68,94
Classic FT	A	12	12			99	73,11	74,64
Classic FB10	A	5	5	7	7	97	74,13	74,62
Classic B14	A	4		7,5		92	70,35	
Classic B18	A	5		7,5		102	77,48	
Cessina	A	9,5				102	77,2	
Vita	A	9				103	77,74	
Tangra/ Perun	A	10				102	77,2	
Conkord KX	A	14	14			91	69,80	68,13
Conkord KXB	A+	7		7		107	79,63	
Favorit KX	A	10				102	77,2	
Favorit 2KX	A	10				102	77,2	
Favorit 2KXB	A	4		6		98	74,85	
Favorit 2KXBO	A	4		6		98	74,85	
Prisma / Prisma S	A	7				102	77,2	
Venera	A+	7				107	80,32	
Mars	A	7				103	77,74	
Mars BO	A+	3		5,5		107	80,96	
Jupiter/ Jupiter M	A	7				102	77,2	
Orion Lux inox	A	14	14			91	69,80	68,13
Orion Lux B inox	A+	7		7		107	79,63	
Diplomat 11 inox	A	14	14			91	69,80	68,13
Diplomat 11B inox /BO inox	A+	7		7		107	79,63	
Diplomat 21	A	18	18			97	73,60	70,13
Diplomat 21B	A+	8		10		107	79,63	
Diplomat 21BO	A+	8		10		107	79,63	
Fuoko	A	12	12			91	69,80	68,13
Bordeaux/ Bordeaux K	A+	8				107	80,32	
Biser/ Biser M/ Biser (enamel)	A	8	8			87	65,82	66,94
Biser B (enamel)	A	4	4	4	4	90	69,36	68,94
Nemo	A	6				106	79,69	
Magna/ Etna	A+	7				110	84,49	
Lava	A	9,5				106	80,11	
firebox Sahara	A	10	10			88	67,40	65,20
firebox Sahara B	A	3,5	3,5	6,5	6,5	90	69,20	67,15
firebox Orion	A	14	14			88	67,00	68,90
firebox Orion B	A	6,5	6,5	7,5	7,5	96	73,60	71,50
firebox Diplomat 21	A	18	18			92	67,34	70,05
firebox Diplomat 21 B	A	8		10		99	75,27	
firebox Diplomat 21 BO	A	8		10		99	75,27	
firebox Diplomat 22	A	18	18			92	67,34	70,05
firebox Diplomat 22 B	A	8		10		99	75,27	
firebox Diplomat 22 BO	A	8		10		99	75,27	
firebox Senator	A	14	14			88	67,00	68,90
firebox Senator B	A	6,5	6,5	7,5	7,5	96	73,60	71,50

Specific precautions that have to be considered when mounting and maintaining the appliance

In accordance with: Instruction manual for assembling and operation of room heaters and inset appliances fired by solid fuel.

The fireplaces are designed and tested in conformity with the requirements of standard BDS EN 13240:2006, and the inserts according to standard EN 13229:2006, and correspond to the approved technical documentation. They are designed for intermittent burning and operate with fire doors closed.

All local regulations, including those related with national or European standards should be observed when mounting the appliance.

It is necessary the following conditions to be kept in order to ensure safe and correct work of the appliance:

