

HRE System 18

Output	Type	Model
18	HRE System	Horizontal

Descriptive Specification

- Just 12 components, including 4 moving parts, means less maintenance, lower service costs and greater reliability
- Flow rates up to 13.2 litres per minute at 35°C rise
- Saves money on energy bills as it condenses 100% of the time in both
- heating and hot water modes

Signature output		18
Safety class		IP44
NoX class		5
NoX level	mg/kWh	< 60
Domestic Hot Water		
Input (lower value)	kW	5.6 - 22.1
DHW treshold	l/min	2
ΔT 25 °C	l/min	12
ΔT 35 °C	l/min	8,5
DHW temperature (factory setting)	°C	55
Max. DHW water pressure	bar	8
Min. DHW water pr. inet (boiler)	bar	0.2
Central Heating		
Nom. input rating (lower value)	kW	5.6 - 18.7
Rated power	kW	6.1 - 18.2
Max. CH water pressure	bar	2.5
Max. CH water temperature	°C	90
SEDBUK rating		A
Harp efficiency	%	90.1
Flues		
Max horizontal	m	10
Max vertical	m	10
Standard flue dia	mm	60/100
Installation		
Mains cold water inlet	mm	15
Domestic hot water outlet	mm	15
Gas connection	mm	15
Pressure relief valve	mm	15
Heating flow and return connections	mm	22
Condensate drain (flexible)	mm	25
Solar compatible		yes

Product Fiche Intergas Rapid

Seasonal space heating en. eff. class		A
Heat rated outp. (power) (Prated)	kW	18
Seasonal space heating en. eff. (ηS)	%	93
Annual energy consumption (QHE)	GJ	55
Sound power level (LWA)	dB	45
Maximum load profile		L
Water heating energy efficiency class		A
Water heating energy efficiency (ηWH)	%	84
Annual electricity consumption (AEC)	kWh	14
Annual fuel consumption (AFC)	kHh	3173

Dimensions

Height (mm)	Width (mm)	Depth (mm)
650	450	240

