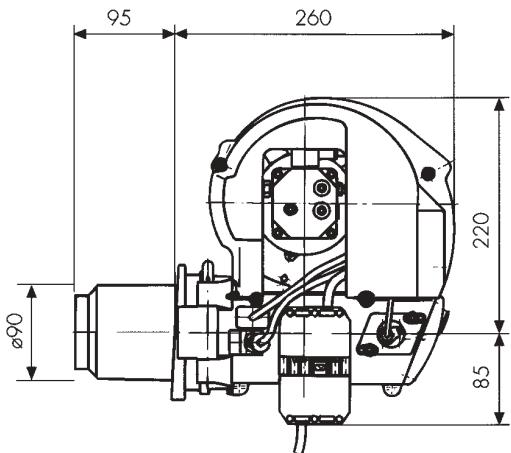


Technical specifications



Junior Pro – light oil burners

Burner Capacity range

	kg/h	kW
LJ10	1.4 - 2.3	17 - 27
LJ18	1.7 - 2.8	20 - 33
LJ20	2.3 - 4.1	27 - 48
LJ45	3.0 - 4.8	36 - 57
LJ50	2.3 - 6.5	27 - 77

Measured according to standard EN 267.
The burners listed are equipped with oil preheaters.
The burners without preheaters are the same as the burners listed, but do not have "L" in the model number.

- Plug connector to the mains
- In L-version burners: oil preheating to +70 °C
- Oil viscosity: 4 to 6 cSt, +20 °C
- Oil pump pressure: 8 to 14 bar, factory adjustment about 10 bar
- Burner can be turned in both directions
- Self-closing air flap
- Main dimensions: 355 x 300 x 305 mm
- Weight about 10 kg



OILON OY
Metsä-Pietiläkatu 1
P.O. Box 5
FI-15801 Lahti, Finland
Tel. +358 3 85 761
Fax +358 3 857 6239
E-mail: info@oilon.com



Junior
PRO

**Oil Burner – bringing warmth
into your home**



Many good reasons for heating with oil



As a system of heating, circulation of oil-heated water creates the most comfortable living atmosphere and is economically advantageous. The system is reliable, secure and easy to operate. The oil-heated water circulation heating system is a healthy heating method.

Oil heating can be adapted especially well for floor heating systems. The distribution of heat in rooms will be even and pleasant and the circulation of dust will be minimized. There will always be enough hot water available. Oil heating is also an environmentally-friendly method of heating. The operating efficiency of modern oil heating is good; its preheating technology saves oil and the emissions produced per kilowatt-hour are just a fraction of the emissions from the coal and peat power stations used to produce electricity.

Oil heating increasing in popularity

More and more frequently, the chosen method of heating for new one-family houses is the oil-heated water circulation heating system, and no wonder; light fuel oil is an advantageous source of energy. The advantages of oil as heating energy are even more obvious in larger living spaces. Oil-heated water circulation heating also creates an excellent foundation for use of other energy alternatives, such as wood, gas, bio-oils and solar energy. The latter is increasingly being used as a supplemental source of energy in houses.

Oilon Junior Pro burner is developed for economical and reliable home-heating

Oilon Junior Pro is an efficient and reliable light oil burner designed for the heating of one-family and detached houses.

Economical

Precision combustion heads and exact air regulation enable high efficiency and excellent burning values. The self-closing air flap on the Oilon Junior Pro burner closes during periods of inactivity, stopping air flow and allowing the boiler to maintain its high temperature for a long time.

Reliable operation

The Oilon Junior Pro burner is manufactured in Finland, and only well-known high quality components have been used in its production. The burner has been designed, manufactured and tested to meet the demanding conditions of the Finnish climate. Every single burner is factory tested before delivery to guarantee its quality.

Clean combustion

The oil is first preheated to +70 °C so that it will burn as thoroughly as possible. The high blower pressure ensures gentle and reliable ignition in all conditions.

Modern design

Together with the boiler, the Oilon Junior Pro burner forms a combination with style. With its protective covers, it is also easy to keep clean.

User-friendly technology

- Because the frame opens on its hinges, cleaning the nozzle and the burner head is quick and easy.
- Normal annual maintenance can be carried out without opening the protective covers.
- Electrical components with plug and socket connectors.
- Precise and easy air regulation.



Junior Pro and Oilon Plus – the reliable duo in your heating system



As a part of a new and modern oil heating system, the Oilon Plus de-aerator unit reduces deficiencies in the burner caused by air bubbles and dirt particles from the oil, tank or pipeline. The Oilon Plus de-aerator makes it possible to use environmentally safe one-pipe systems between the oil tank and the burner. Oil flow in a one-pipe system is nice and steady, because only the amount of oil needed for burning is taken from the tank and consequently filtered. The Oilon Plus de-aerator is easy to install in both new and old oil heating systems.



- cleaner combustion
- better efficiency
- lower oil consumption
- reduces burner deficiencies which are caused by oil impurities