- The fireplace should be installed in rooms with sufficient air flow which is required for combustion. Not every fireplace could be connected to each chimney. Before assembling the fireplace check if the static pressure and the chimney dimensions conform to the required parameters for the fireplace. If the fireplace does not conform to the chimney, it will lead to lower burning rate and polluting the glass with soot.
- The chimney should be high enough (not less than 5 meters). Only one more appliance is allowed to be connected to the same chimney. The flue draught should be higher than 10 Pa, and for fireplaces with a boiler higher than 15 Pa. If the chimney is too high (the draught exceeding 35 Pa) then it is necessary to mount a supplementary valve to diminish the draught.
- The fireplace should not be connected to a chimney when there is another boiler connected to it.
- The floor where the fireplace is placed should be flat and horizontal, made of non-combustible materials (mosaic, marble, terracotta, etc.). If the floor is not heat resistant (carpets, linoleums or others of the same kind) a stable, non-combustible plate should be used, made of steel, glass or stone plates. If a heat resistant plate is used, it should come out: 50 cm in front and 30 cm from both sides, measured from the fire door of the fireplace.
- If there are any combustible materials or constructions, the fireplace should be away from them at 80 cm, or an additional incombustible screen should be placed. The distances to which a fireplace should be installed, in order to escape fire hazards, are given in Appendix 1 from: Instruction manual for assembling and operation of room heaters and inset appliances fired by solid fuel, and on the technical plate at the back of the appliance.
- After placing the fireplace it is connected to the chimney by chimney pipes. The joints between the chimney pipes and the socket should be tight. The chimney pipe should not enter into the chimney.
- It is recommended the mounting of the inserts to be done by special organizations.
- When mounting the insert, connecting it to the chimney and building the surrounding, only heat resistant and **inflammable** materials should be used.
- **For appliances with water boiler, the design and connection of the heating installation should be obligatory performed by an authorized organization. The installation should conform to all standard documents in force /related to operation and safety/.**

When connecting the heating system the following rules and recommendations should be observed:

- Before connecting the installation, it is advisable to calculate the heat loss in particular case. **If connecting consumers with greater heat output, than the declared one, in the referent appendix, output of the water boiler, a cooling down of the heating surfaces of the integral boiler occurs, which lead to condensation and pitching.**
- At open system type B, the installation should be connected to the atmosphere with an opened expansion container. Do not connect any blocking components between the appliance and the expansion container. This system works under pressure of 1 bar.
- At closed system type BO, safe protecting components should be integrated in the installation, which do not allow exceeding of the working pressure in the appliance over 2 bar.
- Deaeration in each branch and component of the installation should be ensured, in each moment of its operation, and the appliance as well.
- In the installation, next to the integral boiler, in the lowest point, drain tap not less than 1/2" should be mounted.
- All components of the installation should be ensured against freezing, especially if the expansion container or other parts of it are situated in non heated rooms
- At installations with forced circulation, the pump should be ensured with long term power supply device –automatic mode /UPS/. We recommend the circulation pump to be switched on and switched off by means of thermostat, doubled with manual electric switch.
- When an old installation is used, then it should be repeatedly washed from the accumulated filths, which could be precipitated on the walls of the integral boiler.
- The circulation water should not be drowned off the installation during the non-heating season.

For appliances with integral boiler it is better to clean the surfaces of the boiler from soot and resinous matters at least once a month.

Important directions for fire-precaution and safety regulations.

- The appliance is not designed to be used by children and persons with limited physical, sensuous and mental abilities, or by people with not enough experience and knowledge, except in cases when they are watched and instructed how to work with such type of heater, by someone who is responsible for their own safety.
- Niches are decorative and keeping easily inflammable and combustible materials is not allowed.
- The door of the firebox should always be firmly closed even if the appliance is not working.
- The appliance should be installed only on a non-combustible floor.
- The appliance and the flue draught pipes should be at least 80cm away from combustible objects or constructions.
- Installation, repairs and adjustment of the water heating system should be performed only by authorized organizations

- Using easily inflammable liquids are not allowed at ignition.
- Vertical connection of flue draught pipes with the chimney through floor structures is not allowed.
- The presence of easily inflammable and explosive substances in the heated room is not allowed.
- The ash disposal and cleaning of the appliance should be done only at safe places and when the appliance has cooled down.
- The heater is designed for local heating with normal fire risk.
- It is prohibited to put combustible materials and objects on the appliance or in immediate proximity of it.
- Please pay attention during the operation of the appliance children to be kept away from it, because its surface is too hot.

Incineration danger!