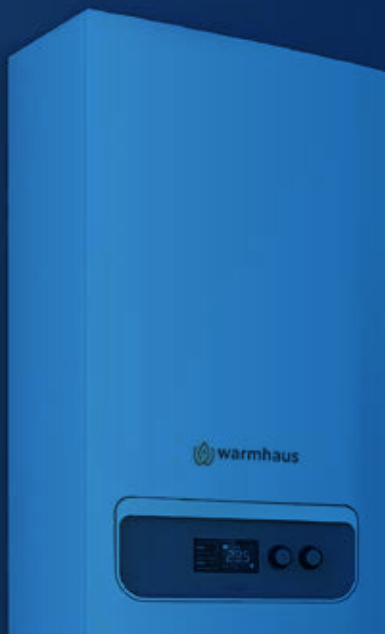




24 - 28 kW

Conventional Combi Gas Boiler

Lawa / Lawa*Plus*

Conventional Combi Gas Boilers

Warmhaus wall-hung gas combi boilers Lawa and LawaPlus, with the advantage of its width as 288mm, are easily fit to narrow places to assemble.



All-in-one smart digital display with push buttons

LawaPlus Control Panel Features

- » 3" LCD - Black and Orange display and black digits symbols colors control panel with 6 push-buttons: MODE, RESET, CH and DHW easy digital buttons for the hot water and heating water temperatures
- » Visuals of hot water temperature and heating temperature on LCD screen
- » Flame modulation indicator
- » $\pm 1^\circ\text{C}$ temperature sensitivity
- » Digital manometer showing the pressure
- » Auto- diagnosis codes & identification system
- » Different working parameters conventional combi gas boilers

General Features

- » 24 kW, 28 kW with different power
- » 93.9% High Efficiency
- » Copper Heat Exchanger
- » Continuous Hot Water
- » 10 mm whole body insulation
- » Silent Operation
- » Low Heat Loss
- » 8 Liter Expansion Tank
- » Pre-heat System / DHW Comfort
- » Child Lock
- » 3" LCD display (LawaPlus)
- » ± 1 degree heat sensitivity
- » Stainless steel domestic hot water heat exchanger
- » Strong circulation pump (6 mH₂O) with 3 speed stage
- » Low pressure safety
- » Double NTC sensor system
- » Weekly adjustable digital room thermostats (optional)
- » Outdoor temperature sensor (optional)



LawaPlus 24
LawaPlus 28

Lawa Conventional Combi Boilers



Easy-to-use LCD display with knobs and push buttons

Lawa Control Panel Features

- » 2" LCD control panel - Dark blue display and white digits-symbols colors
- » MODE and RESET buttons
- » Easy analog buttons for the hot water and heating
- » Flame modulation indicator
- » ± 1 °C temperature sensitivity
- » Auto - diagnosis codes & identification system
- » Different working parameters conventional combi gas boilers

General Features

- » 24 kW, 28 kW with different power
- » 93.9% High Efficiency
- » Copper Heat Exchanger
- » Continuous Hot Water
- » 10 mm whole body insulation
- » Silent Operation
- » Low Heat Loss
- » 8 Liter Expansion Tank
- » Pre-heat System / DHW Comfort
- » Child Lock
- » 2" LCD display (Lawa)
- » ± 1 degree heat sensitivity
- » Stainless steel domestic hot water heat exchanger
- » Strong circulation pump (6 mH₂O) with 3 speed stage
- » Low pressure safety
- » Double NTC sensor system
- » Weekly adjustable digital room thermostats (optional)
- » Outdoor temperature sensor (optional)



Lawa 24

Lawa 28

MORE ECONOMIC + MORE EFFICIENT

Earn with smart solutions and ideas

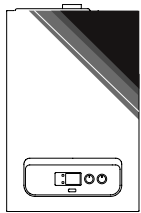
New generation Warmhaus combi boilers differ from the other conventional ones by their high efficiency & less gas consumption while perfectly heating up your house.



New Generation
Economic
Combi Boilers



The Features of Lawa & LawaPlus



**10
mm**



SILENT

SILENCE

By the 10 mm cover isolation, Warmhaus gas boilers works in silence and avoids heat loss.



COMPACT DIMENSIONS

It fits in narrow areas with its compact dimensions.

