

IMMERGAS SE EXTERNAL BOILER

MANUFACTURED BY:



Wall hung traditional hydronic system boiler for outdoor installation

- Sealed room fan assisted model with a 36 kW heat output
- Compact dimensions
- Automatic system by-pass
- D.H.W. Storage Tank (optional)
- Electronic control board microprocessor driven
- Electronic ignition and full modulation
- Diagnostic and performance display
- Intelligent External Controller CAR^{v2} with outside sensor (optional)

**5 YEAR*
WARRANTY**



MAIN OPTIONS

CAR^{v2} - 3.021395
External Sensor - 3.014083
Anti-freeze protection (-15°C) - 3.017324.

MEASUREMENTS

1000 x 555 x 255 (H x W x D) mm
Empty appliance weight - 45 kg.

MAIN FLUE KITS

Vertical concentric kit 60/100 - 3.023758.

CAR^{v2}



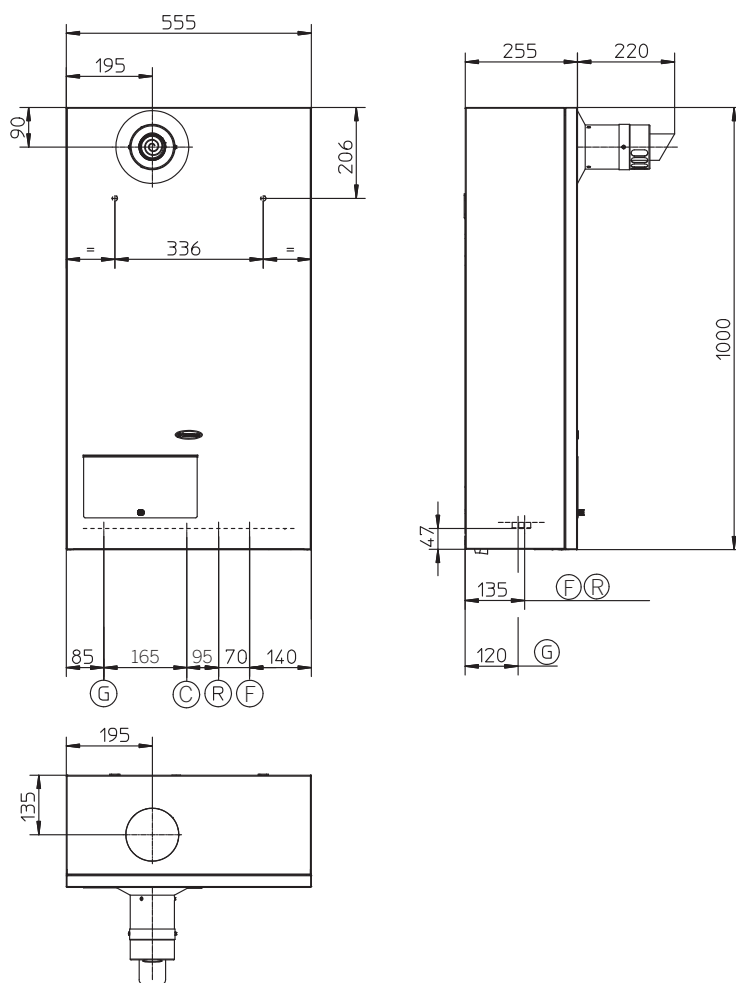
EXTERNAL SENSOR



Model	Code NG./LPG	Heat output kW	Efficiency at nom. heat output	Protection index
SE 32 kW	IMG SE 32+ E NG IMG SE 32+ E LPG	36	87.3%	IPX5D

COMBUSTION PARAMETERS			
		NG [G20]	LPG [G30]
Supply Pressure	kPa	1.0	2.8
Flue temperature at nominal output	°C	67	68

TECHNICAL DATA		
Heat output NG	mJ/h (kW)	128.5 (35.7)
Heat output LPG	mJ/h (kW)	128.5 (35.7)
Burner pressure maximum NG/LPG	kPa	0.70 / 2.10
Burner pressure minimum NG/LPG	kPa	0.19 / 0.55
Efficiency 80/60 Nom./Min.	%	87.30
Efficiency 50/30 Nom./Min.	%	93.20
Adjustable central heating temperature	°C	35 - 85
Expansion vessel factory-set pressure	bar	1
Pressure relief setting	bar (psi)	3 (44)
Expansion vessel capacity	L	10
Head available with 1000 l/h flow rate	kPa (m H ₂ O)	30.2 (3.1)
Electrical connection	V/Hz	230 / 50
Installed electric power	W	180



Height (mm)	Width (mm)	Depth (mm)	
725	555	255	
Connections			
Cold Inlet	Gas	System	
C	G	R	F
1/2"	3/4"	3/4"	3/4"

Key:
G - Gas Supply
R - Return -CH
F - Flow -CH
C - Cold Fill