

Technical data

Model	SND 30_19	SND 30_24
Output in kW	19	24
Product ID number	-	
Oil burner	HBU 21_20	HBU 21_26
Steinen oil nozzle	ST 80° 0,40gph	ST 80° 0,50gph
Boiler heat output range in kW, 50/30° C	-	
Boiler heat output range in kW, 80/60° C	17 - 20,5	21 - 25
Boiler heat output range in kW	18,3 - 22	22,8 - 27,5
Efficiency rated output 80/60°C in %	92,3	
Efficiency rated output 50/30°C in %	-	
Efficiency 0.3 x rated output, 40°C in %	-	
NOx - Klasse	5	
Room heating energy efficiency class	B	
Abgasanschluss	130	
Connection height flue gas nozzle with horizontal storage / base / feet in mm"	1090 ²⁾ / 84 ²⁾ / 540 ²⁾	
Boiler height with horizontal storage/base/feet in mm "	1435 ²⁾ / 1185 ²⁾ / 885 ²⁾	
Boiler depth in mm with/without unit hood	770 / 455	
Boiler width in mm	600	
Boiler weight in kg	105	
Boiler water content in ltr.	12,8	
Water content of flue gas heat exchanger in ltr.	-	
Resistance on heating-gas end in mbar	0,05	0,11
Front-return connection (internal thread)	5/4"	
max. operating pressure in bar	3	
Flue gas mass flow rate (max.) in g/s	9,84	11,55
Pressure flue gas side in Pa	7 ⁴⁾	13 ⁴⁾
Nominal flue gas temperature in °C	158	176
Electrical connection (VAC / Hz)	1, N, PE / 230V, 50Hz	
Fuse	F6A	

Horizontal tank	TS 150
Horizontal tank capacity in ltr.	150
Front-return boiler connection (internal thread)	1"
Hot-cold water (outer thread)	3/4"
Tank weight in kg	95
Tank height including feet in mm	575
Tank width in mm	600
Tank length in mm	1030
max. operating pressure in bar	10

2) Flue pipe middle

4) recommended chimney draft in Pa