

**(NEW Turbo Condensing - 13/ 17/ 21)**

Type		NEW TURBO CONDENSING-13	NEW TURBO CONDENSING-17	NEW TURBO CONDENSING-21
Condensing boiler	[Yes/No]	YES	YES	YES
Low temperature boiler	[Yes/No]	NO	NO	NO
B11 boiler	[Yes/No]	NO	NO	NO
Cogeneration space heater	[Yes/No]	NO	NO	NO
If yes, equipped with a supplementary heater	[Yes/No]	-	-	-
Combination heater	[Yes/No]	YES	YES	YES
Item	Symbol (Unit)	NEW TURBO CONDENSING-13	NEW TURBO CONDENSING-17	NEW TURBO CONDENSING-21
Rated heat Output	$P_{rated}$ (kW)	14.4	18.6	24.5
Useful heat output at rated heat output and high-temperature regime	$P_4$ (kW)	14.29	18.52	24.74
Useful heat output at 30% of rated heat output and low-temperature regime	$P_1$ (kW)	4.61	5.62	7.88
Auxiliary electricity consumption at full load	$e_{max}$ (kW)	0.095	0.095	0.104
Auxiliary electricity consumption at part load	$e_{min}$ (kW)	0.047	0.047	0.050
Auxiliary electricity consumption in standby mode	$P_{SB}$ (kW)	0.004	0.004	0.004
Seasonal space heating energy efficiency	$\eta_s$ (%)	91.11	91.11	91.88
Useful efficiency at rated heat output and high-temperature regime	$\eta_4$ (%)	91.36	91.36	91.33
Useful efficiency at 30% of rated heat output and low-temperature regime	$\eta_1$ (%)	97.93	97.93	97.56
Standby heat loss	$P_{stby}$ (kW)	0.112	0.112	0.112
Ignition burner power consumption	$P_{inq}$ (kW)	0	0	0
Emissions of nitrogen oxides	$NO_x$ (mg/kWh)	115	110	99
Declared load profile	(M, L, XL)	L	L	XL
Daily electricity consumption	$Q_{elec}$ (kWh)	0.152	0.159	0.163
Water heating energy efficiency	$\eta_{wh}$ (%)	82	82	82
Daily fuel consumption	$Q_{fuel}$ (kWh)	14.557	18.725	23.828

### (NEW Turbo Condensing - 25/ 30/ 35)

Type		NEW TURBO CONDENSING-25	NEW TURBO CONDENSING-30	NEW TURBO CONDENSING-35
Condensing boiler	[Yes/No]	YES	YES	YES
Low temperature boiler	[Yes/No]	NO	NO	NO
B11 boiler	[Yes/No]	NO	NO	NO
Cogeneration space heater	[Yes/No]	NO	NO	NO
If yes, equipped with a supplementary heater	[Yes/No]	-	-	-
Combination heater	[Yes/No]	YES	YES	YES
Item	Symbol (Unit)	NEW TURBO CONDENSING-25	NEW TURBO CONDENSING-30	NEW TURBO CONDENSING-35
Rated heat Output	$P_{rated}$ (kW)	28.4	33.8	39.4
Useful heat output at rated heat output and high-temperature regime	$P_4$ (kW)	28.46	33.82	39.56
Useful heat output at 30% of rated heat output and low-temperature regime	$P_1$ (kW)	9.04	10.15	12.56
Auxiliary electricity consumption at full load	$e_{max}$ (kW)	0.120	0.122	0.122
Auxiliary electricity consumption at part load	$e_{min}$ (kW)	0.066	0.066	0.066
Auxiliary electricity consumption in standby mode	$P_{SB}$ (kW)	0.004	0.004	0.004
Seasonal space heating energy efficiency	$\eta_s$ (%)	91.70	92.27	92.27
Useful efficiency at rated heat output and high-temperature regime	$\eta_4$ (%)	91.58	91.48	91.48
Useful efficiency at 30% of rated heat output and low-temperature regime	$\eta_1$ (%)	97.51	97.60	97.60
Standby heat loss	$P_{stby}$ (kW)	0.152	0.164	0.164
Ignition burner power consumption	$P_{inq}$ (kW)	0	0	0
Emissions of nitrogen oxides	$NO_x$ (mg/kWh)	92	94	95
Declared load profile	(M, L, XL)	XL	XL	XL
Daily electricity consumption	$Q_{elec}$ (kWh)	0.189	0.159	0.153
Water heating energy efficiency	$\eta_{wh}$ (%)	80	75	71
Daily fuel consumption	$Q_{fuel}$ (kWh)	24.694	26.258	28.512