

# Elmasonic E 15 H

## Ultrasonic cleaning unit

### Elma Order Nos.

Elmasonic E 15 H (230 V)	100 4625
Elmasonic E 15 H (115 V)	100 7159
Basket stainless steel	100 4209
Lid (plastic)	100 3280
Further accessories on request	



Pictured E 15 H

The new Elmasonic E units are available in 8 different sizes ranging from 0,5 litres to 28 litres. State of the art micro-processor controlled ultrasonic cleaning and sweep technology, easy to use.

Further advantages:

- high performance 37 kHz sandwich transducer systems
- cleaning tank made of cavitation-resistant stainless steel
- permanent sweep function for an optimised sound field distribution in the cleaning liquid by frequency modulation
- user-friendly and clear operating panel, splash water proof
- LED-Display for ultrasonic function and heating function
- Turning knob for setting continued and short-period operation from 1 to 30 min.
- temperature-controlled ultrasonic operation
- dry-run protected heating
- Turning knob temperature. Temperature range variable in 5°C steps from 30° up to 80°C
- plug-in mains supply

### Technical data

Mains voltage (Vac)	100-120 V/220-240 V	Weight (kg)	2,1
Mains frequency (Hz)	50 / 60	Material tank	stainless steel
Ultrasonic frequency (kHz)	37	Material casing	stainless steel
Power consumption total (W)	90	Drain	/
Ultrasonic power effective (W)	30	Carrying handles (plastic)	/
Ultrasonic peak performance max.**(W)	240	CE directive 89/336 EWG (EEC)	√
Heating power (W)	60	CE directive 73/23 EWG (EEC)	√
Unit outer dimensions W / D / H (mm)	175 / 180 / 212	Protection class	IP 20
Tank internal dimensions W / D / H (mm)	151 / 137 / 100		
Max. filling volume tank (lit. / gal.)	1,75 / 0.46		

\*\* E 15 H – E 30 H: impulse wave form; E 60 – E 300 H: standard sine-wave modulation  
The choice of the waveform has been matched to the relevant tank size. The signal form of the wave results in a factor 4 or 8 for the ultrasonic peak max., depending on the modulation of the wave.