

SPECIFICATIONS

Model		27 NAT	27 PROP
Gas Input (MJ/hr)		205	205
Output (kW)		46 ¹ 46.5 ²	46 ¹ 46.5 ²
Installation	Indoor	Wall Mounting – can be flued horizontally or vertically.	
	Outdoor	Wall Mounting	
Mass (kg)		24	
Min Water Pressure (kPa)		140	
Max Water Pressure (kPa)		1000	
Min Water Flow (L/M)		2.0 (+0.5/-0.25)	
Max Flow Rate @ 25°C Rise (L/M)		27	
Max Flow Rate @ 40°C Rise (L/M)		16.5 ¹ 16.7 ²	
Gas/Water Connections		R ³ / ₄ /20	
Flue connection (mm) (indoor models only)		Concentric 76.2 x 127	
Max Flue Length (indoor models only)		9 metres with 3 bends	
Injector Orifice (qty x dia mm)		16 x 2.05	16 x 1.25
Burner Test Point Pressure (kPa)	Indoor	Min	0.165
		Max	0.900
	Outdoor	Min	0.193
		Max	0.905
Min Inlet Gas Pressure (kPa)		1.13	2.75
Max Inlet Gas Pressure (kPa)		3.5	
Relief Valve Setting (kPa)		1750	
Electrical	Rating	240 VAC/50Hz, 3 Amps	
	Fuse	2 x 3A Fuse (line voltage), 5A fuse on power supply PCB	
Safety Devices		Over Heat Limiter for Heat Exchanger	
		Heat Exchanger Thermistor (Boiling Point Safety)	
Freeze Protection		-20°C (Without Wind-Chill Factor) with power applied	
Controllers (optional)		Kitchen Controller (K) or Deluxe Kitchen Controller (K)	
		Bath Controller (B1) or Deluxe Bath Controller (B1)	
		Bath Controller (B2) or Deluxe Bath Controller (B2)	

Burner test point pressure varies by model. Model type can be determined by referring to model number:

¹ 5 star model (4th digit of model number is 0, eg: 874027NF)

² 6 star model (4th digit of model number is 6, eg: 874627NF)