

Serie FIL-B

Power range 31,5 – 200 kW

FIL-B models are used for primary heating as well as domestic hot water through an efficient and powerful finned copper coil.

Jäspi FIL-LP electric boilers feature advanced, commercially rated, acid-resistant flange electric heaters (specific surface rating < 7.5 W/cm²).

These models offer a convenient user-friendly automatic control system which allows various remote control methods and is power network friendly, due to automated soft start function.

The boiler heat control automatically adjusts for a correct temperature by intelligently regulating the lowest required power in the boiler.

The control units are delivered with 7 or 15 power stages so as to keep the number of power steps and contactor activations minimal.

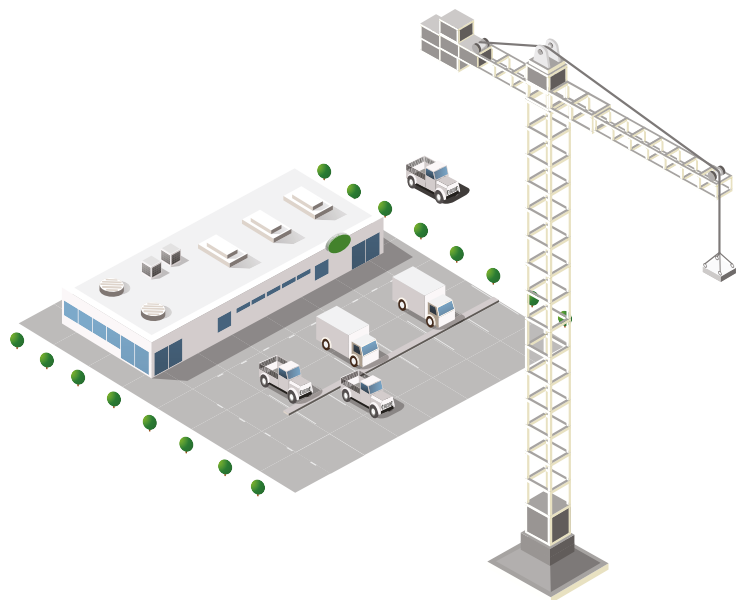
These boilers can also be used for partial heating backup.

Jaspi FIL-B boilers are delivered with current transformers to ensure efficient use of the available power while it takes into account the other electrical load in the house.

The 31,5 - 42 kW boilers have an internal water volume of 240 l.

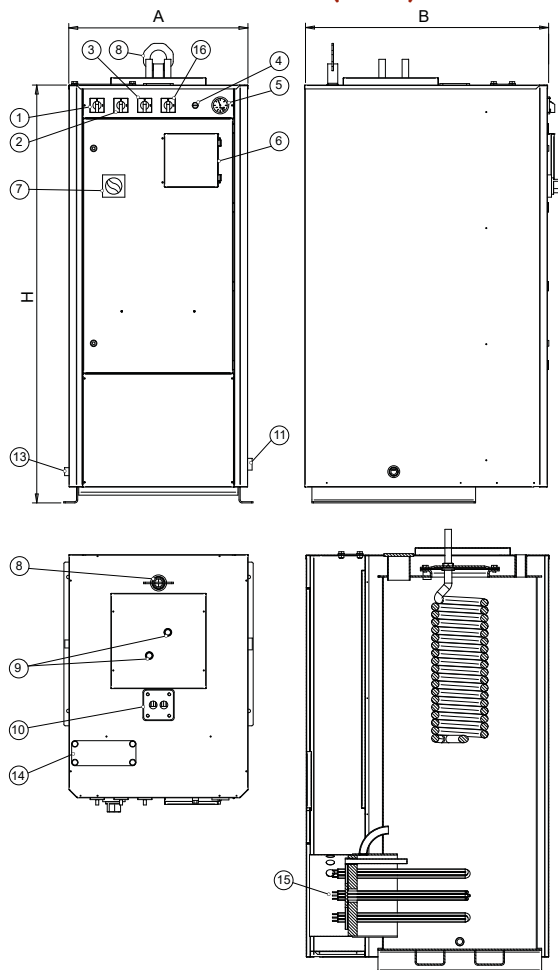
The 42 – 200 kW boilers come with a 750 l water capacity.

