

		Intec 12 System	Intec 30 System
Norminal heat input D.H.W	MJ/h (kW)	-	-
Nominal heat input HEATING (NG/LPG)	MJ/h (kW)	49.2 (12.3)	121.6 (30.4)
Minimum heat input D.H.W	MJ/h (kW)	-	-
Minimum heat input HEATING (NG/LPG)	MJ/h (kW)	9.8 (2.5)	23.6 (5.9)
Norminal heat output D.H.W	kW	-	-
Nominal heat output HEATING (NG/LPG)	kW	12.0	30.0
Minimum heat output D.H.W	kW	-	-
Minimum heat output HEATING (NG/LPG)	kW	2.3	5.7
Minimum D.W.H. circuit pressure	bar	-	-
Minimum D.H.W. withdrawl	l	-	-
D.H.W. production in continuous service (DT=30°C)	l/min	-	-
D.H.W. production in continuous service (DT=25°C)	l/min	-	-
* Efficiency 80/60 Nom./Min.	%	97.4/93.5	98.6/96.7
* Efficiency 50/30 Nom./Min.	%	107.0/102.7	108.0/105.9
* Efficiency 40/30 Nom./Min.	%	107.1/107.1	109.0/106.0
Heat loss at casing with burner On/Off	%	0.3/0.88	0.2/0.48
Heat loss at flue with burner On/Off	%	2.3/0.02	1.2/0.01
Central heating circuit max. operating pressure	kPa	300	300
Central heating circuit max. operating temperature	°C	90	90
Adjustable central heating temperature	°C	20 - 85	20 - 85
System expansion vessel total volume	l	8.0	8.0
Expansion vessel factory-set pressure	bar	1	1
Water content in generator	l	2.65	2.30
Available head ar 1000 l/h flow rate	kPa (m H ₂ O)	17.1 (1.7)	26.4 (2.7)
Weight of full boiler	kg	35.65	41.1
Weight of empty boiler	kg	33.0	38.8
Electrical connection	V/Hz	230/50	230/50
Power input	A	0.54	0.66
Installed electric power	W	120	140
Pump consumption	W	89	92
Fan power consumption	W	17	27
NO _x class		5	5
Weighted NO _x	mg/kWh	29.0	36.0
Weighted CO	mg/kWh	20.4	27.0
Electrical protection index		IPX5D	IPX5D
Standard frost protection	°C	-5	-5