



LINE STOVES LTD.
Bld. Kuklensko shose №12
RT Business center, Office 6
Plovdiv 4004, Republic of Bulgaria

Email: info@linestoves.com
Tel: +359 32 570 041

Supplier's model Identifier fireplace stove	Energy Efficiency Class	Direct Heat Output (kW)	Indirect Heat Output (kW)	Energy Efficiency index	Efficiency (%)
		Wood	Wood	EEI	Wood
FP400 L/R/LR	A	10,7		101	76,8
FP420 B	A	5,1	7,6	106	79,9

Specific precautions during assembling, installing or maintaining:

- The installation of the fireplace should be performed by specialized organizations.
- The appliance should be installed in rooms with sufficient airflow, which is required for the combustion.
- Not every appliance could be connected to any chimney. Before assembling of the appliance, check if the static pressure and the chimney dimensions conforms to the needed parameters for the appliance. If the appliance does not conform to the chimney, it will lead to a lower burning rate and polluting the glass with soot.
- The chimney should be high enough (at least five meters). Only one more appliance can be connected to the same chimney. The flue draught should be 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 reduce the draught.
- The chimney should be very well insulated, with inside diameter at least \varnothing 150 mm or with a section area at least 200 cm².
- The appliance should not be connected to a chimney when there is a solid fuel boiler connected to it.
- During installation of the appliance, the connection with the chimney and assembly of the surrounding only heat resistant non-combustible materials should be used.
- The floor, where the appliance is placed, should be with enough load capacity flat and horizontal, made of **noncombustible materials**.
- The appliance must be installed in a special niche with insulated lining, consisting of a ceiling and walls. The floor where the appliance is installed should be flat, even, horizontal made by non-combustible materials and have the necessary load capacity. Otherwise the necessary measures have to be taken to build concrete support plate and reinforced lining. The appliance have to be mounted very stable to the foundation.
- It is necessary to ensure a sufficient distance between the appliance and the niche in order to enable natural air circulation. The distances to adjacent combustible materials are shown on the rating label.
- Insulation is applied to the inside of the niche, which prevents it from overheating and loss of heat to the wall. Insulation should be designed for fireplaces or similar appliances, to be folded and with a heat resistance of 700°C to 1200°C and foiled. This will act like deflector for radiant heat and will lower the heat loss.
- It's obligated to ensure by means of decorative ventilation grates the supply of cold air at the base of the appliance and transfer out the hot air at the top part of the decorative surrounding. For better work of the heat transfer and increase the efficiency of the heating it's possible to install appropriate electric blower.
- If the appliance has integral water boiler, all the additional elements (pumps, vents) have to be installed in easy to reach visible place. The necessary service openings for maintenance of the internal parts and connections have to be made.
- If there are any combustible materials or constructions, the appliance should be away from them at specified distances on the rating label or there must be put an additional incombustible screen.
- After the installation of the appliance, it has to be attached to the chimney through flue pipes. The connections between the flue pipes and the socket should be tight. The flue pipe should not enter into the chimney.
- Vertical connection of flue 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 the cleaning of the appliance should be done only at safe places and when the appliance has cooled down.
- It is prohibited to put combustible materials and objects on the appliance or in immediate proximity of it.
- The appliance is intended to local heating of chambers with normal fire hazard.



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- **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 this type of heater, by someone who is responsible for their own safety.**
- The door of the firebox should always be firmly closed even when the appliance is not working.
- Using easily inflammable liquids is not allowed at ignition.
- The assembly, connection and servicing of the heating installation should be obligatory made by an authorized organization.
- The flue pipes and the interior of the appliance should be cleaned at least once per year.
- The painted surfaces should be cleaned with a dry and soft brush, or with dry and soft towel.
- The glass should be cleaned after cooling down by washing with a soap solution and should be dried afterwards.
- The correct maintenance and cleaning of the appliance guarantee its reliable work and keeping its good appearance.
- The rating label is put on the back bottom side of the appliance.
- Keep the instruction manual, warranty card and original invoice in good order, as you will need in case of any inquiries.