Advanced oil heating system

A2 oil condensing boiler

Higher efficiency

Lower oil consumption, smaller oil storage tanks, overall space saving

Best-in-class modulation range

kW

From 0,5 to 32 kW, the A2 adapts to all your needs

Fit for any replacement

0,42m²

Compact design, removable panels, flexible connections, the A2 can fit anywhere

Keeping you cosy and warm and bring oil heating into the 21st century

Higher efficiency

Daikin's oil condensing technology is a worthwhile investment

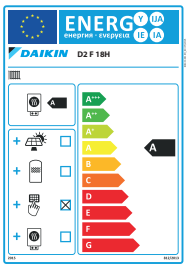
Choosing the right boiler for replacing your oil heating system is a long-lasting decision.. Over the years, the cost of fuel will largely exceed the boiler's initial purchase price.Therefore, this is where the A2 can help you making the biggest savings.

Advanced oil heating system

The modern A2 oil boiler will fit seamlessly into your home. Its condensing technology minimizes emissions, is very easy to operate and converts fuel into available heat with virtually no losses. The higher efficiency reduces oil consumption and allows for installing smaller oil storage tanks, which are fitted with odour barriers.

The A2 reaches the maximum efficiency labels

All Daikin products are tested and proven to meet criteria set by the EU Ecodesign Directive.
We guarantee our individual products and packaged solutions offer maximum convenience, while upholding the highest safety standards.



Best-in-class modulation range

A boiler with a wide modulation range

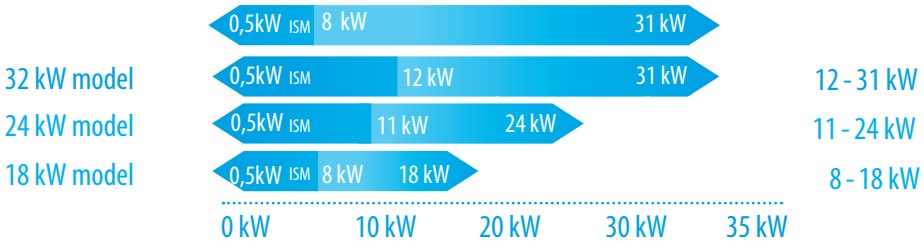
The heat demand of a building varies widely depending on weather conditions and utilisation patterns. The modulating A2 constantly adjusts its output in line with demand. This ensures optimum energy utilisation. It has a particularly large modulation range of 1:2,5. This can even be broadened to 1:64.

Go further with Intelligent Store Management.

The A2 can deliver 0-100 percent output to meet demand and provide continuous heat distribution in combination with Daikin's thermal stores. The thermal store volume serves as an active buffer also for space heating. Further optimisation is possible with ISM: even the lowest heat requirements of 500 watts or more can be covered, while producing as much hot water as you need. Frequent on/off switches are wavoided by optimising the oil condensing boiler's burner runtimes. Fewer burner starts mean much lower emissions of harmful substances and increased energy efficiency.

With this optimisation, the A2 is well able to meet the steadily increasing need for a constant and immediate supply of hot water – especially with the trend for ever more luxurious bathrooms and multiple shower units in our homes, but decreasing heating requirements as building insulation improves.

Capacities Range



Fit for any replacement

The Daikin A2 is ideally suited to replace older boilers, thanks to the great flexibility it offers when integrated into existing systems, plus its low weight and compact dimensions.

How you can benefit from the Daikin A2 oil condensing boiler

Outstanding efficiency

- Energy saving condensing technology
- Optimum heat transfer due to innovative flue gas turbulators in the boiler body

Space saving

- Small installation area of 0.42 m^2
- Oil tanks designed to site safely beside the boiler

Innovative technology

- Next generation modulating burner (1:2.5)
- ISM offers modulation of 1:64 from 0,5 to 32 kW and intelligent storage management
- Intuitively operated electronic control unit
- Ready for bio-oil (B10) and all commercially available fuel oils

Meets your needs

- Ideal for replacing an existing oil boiler
- Straightforward chimney refurbishment
- Easy maintenance
- Odour-proof flexible pipes prevent the smell of fuel oil
- If used with a Daikin thermal store, possibility of direct combination with our solar thermal system or woodburning stove with back boiler

Oil condensing boiler

D9HA

A2				D9HA2018A	D9HA2024A	D9HA2032A
Boiler	Nominal power DIN-EN 303		kW	18	24	31
	Stanadard capacity range		kW*	8-18	11-24	12-31
	Water source		l	60	56	50
Heat loss	Standing losses EN 304		kW	0.1 (1)		
Dimensions	Unit	Height	mm	1,360		
		Width	mm	606		
		Depth	mm	754		
Weight	Unit		kg	97	102	111
Pump	Type			Controlled high efficiency		
	Speed			PWM controlled		
	Max. power input		W	60		
Flue gas	Connection		mm	80		
	Max. temperature	80/60 °C	° C	68 (2)	70 (2)	72 (2)
Inlet air	Connection		mm	125		
Water circuit - Central heating	Temperature	max.	° C	85		
Central heating	Water pressure	max.	bar	3		
Sound power	Nominal		dbA	63	65	66
Power supply	Frequency		Hz	50		
	Voltage		V	230		
	Phase			1~		
Current	Fuse		A	6		

(1) EN 303-2: Heating boilers with forced draught burners - Special requirements for boilers with atomizing oil burners
(2) According to EN 304

FSC

ECPEN18-727 04/18

CERTIFIED ISO 9001 · ISO 14001

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