

The new  
SF60 Range  
Condensing  
Ultra Low NOx

# SUPAflo

High Efficiency Gas-Fired Water Heaters



Working towards  
a cleaner future



# SUPAflo

## High Efficiency Gas-Fired Water Heaters

### A constant supply of hot water from a single source

Andrews SUPAflo Water Heaters are a range of gas-fired high efficiency water heaters capable of supplying large volumes of hot water for a variety of commercial and industrial applications.

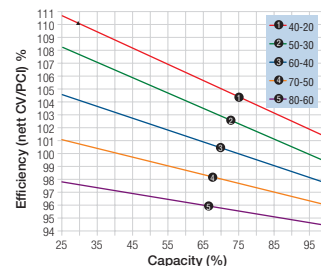
The SUPAflo water heater is a low water content unit with a copper or stainless steel finned tube heat exchanger and stainless steel headers and manifold. The unit can operate 'instantaneously' providing hot water on demand or with a buffer storage vessel and is suitable for either vented or unvented systems.

Seven models are available with outputs that range from 142 to 539kW providing hot water recovery rates from 2430 to 9230 litres per hour at a temperature rise of 50°C from a single unit.

Andrews SUPAflo water heaters are constructed from high quality materials such as copper, stainless steel and aluminium and are manufactured under a quality system approved by ISO. 90001. All SUPAflo units also hold the European CE mark and are listed by the Water Research Council (WRC).

### SF60 KM Condensing Series

The SF60 is the latest addition to our range that takes water heating technology well into the future. This unit is a 103% (nett) at 75/60°C high efficiency condensing heater with a downward firing blown gas pre-mix water cooled burner that fully modulates between 20% to 100% providing ultra low NOx and CO<sub>2</sub> emissions. The heater also offers a seasonal efficiency of 106.8% at 75/60°C. The unit is lightweight and only requires a very small footprint that provides greater siting flexibility. The heat exchanger is constructed with stainless steel fin-tubes and stainless steel header manifolds. All models have a room sealed facility if



KM condensing efficiency chart

required. In addition to the standard equipment that is supplied the SF60 also comes with a gas filter and condense trap and has the facility to control and powers its own Bronze UPS primary circulator. The comprehensive control panel indicates all operational and lockout status with full history.

### Standard features:

- Stainless steel manifold and headers
- Finned tube heat exchanger
- Stainless steel burners
- Modulating burner
- Primary circulator and safety relief valve supplied
- Compact design and small footprint
- Lightweight construction
- Hot water temperature up to 90°C
- Low water content heat exchanger

- Low noise and flue gas emissions
- Low maintenance and down time
- Low standby losses

### Additional features of the SF60 include:

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

### SF60 Series - Technical Specification

Type	Nominal Heat Input		Nominal Heat Output		Max gas rate		Recovery			
	kW	Btu	kW	Btu	m <sup>3</sup> /h	ft <sup>3</sup> /hr	90°F (50°C) temp. rise		100°F (56°C) temp. rise	
							l/hr	gph	l/hr	gph
SF61	145	495200	142	484950	13.3	469	2430	534	2160	475
SF62	194	662540	190	648880	17.8	628	3250	712	2900	637
SF63	242	826470	237	809390	22.2	783	4050	890	3620	796
SF64	291	993810	285	973320	26.7	942	4880	1073	4350	956
SF65	388	1325080	380	1297760	35.6	1257	6510	1431	5810	1278
SF66	485	1656360	475	1622210	44.5	1571	8130	1788	7260	1596
SF67	550	1878340	539	1840780	50.5	1783	9230	2030	8240	1812

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