

# Omega

## Electric Heating Boiler



A new generation wall mounted combi boiler that uses only electricity: **Omega**


 Double function: Heating + Hot Water

 Eco friendly

 Economic thanks to micro processor control

 Electronic water temperature control thanks to NTC system

 Large digital screen

 Compatible with wireless room control

 Quite operation



Room controls are not included.

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## All In One Solution For Comfort

Electricity consumption of Omega boiler is highly efficient, thanks to its special inner design. Without any flue pipe connection, the boiler rapidly provides heating and domestic hot water.

### TECHNICAL SPECIFICATIONS

#### >> CAPACITY

> HEATING POWER	kW	6	10	12	15	18	24	30	32	35	40	50	60	80	100
Capacity	kcal/h	5160	8600	10320	12900	15480	20640	25800	27520	30100	34400	43000	51600	68800	86000
Maximum Working Pressure (Heating)	Bar	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Maximum Working Pressure (DWH)	Bar	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Heating Temperature Setting Range (min-max)	°C	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80	30-80
DWH Temperature Setting Range (min-max)	°C	—	—	30-55	30-55	30-55	30-55	30-55	30-55	30-55	30-55	—	—	—	—
DWH Production	lt/dk	—	—	5	6	9	11	13	13	13	13	—	—	—	—

#### >> DIMENSIONS

Height	mm	740	740	740	740	740	740	740	740	740	740	755	755	755	755
Length	mm	435	435	435	435	435	435	435	435	435	435	571	571	571	571
Width	mm	320	320	320	320	320	320	320	320	320	320	320	320	320	320

#### >> ELECTRICITY

Electricity Connection Cable (Triphase)	adet/mm2	-	4x4	4x4	4x4	4x6	4x6	4x10	4x10	4x10	4x10	4x16	4x16	3x25+16	3x25+16
Electricity Connection Cable (Monophase)	adet/mm2	2x6	2x10	2x10	—	—	—	—	—	—	—	—	—	—	—
Residual Circuit Current Breaker	A/mA	40-25/30	25/30	25/30	25/30	40/30	40/30	63/30	63/30	63/30	63/30	80/30	100/30	2x63/30	2x80/30
Voltage / Frequency	V-Hz	230/380/50	230/380/50	230/380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50
Maximum Current	A	26/9	43/15	52/18	22	27	36	46	48	53	61	75	90	120	152
Maximum Power Drawn	W	6098	10098	12098	15098	18098	24098	30098	32140	35140	40140	50140	60140	80140	100140
Electric Isolation Rate	IP	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D	X4D

#### >> INSTALLATION

Heating Installation Pipe Diameter	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"
Cold Water Inlet Pipe Diameter	inch	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Hot Water Installation Pipe Diameter	inch	—	—	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	—	—	—	—

## Omega Standarts

- Compact and aesthetic design.
- 99% efficiency.
- Supply of DHW at constant set temperature
- Rapid heating.
- Protection for high pressure with 3 bar safety ventile.
- Floor heating mode.
- Safe operation with automatic and manual air purger on heater tank and circulation pump.
- Manometer.
- Wilo circulation pump.
- Protection with 1 bar set safety key in case there is no water in the system.
- Residual current circuit breaker.
- Automatic by-pass.
- Modulation according to room temperature. (room control accessories are optional)
- Day and night time programme thanks to optional wireless room control.
- Electronic water temperature control with NTC system. ( sensitive temprature sensor)
- Electronic heating temperature setting thermostat.
- Limit thermostat protection for over heating.
- The boiler automatically runs in every 24 hours to prevent pump clogging.
- Test function at start up.
- Control panel with digital screen.
- Operational sound level is quieter than a library environment. (measured as 32 desibels in laboratory conditions)
- The damages to Omega's functions and components as a result of lime in water is minimized thanks to anti-lime system.
- All boiler models are produced for 380 V. Models with 6 kw, 10 kw and 12 kw can also be installed for 220 V. For 220 V, fuse and gauge amper value before gauge must be suitable.
- Safe installation anywhere around the house as long as there is no water or moisture.
- 3 years warranty subject to terms and conditions.
- 10 years spare part availability.



1. DIGITAL SCREEN
2. CONTROL KNOB
  - a. TEST (For Authorized Service)
  - b. DHW OFF
  - c. DHW ON / DHW TEMPRATURE SETTINGS
3. CONTROL KNOB
  - a. SUMMER MODE
  - b. OFF / RESET
  - c. WINTER MODE/ HEATING TEMPRATURE SETTINGS

**MAKTEK®**



**3 YEARS WARRANTY**



Customer Care Service

[sales@maktek.com.tr](mailto:sales@maktek.com.tr)

### Headquarters

**A** 10013 Sokak No:14 AOSB Çiğli - İZMİR  
**T** +90 232 449 50 00  
**F** +90 232 328 04 86

### Marmara Regional Office

**A** Seyit Nizam Mah. Demirciler Sitesi, 7.Yol, No:68 Zeytinburnu - İSTANBUL  
**T** +90 212 546 73 67 / +90 212 415 48 70  
**F** +90 212 415 96 87

**f** maktekgrup  
**📷** maktekofficial

[maktek.com.tr/en/](http://maktek.com.tr/en/)