

# pulsar D



**WESTEN**  
The smart choice for your home comfort

Maximum efficiency for a great comfort in compact dimensions!



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## Maximum efficiency for a great comfort in compact dimensions!

Westen introduces a new range of gas wall hung boilers, Pulsar D. Pulsar D is distinguished by compact dimensions (730x400x299) which grant the maximum space saving, easy installation and easiness of use. The wide range of models up to 24 kW output, fanned flue or open flue, combi or heating only are designed to satisfy any comfort need.

- > Digital control panel with wide LCD display
- > ★★★ energy efficiency (fanned flue models)
- > Compact hydraulic group with 3 way electric valve
- > Primary exchanger made of copper pipes protected with anti-corrosion coating
- > Stainless steel DHW exchanger
- > Automatic by-pass
- > Full anti-frost device
- > 3 way electric valve on the CH return circuit to protect the boiler from temperature shocks
- > Extractable filter on the CH circuit to protect the primary exchanger from impurities
- > Connection to an indirect cylinder option (heating only models)
- > Low energy circulating pump with automatic air vent
- > System to prevent pump and electric 3 way valve sticking operating every 24 hours
- > Central heating relief valve set at 3 bar
- > Two heating temperature possible ranges: 30/85°C, 30/45°C
- > Built-in climatic regulation (outdoor sensor optional)
- > Easy maintenance: frontal access to all components

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		DHW PRODUCTION		HEATING ONLY			
		FANNED FLUE	OPEN FLUE	FANNED FLUE		OPEN FLUE	
		PULSAR D 24F	PULSAR D 24	PULSAR D 1.24 F	PULSAR D 1.14 F	PULSAR D 1.24	PULSAR D 1.14
Maximum heat input (nominal)	kW	25,8	26,3	26,3	15,4	26,3	15,4
Minimum heat input	kW	10,6	10,6	10,6	7,1	10,6	7,1
Maximum heat output (nominal)	kW	24	24	24	14	24	14
Minimum heat output	kW	9,3	9,3	9,3	6	9,3	6
Energy efficiency (92/42/CEE)		★★★	★★	★★★	★★★	★★	★★
Maximum efficiency (nominal)	%	92,93	91,2	92,93	92,5	91,2	90,9
Efficiency at 30% capacity	%	90,37	88	90,37	89,9	88	88,3
Expansion vessel	l/bar	6/0,5	6/0,5	6/0,5	6/0,5	6/0,5	6/0,5
Heating system max pressure	bar	3	3	3	3	3	3
Regulation of water temperature in heating circuit	°C	30/85	30/85	30/85	30/85	30/85	30/85
		30/45	30/45	30/45	30/45	30/45	30/45
Regulation of water temperature in DHW circuit	°C	35/60	35/60	5/60*	5/60*	5/60*	5/60*
Continuous domestic hot water production ΔT 25°C	l/min	13,7	13,7	-	-	-	-
Continuous domestic hot water production ΔT 35°C	l/min	9,8	9,8	-	-	-	-
Minimum capacity DHW flow rate	l/min	2	2	-	-	-	-
Minimum pressure on DHW system	bar	0,15	0,15	-	-	-	-
Maximum pressure on DHW circuit	bar	8	8	-	-	-	-
Dimensions:	height	mm	730	730	730	730	730
	width	mm	400	400	400	400	400
	depth	mm	299	299	299	299	299
Flue tube	ø mm	-	120	-	-	120	110
Coaxial/Dual flue tube	ø mm	60-100/80	-	60-100/80	60-100/80	-	-
Net weight	kg	33	29	32	31	28	26
Gas type		Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG	Methane/LPG
Grade of protection		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D	IPX5D

\* with 80/120 it cylinder

Distributed by:

**WESTEN**

Via Trozzetti, 20 - 36061 Bassano del Grappa - Italy Tel. +39 0424 517111 - Fax +39 0424 38089  
westen@westen.eu - www.westen.eu

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