

The new  
SH60 Range  
Condensing  
Ultra Low NOx

# SUPAheat

High Efficiency Direct Gas-Fired Boilers



Working towards  
a cleaner future



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## High Efficiency Direct Gas-Fired Boilers

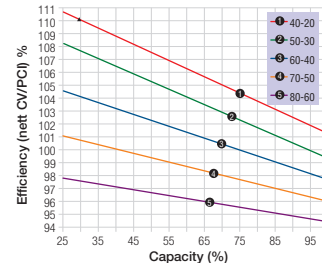
Andrews SUPAheat boilers are a range of gas-fired high efficiency boilers suitable for many applications in the commercial and industrial sector.

There are seven models that range from 142 kW output to 539 kW with a choice of options and features to suit different applications. All the SUPAheat range is designed to be easily dismantled and re-assembled where access to the plant room is restricted. The SH60 series can be manufactured with standard or alternative burner access to optimise the plant room floor space. The units are constructed with a low water content heat exchanger, mounted on a welded steel frame to provide a versatile and lightweight unit.

Andrews SUPAheat boilers are constructed from high quality materials such as copper, stainless steel and aluminium and are manufactured under a quality system approved by ISO 9001. All SUPAheats also hold the European CE mark and are fire tested prior to despatch.

### SH60 KM Condensing Series

The SH60 condensing boiler is the latest addition to our range that takes heating technology well into the future. This unit is a 110.4% (nett) @ 40/30°C high efficiency condensing boiler with a water cooled downward firing blown gas pre-mix burner that modulates between 20% to 100% providing ultra low NOx and CO<sub>2</sub> emissions. This unit also offers a seasonal efficiency of 110.4% at 40/30°C. The unit is lightweight and only requires a very small footprint that provides greater siting flexibility. A built-in room-seal facility is standard. In addition all units are supplied with a primary UPS circulator, gas



SH60 KM Condensing efficiency chart

filter, 3 bar safety valve and condense trap. The standard control shows full operational and lockout status and can be interrogated by a laptop computer for full history status. The heater has three separate heat exchangers that are either two or three pass and are constructed of 316 stainless steel fin tube.

### Standard features include:

- Copper or stainless steel heat exchanger
- Fin tube heat exchanger
- Modulating burner
- Remote BMS contacts
- Easily dismantled and re-assembled
- Five-year heat exchanger warranty
- Compact design with small footprint
- Fast response to varying loads
- Lightweight

- Low water content
- Low noise levels
- Low standby losses
- Low maintenance

### Additional features of the SH60 series include:

- Fully condensing
- Pre-mix blown gas burner
- Water cooled burner
- Room sealed facility
- Ultra low emissions

### SH60 Condensing Series - Technical Specification

Type	Nominal Heat Input		Nominal Heat Output		Max gas rate		Burner pressure (mbar)		Water capacity	
	kW	Btu	kW	Btu	m <sup>3</sup> /h	ft <sup>3</sup> /hr	Min	Max	litres	gals
SH61	145	495200	142	484950	13.3	469	18	25	27	5.9
SH62	194	662540	190	648880	17.8	628	18	25	31	6.8
SH63	242	826470	237	809390	22.2	783	18	25	35	7.7
SH64	291	993810	285	973320	26.7	942	18	25	61	12.2
SH65	388	1325080	380	1297760	35.6	1257	18	25	68	14.9
SH66	485	1656360	475	1622210	44.5	1571	18	25	75	16.5
SH67	550	1878340	539	1840780	50.5	1783	18	25	82	18

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