W: 420 mm
H: 725 mm
D: 288 mm



HIGH EFFICIENCY

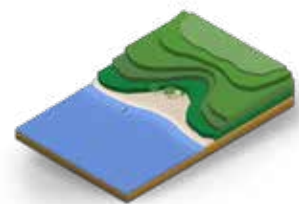
Provides 93,9 % efficiency, low emission and low noise levels inside the fully isolated hermetic body with perfect harmony of Italian Polidoro burner and Condevo copper heat exchanger



SMART 3" LCD DISPLAY

WIDE INFORMATION DISPLAY

LCD display shows the temperature of DHW, CH and system pressure on the same screen



PRESSURE SENSITIVE BOILER

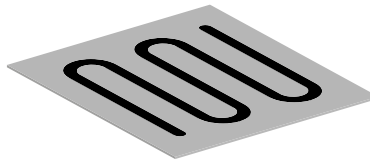
Provides maximum efficiency by adjusting the altitude.



CONTINUOUS HOT WATER

ASYMMETRIC HEAT EXCHANGER SYSTEM

New generation heat exchanger provides high flow ratio with its wide asymmetric water-channels by its own design plates.



COMPATIBLE WITH FLOOR HEATING SYSTEMS

Operation compatible with floor heating systems with low temperature zone operation selection. Prevents the heating temperature from rising too high, preventing your heating system from being damaged and warming up without disturbing your comfort.



WORKS UNDER LOW PRESSURE

Works even at very low water pressure conditions

(only 0,15 bar = 1,5 l/min.)



> 6 mH₂O <

EFFECTIVE CIRCULATION

By three speed modes, the water pump provides 6 delivery head in m at 0 m³/h.

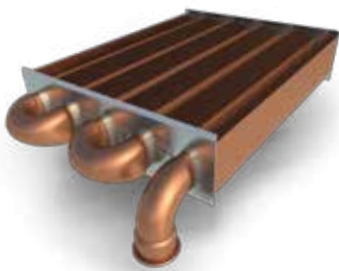


EXCELLENT PROCESS

8 LITER EXPLOSION TANK

The new generation expansion tank is able to provide 130-140 liters water to the system.

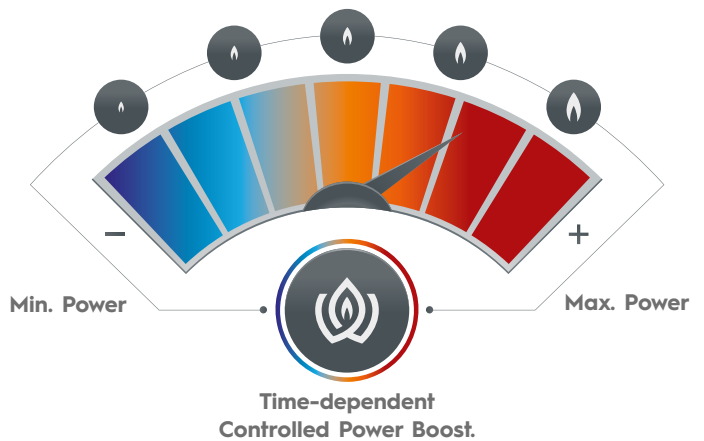
Smart Processor's Features of **Lawa & LawaPlus**



COPPER HEAT EXCHANGER

➤ EXCELLENT HEAT TRANSFER

Durable, heat resisted,
aluminum heat exchanger



➤ Outdoor Temperature Sensor (optional)

By the smart and accurate temperature regulations, Warmhaus combi boiler perceives the outside temperature changes, set the temperature itself and keeps you away from adjusting all the time

➤ Auto diagnosis system

Digital error codes provide easy and faster solution by calling services to solve the problem.

➤ Thermostatic time-lock

disables the gas boilers working in the unnecessary periods between 1 min to 10 mins.

➤ Controlled power boost

Warmhaus gas boiler distributes the heat power depend on time (0-13 min) and decreases the gas consumption while increasing the utilization efficiency

➤ Altitude parameter;

adjusted depending on the different altitudes and makes the burning more effective.

➤ By the B&P temperature

regulation thermostats, you are able to manage weekly programs with the room thermostats. (optional).

➤ Warmhaus Gas Boilers are totally adaptable with the solar systems.

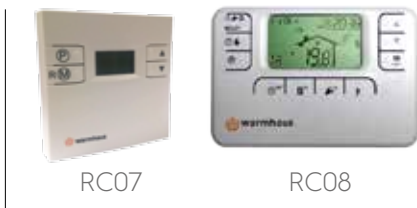
Electronic system card allows the system to adapt your existing **solar system** by combining the hot water input.

