

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		
Electrical information		
Rated voltage, models 31.5 - 300	400 V 3 N AC 50 Hz	
Rated voltage, models over 300 - 400	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	
Power steps		
Models 31.5 - 140	7 steps	
Models 150 - 400	15 steps	
General		
Ambient temperature	535 °C	
Max temperature	110 °C	
Max pressure	10 bar	
Operating temp. (electric boiler)	30-99 °C	
Pipe connections		
Models 31.5 - 140	DN 65	
Models 150 - 400	DN 100	
Volume		
Models 31.5 - 140	85 l	
Models 150 - 400	220 l	
Weight		
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		

140 kW	3 x 250 A		
Accessori	es	Code	
Outdoor te	mp sensor	M01027	
Current transformers		M01026	

M01695

Dry boiling protection*

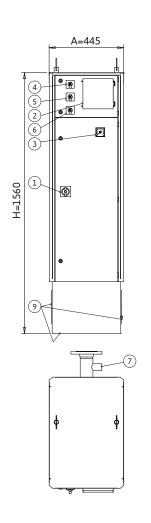
Power	Recommended fuse
150 kW	3 x 250 A
180 kW	3 x 315 A
225 kW	3 x 400 A
300 kW	3 x 500 A
400 kW	2 x (3 x 400 A)

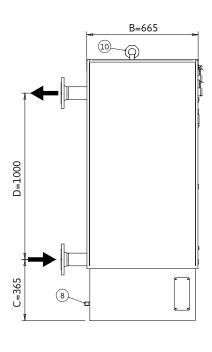
^{*} Standard in models 150-400 Other accessories from our sale.

Jäspi FIL SPL

FIL SPL 31.5 - 140

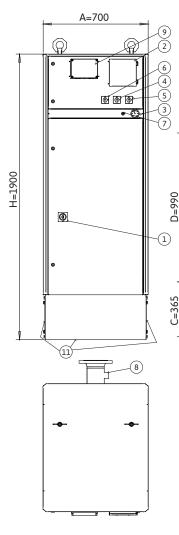
FIL SPL 150 - 400





- Safety switch
- Control unit Thermometer

- Control voltage switch Normal/standby mode selector switch External control switch
- Space charge for dry boiling limiter Drain connection Space reservation for electrical cable entry
- 10. Lifting point



Safety switch Control unit

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- Thermometer
- Control voltage switch
- Normal/standby mode selector switch External control switch

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- Temperature limiter
 Dry boiling limiter sensor
- Dry boiling limiter
- 10. Drain connection11. Space reservation for electrical cable
- entry 12. Lifting point

Circuit diagram L000662

Jäspi FIL SPL + Akva Pro

