

TECHNICAL DATA

Brand name	Unit	PROXIMA 20KK	PROXIMA 25KK	PROXIMA 20SK	PROXIMA 25SK
		PK20KK.N012 PK20KK.N032	PK25KK.N012 PK25KK.N032	PK20SK.N012	PK25SK.N012
TYPE					
Category		I _{2H}			
Model/design		B _{11BS}			
Flue gas discharge		Chimney			
Fuel type		Natural gas (G20)			
Max. heat input	kW	22	27,5	22	27,5
Min. heat input	kW	6	7,2	6	7,2
Max. heat output	kW	20,35	25,44	20,35	25,44
Min. heat output	kW	5	6	5	6
Účinnost při jmenovitém tepelném výkonu	%	92,5	92,5	92,5	92,5
Gas consumption at rated output	m ³ .h ⁻¹	2,32	2,91	2,32	2,91
Gas pressure					
Nominal input gas overpressure	mbar	20	20	20	20
Burner nozzle diameter	mm	1,15	1,20	1,15	1,20
Min. pressure below burner	mbar	1,3	0,8	1,3	0,8
Max. pressure below burner	mbar	13,8	12,7	13,8	12,7
Expansion vessel					
Total capacity	l	7	7	7	7
Heating (heating water)					
Temperature setting range	°C	45 ÷ 85±1	45 ÷ 85±1	45 ÷ 85±1	45 ÷ 85±1
Max. overpressure	bar	2,5	2,5	2,5	2,5
Min. overpressure	bar	0,7	0,7	0,7	0,7
Max. water capacity in heating system	l	100	100	100	100
Domestic hot water (DHW)					
Temperature setting range	°C	30 ÷ 60±2	30 ÷ 60±2		
Domestic water max. overpressure at boiler input	bar	6	6		
Domestic water min. overpressure at boiler input	bar	0,5	0,5		
DHW flow rate at heating by Δ t 25 °C	l.min ⁻¹	11,7	14,6		
Flow rate at heating by Δ t 30 °C	l.min ⁻¹	9,7	12,2		
Flow rate at heating by Δ t 35 °C	l.min ⁻¹	8,3	10,4		
Min. flow rate	l.min ⁻¹	1,6±0,3	1,6±0,3		
Max. flow rate	l.min ⁻¹	20	20		
Flue gas values					
Mass flow rate	g.s ⁻¹	13,9	17,4	13,9	17,4
Flue gas maximum temperature	°C	105	111	105	111
CO ₂	%	5,8	7,9	5,8	7,9
Class NO _x		3	3	3	3
Flue gas duct (diameter)	mm	*130/120	130	*130/120	130
Electrical data					
Voltage	V	230	230	230	230
Frequency	Hz	50 ÷ 60	50 ÷ 60	50 ÷ 60	50 ÷ 60
Total installed electrical input	W	123	123	123	123
Electric input in normal operation	W	58 ÷ 123	58 ÷ 123	58 ÷ 123	58 ÷ 123
Power consumption in stand-by mode (24 hours)	kWh	0,288	0,288	0,288	0,288
Power consumption in heating mode (24 hours)	kWh	2,88 ÷ 4,44	2,88 ÷ 4,44	2,88 ÷ 4,44	2,88 ÷ 4,44
Electric coverage degree	IP	44	44	44	44
Jmenovitý proud pojistky spotřebiče	A	4	4	4	4
General					
Environment type as per ČSN 33 2000-3		normal	normal	normal	normal
Appliance class as per ČSN EN 60 335-1		I	I	I	I
Emergency thermostat switch-off temperature	°C	105	105	105	105
Weight	kg	32	33	30	31
Height	mm	793	793	793	793
Width	mm	400	400	400	400
Depth	mm	381	381	381	381
Noise level	dB	< 50	< 50	< 50	< 50
Instrumentation accuracy for heating water and domestic hot water	°C	±1	±1	±1	±1

Data for nominal gas consumption applies at a temperature of 15 °C and atmospheric pressure of 1013.25 mbar, dry gas.

* Flue gas nozzle adapter φ 130 mm to φ 120 mm available upon request.