➤ The system is also adaptable with the floor heating systems.

It disables the overheating problem of the floor heating system and protects your boiler and installation.

Optional Remote Controls

Wired Remote Controls



Wireless Remote Controls



External Sensor

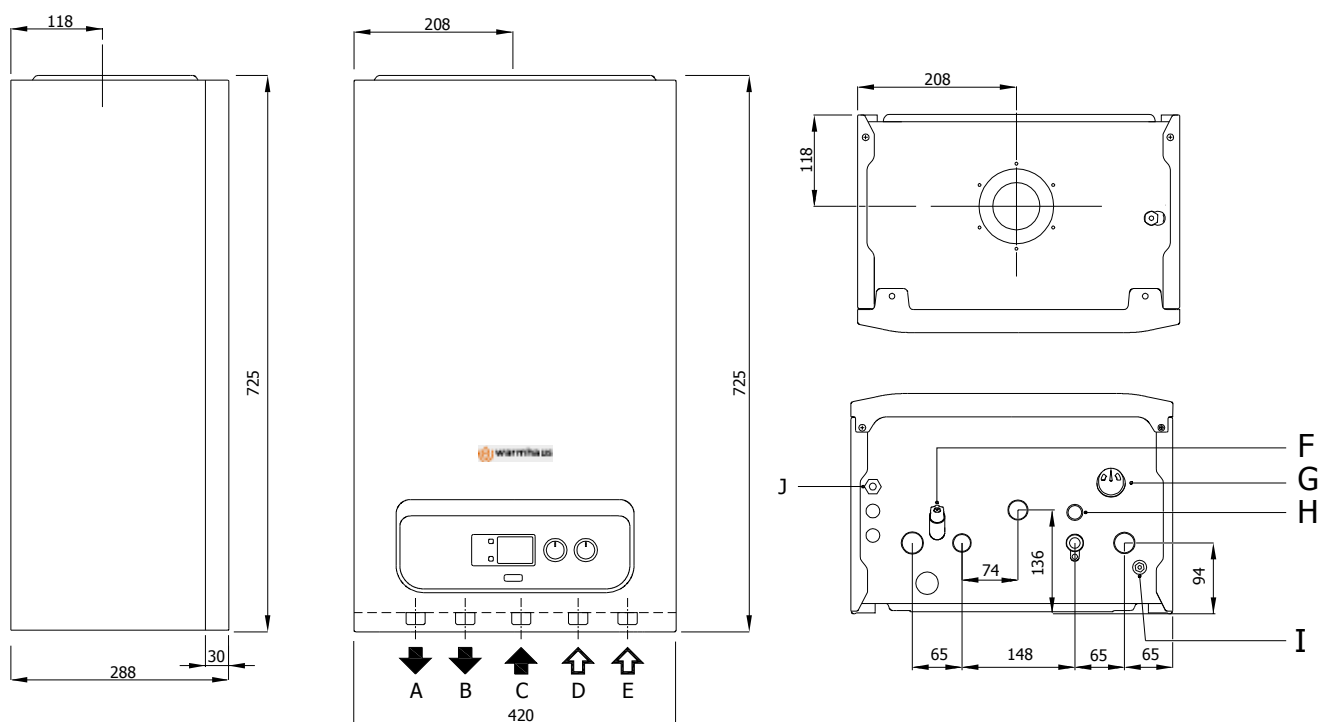


Combi boilers remote controls with room thermostat

Model	Model Code	Connection Type	Weekly Programmable	Control Type	Features
RC07	WT-07	Wired	✓	Modulated	(Entry model) 4 button, small display
RC08	WT-08	Wired	✓	Modulated	(Mid model) 10 button, wide display
KIT RFRC03	WT-03	Wireless	✓	Modulated	(Mid model) 10 button, wide display
External Sensor	WDHS-01	Wired		Modulation according to outdoor air temperature	Automatic operation with combi-boiler connection and replacement with parameter

