



**BOSCH**

Invented for life



Combine high quality  
and efficiency

Oil-/gas-fired floor-standing condensing boiler

Uni Condens 8000 F



## Excite your customers

Do you need an efficient and flexible solution for 50 to 1200 kW heat demand? This is it: The Uni Condens 8000 F floor-standing condensing boiler. It offers Bosch's guaranteed high quality and perfect workmanship and is easy to install.

### **Clever heating**

Gas or oil? With the Condens 8000 F, your customers can use both fuels.

### **Flexible combinations**

The boiler works efficiently with other heat generators.

### **Consistent efficiency**

Its seasonal energy efficiency for central heating of up to 98% speaks for itself.

### **High quality**

Perfect workmanship and high-quality materials guarantee reliability and a long service life.

### **Reliable planning**

The Uni Condens 8000 F can be easily integrated into an existing system. During planning, Bosch offers you comprehensive and partnership-based support.

### **Simple integration**

A low water-side pressure drop and high water content enable it to be integrated easily into existing systems.

### **Intuitive control**

Bosch provides you with a wide range of innovative control technology for the Condens 8000 F. It guarantees optimal control of the boiler in a range of heating systems.



## Find efficient solutions to large tasks

Which fuel is the right one for the new heating system? The Uni Condens 8000 F floor-standing condensing boiler can use various fuels, converting them into heat reliably and extremely efficiently.

1

### Clever heating

Gas or heating oil? Whichever fuel your customers choose, they are not bound by this decision and can always exploit fluctuating commodity prices.

3

### Consistent efficiency

The boiler achieves a high seasonal energy efficiency for central heating of up to 98%. This is made possible thanks to clever innovations such as gas to water heat exchangers operating in accordance with the counter-current flow heat exchange principle or separate return connections to separate high- and low-temperature circuits.

2

### Smart combinations

It is extremely easy to combine with other heat generators thanks to its low water-side resistance. Whether used with a heat pump or a combined heat and power unit – you can always rely on the Uni Condens 8000 F, in combination with other units or as a stand-alone solution.

4

### High quality

The Uni Condens 8000 F combines high-performance, innovative materials with perfect workmanship. The high quality offered by Bosch therefore provides a basis for impressive reliability and a long service life.



- 1 Ancillary heating surface**
- 2 Burn-out combustion chamber**
- 3 Flue gas channel**
- 4 Water-carrying element**
- 5 Cladding with insulation**
- 6 Base frame**

## Revolutionary

The gas to water heat exchangers in accordance with the countercurrent flow heat exchange principle are specially twisted and their cross-section decreases in the flow direction of the heating gases. This supports the condensation and increases the system efficiency. Another advantage: The ancillary heating surfaces allow for a particularly compact design.



## Implement your customers' requirements flexibly

The compact technology used in the Uni Condens 8000 F guarantees quick, easy installation. Our cooperative service packages can take on even more work for you.

**Reliable planning**

Thanks to the low water-side resistance, the boiler can be flexibly integrated into new or existing systems. You can freely select the burner and optimally equip the boiler in accordance with your customers' requirements. Additionally, you benefit from expert planning support from Bosch. With Bosch, you can be sure to achieve the perfect result, every time.

**Simply install**

Installing this boiler is quick and easy. Heating circuit flows and returns can be connected quickly as no additional devices, such as flow limiters or boiler circulation pumps, are required. Even cascading is made simple: You only need to connect the boiler via the hydraulics in order to integrate it.

**Expert service**

Sophisticated technology from Bosch makes your work easier when it comes to servicing. The boiler can be effortlessly combined with various control systems and can therefore be optimally set up to meet your customers' requirements – even for service.

**Everything reliably under control: Control 8000**

- ▶ Self-explanatory operation similar to a smartphone
- ▶ Standard Modbus interface for networking with the building control system
- ▶ Pioneering connectivity thanks to an integrated Internet interface
- ▶ Smart system control over the Internet using a tablet or PC
- ▶ Flexible installation: Can be installed on top of or on the side of the boiler, or on the wall



# Specifications

Uni Condens 8000 F					
Boiler size		50	70	90	115
Rated heat output with gas (at an operating temperature of 50/30 °C)	kW	50	70	90	115
Boiler height	mm	1254	1254	1254	1254
Boiler width	mm	820	820	820	820
Depth without burner	mm	1157	1157	1157	1157
Permissible flow temperature <sup>1</sup>	°C	110	110	110	110
Permissible operating pressure	bar	4	4	4	4
Water content (approx.)	l	237	233	250	240
Weight (net)	kg	294	300	314	321

Uni Condens 8000 F								
Boiler size		145	185	240	310	400	510	640
Rated heat output with gas (at an operating temperature of 50/30 °C)	kW	145	185	240	310	400	510	640
Boiler height	mm	1376	1376	1408	1408	1612	1770	1770
Boiler width	mm	900	900	970	970	970	1100	1100
Depth without burner	mm	1816	1816	1845	1845	1845	1980	1980
Permissible flow temperature <sup>1</sup>	°C	110	110	110	110	110	110	110
Permissible operating pressure	bar	4	4	5	5	5.5	5.5	5.5
Water content (approx.)	l	560	555	675	645	680	685	845
Weight (net)	kg	613	620	685	705	953	1058	1079

Uni Condens 8000 F				
Boiler size		800	1100	1200
Rated heat output with gas (at an operating temperature of 50/30 °C)	kW	800	1100	1200
Max. boiler output, oil	kW	770	962	1155
Boiler height	mm	2014	2192	2192
Boiler width	mm	960	1040	1040
Weight (net/gross)	kg	1540/2470	1792/2992	1822/3012
Permissible flow temperature <sup>1</sup>	°C	110	110	110
Permissible operating pressure	bar	6	6	6
Water content (approx.)	l	930	1200	1190

<sup>1</sup> With safety limit (high limit safety cut-out): In combination with the Control 8000 control unit:  
Maximum possible flow temperature = safety limit (high limit safety cut-out) - )K

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