



PEGA – high-quality and first-class

Wall-mounted gas condensing boiler | rated heat output: 1.8 - 40 kW

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The compact PEGA series of gas condensing devices has long set standards in terms of efficiency, convenience and flexibility. The latest generation continues the tradition with a new design. PEGA is available in various versions and power levels in the customary configuration. Outputs ranging from 1.8 - 40 kW and its one-of-a-kind modulation fulfil every wish.

At its core: a stainless steel heat exchanger

The PEGA gas condensing device from HANSA meets the highest demands in terms of heat generation and water heating. The high-end product is equipped with a high-quality flue gas heat exchanger and is ideal when building a new home or renovating an existing home.



» Stainless steel heat exchanger – long-lived and efficient

The durable stainless steel heat exchanger is at the core of the device and is made of a doublewalled curved Laserfin tube with the highest grade of stainless steel alloy 1.4404. The heat exchanger was developed by HANSA itself and has proven its effectiveness for years. In addition to its efficiency, it also doesn't leave behind any residue and no extra agents are needed for cleaning. Stable operation is guaranteed!

Tidied up and well organised

The device is readily accessible from the front andall parts are clearly arranged meaning that mounting and servicing can be performed quickly and easily.

The connections are easy to recognise and can be easily plugged together, which prevents installation errors. The device has a plain text display and



Advantages at a glance

- >> Unparalled output range from 1.8 40 kW
- » Maximum modulation range 1:20
- >> Hot water output as a combi-device: 15 l/min at 55 °C
- » High-quality, long-lived HANSA stainless steel heat exchanger
- » Incl. weather-compensated control
- » Compact dimensions
- » Quiet operation at the lowest output
- » Easily accessible due to removable side panels
- » Convenient maintenance and as a result, reduced maintenance costs
- » Installation of high-quality components Made in Germany



is very easy to service in terms of operation and maintenance. Maintenance costs are also reduced at the same time.

Outstanding

Only high-quality components are used in production – Made in Germany. The spare parts can be purchased at affordable prices.

Its space-saving dimensions ensure that the device fits into even the smallest corner. It runs almost silently thanks to the sound-proofed housing and the low cycle times.

Economical and effective

The use of efficient gas condensing technology saves heating costs through low-pollution combustion and, depending on the how the system is configured, efficiency of 110 % can be achieved.

Wide range of possibilities

With a broad modulation range of 1:20 and an output range of up to 40 kW, it can be used for almost any application.

- >> Home renovation and new home
- Another highlight is its high hot water output as a combi-device in the amount of 15 l/min at 55 °C
- HANSA TUW hot water tanks holding 120 or 160 litres can also be used as storage solutions
- Controller accessories for multiple heating circuits and floor heating available
- » Can be combined with solar heating









All components are readily accessible from the front, which minimises the amount of work required. Plain text is shown on the display and diagnostic connection for data analysis at the front.

Technical data

Model	PEGA 25_18 heating device	PEGA 25_18 combi device	PEGA 25 heating device	PEGA 25 combi device	PEGA 40 heating device	PEGA 40 combi device
Gas device category DE	II _{2ELL3P}	II _{2ELL3P}	II _{2ELL3P}	II _{2ELL3P}	II _{2ELL3B/P}	II _{2ELL3B/P}
Product ID number	CE-0085BT0288	CE-0085BT0288	CE-0085BT0288	CE-0085BT0288	CE-0085BT0288	CE-0085BT0288
Boiler heat output range in kW, 50/30 °C	2.2 - 19.1	2.2 - 19.1	2.2 - 26.1	2.2 - 26.1	3.8 - 38	3.8 - 38
Boiler heat output range in kW, 80/60 °C	1.9 - 17.2	1.9 - 17.2	1.9 - 24.2	1.9 - 24.2	3.4 - 35.6	3.4 - 35.6
Boiler heat output range in kW	2.0 - 18	2.0 - 18	2.0 - 25	2.0 - 25	3.5 - 36.6	3.5 - 36.6
Efficiency rated output 80/60 °C in %	96.72	96.72	96.72	96.72	97.25	97.25
Efficiency 0.3 x rated output, 30 °C in %	110.01	110.01	110.01	110.01	107.65	107.65
Energy efficiency in accordance with efficiency directive	****	****	****	****	****	****
NOx - class	5	5	5	5	5	5
Room heating energy efficiency class	А	А	А	А	А	А
XXL hot water energy efficiency class	-	А	-	А	-	А
Incoming air flue gas connection (diameter) in mm	80/125	80/125	80/125	80/125	80/125	80/125
Type of flue gas discharge	B23, C13x, C33x, C43x, C53x, C63x, C83x					
Dimensions (height/width/depth) in mm	750 / 400 / 325	750/400/325	750/400/325	750 / 400 / 325	750 / 400 / 325	750/400/325
Boiler weight in kg	45	45	45	45	45	45
Heating flow/return connection (male thread)	G ¾", flat sealing					
Cold and hot water connection (male thread)	-	G 1⁄2"	-	G 1⁄2"	-	G 1⁄2"
Flow/return tank (male thread)	G 1⁄2"	-	G 1⁄2"	-	G 1⁄2"	-
Gas connection (male thread)	R ¾", conical	R ¾", conical	R ¾", conical	R ¾", conical	R ¾", conical	R ¾", conical
Condensate drain	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
max. operating pressure in bar	3	3	3	3	3	3
max. drinking water pressure in bar	-	10	-		-	10
max. permissible drinking water hardness in mol/m³	-	2.7*	-	2.7*	_	2.7*
max. drinking water rated output in kW	-	25	-	25**	-	36.6
Hot drinking water continuous output (Δt =35K in l/min)	-	10.2	-	10.2	-	15
Flue gas mass flow rate (max.) in g/s	12.4	12.4	12.4	12.4	18.2	18.2
Pressure flue gas side in Pa	220	220	220	220	220	220
Normal flue gas temperature in °C	76	76	76	76	76	76
Electrical connection (VAC / Hz)	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
max. electrical power consumption in W	130	130	130	130	130	130

* corresponds to 15°dH or 27°fH or 19°e

** Hot water output



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