TECHNICAL DATA		VESUVIUS 24				VESUVIUM 28				VESUVIUM 33			
GAS CIRCUIT		NG	NG	LPG	LPG	NG	NG	LPG	LPG	NG	NG	LPG	LPG
GAS TYPE		G20	G25	G30	G31	G20	G25	G30	G31	G20	G25	G30	G31
GAS SUPPLY PRESSURE		20	25	30	37	20	25	30	37	20	25	30	37
MAXIMUM GAS CONSUMPTION	m³/h	2.38	2.85	0.73	0.92	3.05	3.05	1.18	1.18	3.4	3.4	1.3	1.3
MINIMUM GAS CONSUMPTION	m³/h	0.37	0.43	0.11	0.11	0.4	0.4	0.14	0.14	0.43	0.43	0.17	0.17
ROOM HEATING SEASONAL ENERGY EFFICIENCY CLASS		A				A				A			
SEASONAL ENERGY EFFICIENCY OF SPACE HEATING	%	92				92				92			
USEFUL EFFICIENCY AT NOMINAL HEAT OUTPUT AND HIGH TEMPERATURE REGIME	%	87.6	87.6	87.6	87.6	87.6	87.6	88.5	88.5	87.6	87.6	87.6	87.6
USEFUL EFFICIENCY AT 30% OF THE NOMINAL HEAT OUTPUT AND LOW TEMPERATURE REGIME	%	97.5	97.5	97.5	97.5	97.3	97.3	97.8	97.8	96.7	96.7	97.2	97.2
RADIATOR CIRCUIT		G20	G25	G30	G31	G20	G25	G30	G31	G20	G25	G30	G31
MAXIMUM HEAT OUTPUT PN (50/30 °C)	kW	25	25	24.7	25	30	30	30	30	36	36	36	36
MINIMUM HEAT OUTPUT PN (50/30 °C)	kW	3.6	3.6	3.55	2.9	3.9	3.9	3.9	3.9	3.6	3.6	3.6	3.6
MAXIMUM HEAT OUTPUT (PN) (80/60 °C)	kW	23.7	23.7	23.6	23.7	28	28	28	28	33	33	33	33
MINIMUM HEAT OUTPUT (PN) (80/60 °C)	kW	3.0	3.0	3.2	2.5	4.9	4.9	4.9	4.9	5.7	5.7	5.9	5.9
TEMPERATURE SELECTION RANGE (MIN÷MAX) HIGH TEMPERATURE	°C	25÷ 80											
TEMPERATURE SELECTION RANGE (MIN÷MAX) LOW	°C	25÷ 47											
OPERATING PRESSURE (MAXIMUM/MINIMUM)	bar	3/0.5				3/0.5				3/0.5			
VOLUME OF THE EXPANSION TANK	L	7/8				7/8				7/8			
MAXIMUM PUMP HEAD (Q= 0 M3/H)	mH2O	6,2				7.6				7.6			
MAX. PUMP CAPACITY	m³/h	2,3				2,5				2,5			
PUMP ENERGY EFFICIENCY INDEX	EEI	≤ 0.20				≤ 0.20				≤ 0.20			
DOMESTIC HOT WATER CIRCUIT													
ENERGY EFFICIENCY CLASS		A				A				A			
DECLARED LOAD PROFILE		L		XL		XL				XL			
ENERGY EFFICIENCY	%	81		84		83				82			
MAXIMUM GAS CONSUMPTION	m³/h	2.38	2.85	0.73	0.92	3.05	3.05	1.18	1.18	3.4	3.4	1.3	1.3
MODULATION RATE		14/100				14/100				14/100			
MAXIMUM HEAT INPUT ACS	kW	25.8				35				38.8			
MINIMUM HEAT INPUT ACS	kW	3.5				3.75				4.35			
MAX. MINIMUM/(MAXIMUM) ACS FLOW RATE: Δt: 30°C/: 35°C)	L/min	1.5/(12/11)				1.5/(16.5/14)				1.5/(18.2/15.5)			

TECHNICAL DATA		VESUVIUS 24				VESUVIUM 28				VESUVIUM 33			
ACS PRESSURE (MINIMUM/MAXIMUM)	bar	0.5/10											
TEMPERATURE ADJUSTMENT RANGE	°C	35-60											
ELECTRICAL CIRCUIT/PROTECTION INDEX	IP	IPX5D											
ELECTRICITY	V	230 V +%10; -%15											
ELECTRICITY (MIN./MAX.)	Watts	55/95				104/60				115/65			
EXHAUST GAS CIRCUIT		G20	G25	G30	G31	G20	G25	G30	G31	G20	G25	G30	G31
(80/60 °C) EXHAUST GAS TEMPERATURE (MIN./MAX.)	°C	69/71	65/70	57/70	60/70	61/66		58/65		57/62		58/67	
(50/30 °C) EXHAUST GAS TEMPERATURE (MIN./MAX.)	°C	49/51	48/49	43/57	47/51	45/45		43/45		47/44		49/49	
MAXIMUM EXHAUST GAS TEMPERATURE [MAXIMUM ACS MODE].	°C	70				70				70			
WEIGHTED NOX VALUE (GCV) (NOX CLASS: 6)	mg/kWh	20	19	42	31	41		49		34		53	
DIMENSIONS (H X W X D)	mm	725x420x288											
SOUND LEVEL	dB(A)	52				54				50			
MAXIMUM FLUE LENGTH (Ø60/100 MM) [HORIZONTAL*/(VERTICAL*)	m	10/11				10/11				10/11			
NET WEIGHT/PACKED WEIGHT	kg	32.6/33.8				34.7/35.9				35.5/36.7			
TYPE		B23, B23P, B33, B33P, B53, B53P, C13, C33, C43, C53, C63, C83, C93, C103											

1. Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters a return temperature of 50 °C.
2. High-temperature operation means a return temperature of 60 °C at the heater inlet and a supply temperature of 80 °C at the heater outlet.

* At the maximum chimney distance, the length of the chimney must be reduced by 1 metre for each 90° bend and by 0.5 metres for each 45° bend.