

## Electric boiler with flow-through technology

- Independent heat source or additional heat source for heat pump systems.
- Can be connected to many heating systems.
- For detached houses as well as terraced houses, blocks of flats and industrial properties.
- Electrical resistors and control unit.
- Does not include hot water tank.
- Works with flow-through technology and requires an external circulating water pump that circulates water in the boiler.
- 7 or 15 stage control system.



The Jäspi FIL SPL electric boiler can operate as an independent heat source or it can be connected to heat pump systems as a source of backup and additional heat.

Jäspi FIL SPL is suitable for terraced houses, apartment buildings and industrial properties.

FIL SPL consists of electric heaters and a control unit and does not include a hot water tank. FIL works with flow-through technology and requires an external circulating water pump that circulates water in the boiler.

Technical information 31.5 - 400	
<b>Electrical information</b>	
Rated voltage, models 31.5 - 300	400 V 3 N AC 50 Hz
Rated voltage, models over 300 - 400	400 V 3 AC 50 Hz
Control unit voltage (internally connected)	230 V 1 N AC 50 Hz +/- 10 %
Secondary current of Jäspi current transformers	0 - 1 A
Secondary current of primary current transformers	0 - 5 A
IP class	IP 20
<b>Power steps</b>	
Models 31.5 - 140	7 steps
Models 150 - 400	15 steps
<b>General</b>	
Ambient temperature	5...35 °C
Max temperature	110 °C
Max pressure	10 bar
Operating temp. (electric boiler)	30-99 °C
<b>Pipe connections</b>	
Models 31.5 - 140	DN 65
Models 150 - 400	DN 100
<b>Volume</b>	
Models 31.5 - 140	85 l
Models 150 - 400	220 l
<b>Weight</b>	
Models 31.5 - 140	170 kg
Models 150 - 400	320 kg

Power	Recommended fuse
31.5 kW	3 x 63 A
42 kW	3 x 80 A
52.5 kW	3 x 100 A
70 kW	3 x 125 A
84 kW	3 x 160 A
105 kW	3 x 200 A
120 kW	3 x 250 A
140 kW	3 x 250 A

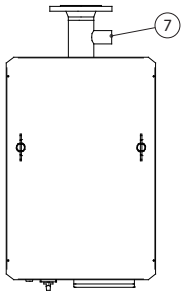
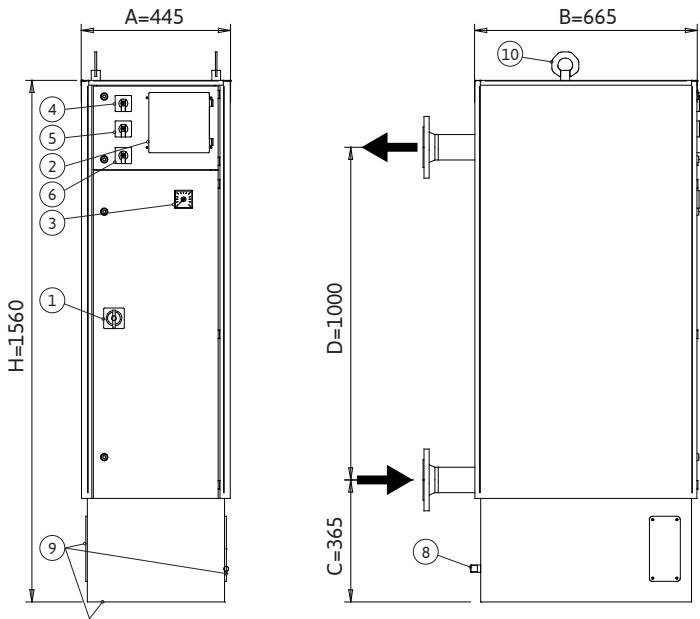
Power	Recommended fuse
150 kW	3 x 250 A
180 kW	3 x 315 A
225 kW	3 x 400 A
300 kW	3 x 500 A
400 kW	2 x (3 x 400 A)

Accessories	Code
Outdoor temp sensor	M01027
Current transformers	M01026
Dry boiling protection*	M01695

\* Standard in models 150-400  
Other accessories from our sale.

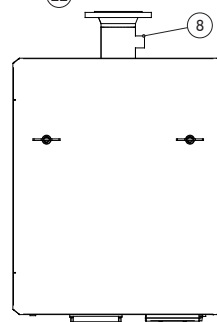
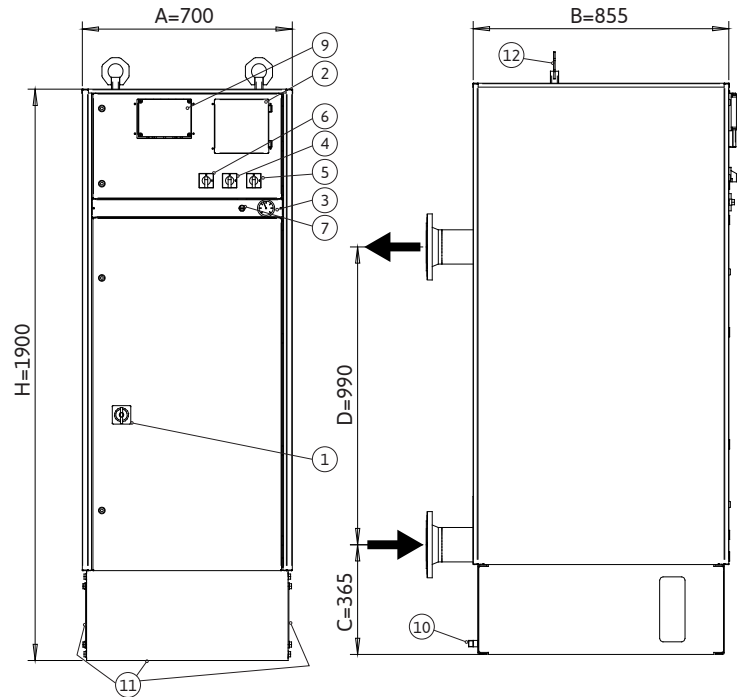
# Jäspi FIL SPL

## FIL SPL 31.5 - 140



1. Safety switch
2. Control unit
3. Thermometer
4. Control voltage switch
5. Normal/standby mode selector switch
6. External control switch
7. Space charge for dry boiling limiter
8. Drain connection
9. Space reservation for electrical cable entry
10. Lifting point

## FIL SPL 150 - 400



1. Safety switch
2. Control unit
3. Thermometer
4. Control voltage switch
5. Normal/standby mode selector switch
6. External control switch
7. Temperature limiter
8. Dry boiling limiter sensor
9. Dry boiling limiter
10. Drain connection
11. Space reservation for electrical cable entry
12. Lifting point

## Circuit diagram L000662

Jäspi FIL SPL + Akva Pro