Jäspi FIL-B boilers are a smart and economical choice for various applications, e.g. industrial shops, schools, kindergartens and small houses, for both heat generation and hot water supply.

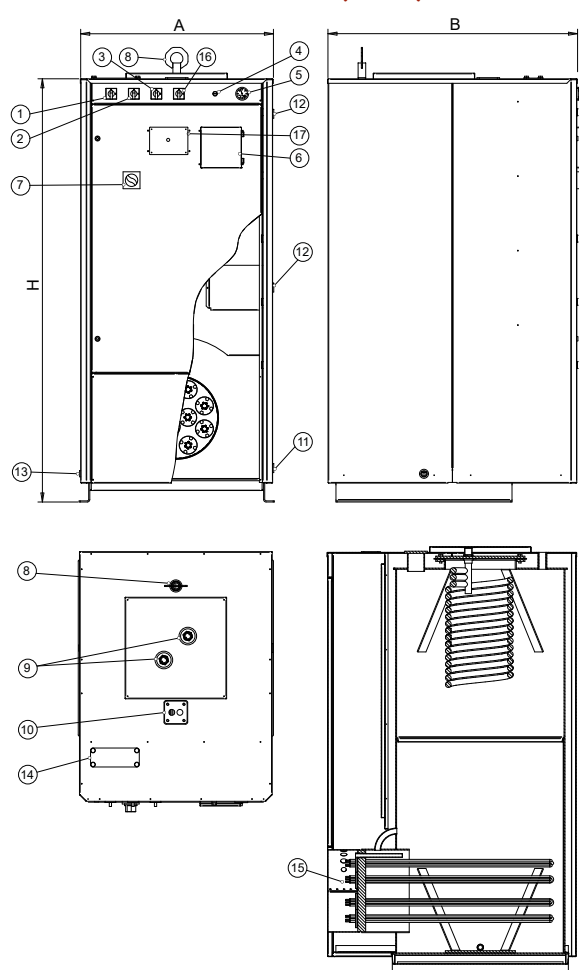


Serie FIL-B

FIL-B 31,5 - 42 kW (240 l)



FIL-B 42 - 200 kW (750 l)



Scope

1. Control voltage switch
2. Heating / backup heating switch
3. Pump switch
4. Temperature limiter
5. Combined temperature and pressure gauge
6. Control unit / circuit board

7. Main safety switch (AB + disconnect + shutdown command)
8. Deaeration sleeve DN25
9. Hot water coil sleeves
10. Mixing valve sleeve DN25 (31,5-52,5 kW: DN25; 70-200 kW: DN32)
11. Expansion sleeve DN25
12. Additional circuit sleeves DN25 (for 750 l boilers only)

13. Drain sleeve DN15
14. Electrical leads
15. Electric heating elements
16. External control selector switch
17. Anti-boiling protection unit

Name	Dimensions (HxWxD) [mm]	Fuses [A]	Weight [kg]	Volume [l]	Power stage	Hot water coil [l/min]	Voltage	Temperature/pressure
FIL-B 31.5	1400x600x815	3 x 63	150	240	7	35	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 42	1400x600x815	3 x 80	150	240	7	35	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 42	1900x900x1100	3 x 80	330	750	7	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 52.5	1900x900x1100	3 x 100	330	750	7	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 70	1900x900x1100	3 x 125	330	750	7	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 84	1900x900x1100	3 x 160	330	750	7	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 105	1900x900x1100	3 x 200	330	750	7	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 120	1900x900x1100	3 x 250	330	750	7	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 140	1900x900x1100	3 x 250	330	750	15	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 150	1900x900x1100	3 x 250	330	750	15	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 180	1900x900x1100	3 x 315	330	750	15	50	400 V 3 N AC 50 Hz	30-100/1,5 bar
FIL-B 200	1900x900x1100	3 x 400	330	750	15	50	400 V 3 N AC 50 Hz	30-100/1,5 bar