Dimensions & Technical Specifications

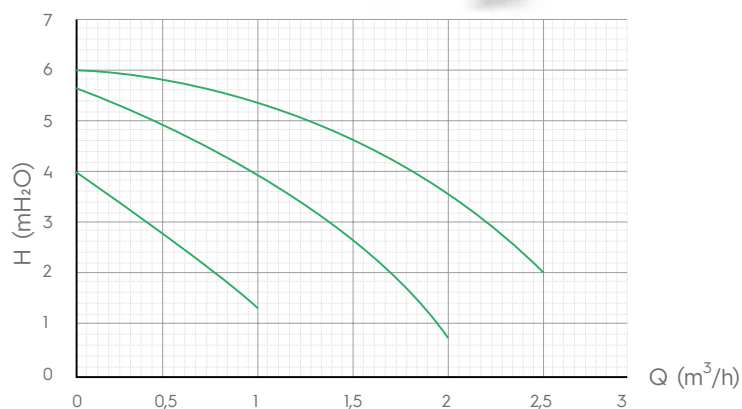
Connections



KEY

- A : Central Heating Flow
- B : Domestic Hot Water Outlet
- C : Gas Inlet
- D : Domestic Hot Water Inlet
- E : Central Heating Return
- F : Filling Valve
- G : Manometer
- H : Pressure Relief Valve Outlet
- I : Drain Point
- J : 230V 50HZ AC

PUMP FLOW PRESSURE GRAPHIC



TECHNICAL DATA	UNIT	Lawa 24 & LawaPlus 24	Lawa 24 & LawaPlus 24
CE certificate		CE-1015CR0543:16	CE-1015CR0543:16
Gas Circuit		Natural Gas	LPG
Gas Supply Pressure	mbar	20	37,8
Gas consumption at maximum heat load* (Hu= 9,59 kWh/m ³)	m ³ /h	2,50	0,97
Gas consumption at minimum heat load* (Hu= 9,59 kWh/m ³)	m ³ /h	0,88	0,33
Central Heating Circuit			
Maximum nominal CH Heat Output	kW	23,2	21,74
Minimum nominal CH Heat Output	kW	7,1	7
Maximum Heating Efficiency	%	93,9	93,77
Minimum Heating Efficiency	%	90,3	88,02
Temperature adjustment range	°C	35 - 80	35 - 80
Maximum operating pressure	bar	3	3
Minimum operating pressure	bar	0,5	0,5
Expansion tank useful volume	ℓitre	8	8
Pump Pressure (at 1000 l/h)	mH ₂ O	5,5	5,5
Pump Pressure (at 500 l/h)	mH ₂ O	5,8	5,8
Domestic Hot Water Circuit			
Maximum Domestic Hot Water Heat Output	kW	23,2	21,74
Minimum Domestic Hot Water Heat Output	kW	7	7
Max. Domestic Hot Water flow rate (Δt: 30 °C)	ℓ/min.	10,9	10,9
Min. Domestic Hot Water flow rate	ℓ/min.	1,5	1,5
Maximum water pressure	bar	10	10
Minimum water pressure	bar	1,5	1,5
Temperature adjustment range	°C	35 - 60	35 - 60
Electricity Circuit			
Electricity Supply	V AC - 50 Hz	230 V +10%; -15%	230 V +10%; -15%
Electricity Consumption	Watt	112	112
Protection Index	IP	X5D	X5D
Exhaust Gas Circuit			
Nominal Exhaust Gas Temperature (DHW & CH)	°C	124,3	111,8
Minimal Exhaust Gas Temperature (DHW & CH)	°C	96,4	89,1
Overheat Combustion Products Temperature (DHW & CH)	°C	140	135
Max. Flue Mass Flow Rate (60/80°C - Q _n) (DHW & CH)	g/s	14,89	28,39
Min. Flue Mass Flow Rate (60/80°C - Q _n) (DHW & CH)	g/s	14,11	24,27
NO _x	Class	2	3
CO ₂ (60/80°C - Q _n) (DHW & CH)	%	6,6	7,4
General			
Maximum/Minimum Ambient Temperature	°C	+10 / +48	+10 / +48
Hydraulic Group Material	Material	Brass	Brass
Dimensions (H x W X D)	mm	725 x 420 x 288	725 x 420 x 288
Device Weight	kg	29,3	29,3
Packed Device Weight	kg	32,5	32,5
Type		C12, C32, B22,	C12, C32, B22,
Category		I2H (G20 = 20 mbar) I3P (G31 = 37 mbar)	

Nilüfer Organize Sanayi Bölgesi
Park Caddesi No:10
Nilüfer / Bursa / Türkiye
T. +90 224 295 94 00
F. +90 224 411 23 77



24 - 28 kW

Conventional Combi Gas Boiler

Lawa / Lawa*Plus*