

GAS CONDENSING BOILERS

ECOCONDENS CRYSTAL II PLUS



SYSTEM BOILERS:

ECOCONDENS CRYSTAL II PLUS 20 power: 3,0 - 22,0 kW (50/30°C)

ECOCONDENS CRYSTAL II PLUS 25 power: 4,3 - 26,5 kW (50/30°C)

ECOCONDENS CRYSTAL II PLUS 35 power: 9,4 - 38,8 kW (50/30°C)

COMBI BOILERS:

C.H.

ECOCONDENS CRYSTAL II PLUS 20 power: 3,0 - 22,0 kW (50/30°C)

ECOCONDENS CRYSTAL II PLUS 25 power: 4,3 - 26,5 kW (50/30°C)

ECOCONDENS CRYSTAL II PLUS 35 power: 9,4 - 38,8 kW (50/30°C)

D.H.W.

power: 2,7 - 25,0 kW (80/60°C)

power: 3,9 - 30,0 kW (80/60°C)

power: 8,4 - 40,2 kW (80/60°C)

TECHNICAL FEATURES

- modulating pump (PWM signal) with automatic air vent
- modern heat exchanger
 - outer casing made of aluminium
 - single spacious coil of heat exchanger made of stainless steel
 - ensures constant water flow over a long lifecycle
 - reduces debris accumulation
- modulation range: 12%-100%
- weather compensation available
- **OPEN-THERM** system available
- low level of NOx emission (NOx - 6 class)
- modern control panel with electronic display
- possibility to combine into the cascade system

ACCESSORIES



WIRELESS/WIRE, WEEKLY PROGRAMMABLE
room temperature regulator
termet ST-292 V2 - wireless
termet ST-292 V3 - wire



EVOHOME CENTRAL CONTROLLER with WI-FI



OPEN-THERM
type **CR 11011**



WI-FI SMART THERMOSTAT

D.H.W. SYSTEM

SYSTEM BOILERS

- work with domestic hot water tank by three-way valve (pre-installed in the boiler)

COMBI VERSION

High comfort of d.h.w. at Δt 30°C:

- 12,0 l/min (ECOCONDENS CRYSTAL II PLUS 20)

- 14,0 l/min (ECOCONDENS CRYSTAL II PLUS 25)

- 19,0 l/min (ECOCONDENS CRYSTAL II PLUS 35)

TECHNICAL DATA

PARAMETERS	SYSTEM BOILERS			COMBI BOILERS			
	20 kW	24 kW	35 kW	20 kW	24 kW	35 kW	
Seasonal space heating energy efficiency class	A			A			
Rated heat output	P _{rated} kW	20	24	35	20 - c.h. 25 - d.h.w.	24 - c.h. 30 - d.h.w.	35 - c.h. 40 - d.h.w.
Annual energy consumption	Q _{HE} GJ	40	47	68	40	47	68
Seasonal space heating energy efficiency	η _s %	93	94	95	93	94	95
Modulation range	%	13-100	16-100	12-100	13-100	16-100	12-100
Maximum central heating water pressure	bar	3	3	3	3	3	3
Declared load profile		-	-	-	L	L	XL
Water heating energy efficiency class		-	-	-	A	A	A
Water heating energy efficiency	η _{WH} %	-	-	-	80	79	83
Water flow at Δt 30°C	l/min	-	-	-	12,0	14,0	19,0
Water pressure in d.h.w. circuit	bar	-	-	-	0,1-6,0	0,1-6,0	0,1-6,0
Sound power level	L _{WA} dB	48	48	48	48	48	48
Annual fuel consumption	AFC GJ	-	-	-	12	12	19
Chimney connection	mm	Concentric Ø80/Ø125, Ø60/Ø100 or 2 single Ø80					
Dimensions (height x width x depth)	mm	785x400x334	785x400x334	785x400x334	758x400x334	785x400x334	785x400x334
Net weight	kg	32	33	36	33	34	37

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