



- Control panel with LCD display and regulation knobs
- Hydraulic group with 3 way electric valve
- Full anti-frost device
- Connection to Baxi integrated solar systems option
- Outdoor sensor option



Control panel
Thanks to the control panel with knobs and LCD display, you can easily select temperatures and control the diagnostics

Hydraulic systems

3 way electric diverter valve (240Fi, 280Fi, 240i) ⁽¹⁾
Steel burner
Primary exchanger made of copper pipes protected with anticorrosion coating
Stainless steel DHW heat exchanger (240Fi, 280Fi, 240i)
Automatic by-pass
System to prevent pump and diverter 3 way valve sticking operating every 24 hours
Central heating relief valve set at 3 bar

Thermoregulation system

Two heating temperatures possible ranges: 30/85°C, 30/45°C
Built-in climatic regulation (outdoor sensor available as optional)

Control system

Overheat limit thermostat for the water/flue exchanger
Hydraulic pressure switch to prevent boiler's operating in event of low water
Pressure switch to ensure safe discharge of flue products (fanned flue models)
Flue thermostat to ensure safe discharge of flue products (open flue models)
Electronic temperatures control by NTC sensors
Full anti-frost device
Electronic thermometer
Central heating pressure gauge

(1) In the heating only models, the electric diverter valve is available as optional

	Combi			Heating only [▲]		
	Fanned flue	Open flue		Fanned flue	Open flue	
	240Fi	280Fi	240i	1,240Fi	1,240i	
Maximum heat input	kW	25,8	30,1	26,3	25,8	26,3
Minimum heat input	kW	10,6	11,9	10,6	10,6	10,6
Maximum heat output	kW	24	28	24	24	24
Minimum heat output	kW	9,3	10,4	9,3	9,3	9,3
Maximum efficiency	%	92,9	93,1	91,2	92,9	91,2
Energetic efficiency (92/42/CEE)		★★★	★★★	★★	★★★	★★
Efficiency at 30%	%	90,2	90,8	90,29	90,2	90,29
Minimum working temperature	°C	-5	-5	-5	-5	-5
Expansion vessel/pre-charge	l/bar	8/0,5	10/0,5	8/0,5	8/0,5	8/0,5
Heating system max pressure	bar	3	3	3	3	3
Regulation of water temperature in heating circuit	°C	30/85	30/85	30/85	30/85	30/85
		30/45	30/45	30/45	30/45	30/45
Regulation of water temperature in DHW circuit	°C	35/60	35/60	35/60	5/60*	5/60*
DHW production ΔT 25°C	l/min	13,7	16	13,7	-	-
Minimum capacity DHW flow rate	l/min	2	2	2	-	-
Minimum pressure on DHW circuit	bar	0,15	0,15	0,15	-	-
Maximum pressure on DHW circuit	bar	8	8	8	-	-
Flue tube	Ø mm	-	-	120	-	120
Coaxial flue system Ø 60/100	m	5	4	-	5	-
Dual flue system Ø 80 max length	m	40	25	-	40	-
Maximum flue mass flow rate	kg/s	0,016	0,018	0,019	0,016	0,019
Minimum flue mass flow rate	kg/s	0,017	0,019	0,017	0,017	0,017
Maximum flue temperature	°C	135	140	110	135	110
Dimensions (h x w x d)	mm	760x450x345				
Net weight	kg	38	40	33	32	28
Gas type		Nat. gas/LPG				
Power consumption	W	135	165	80	135	80
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

* with 80/120 lt cylinder

[▲] Heating only models are connectable to UB-UB INOX 80/120 lt. See page 31 for sanitary performance.