



E/R 50-300



Cooler and water cooler/heater (vertical and hanging)

Water coolers allow to have a supply of cooled water available that, adequately measured out, can be used to obtain dough mixtures at a constant temperature independently from the ambient temperature. It is also an essential working tool for the modern bread-making process since an appropriate temperature control of dough mixture contributes to define the quality of the finished product.

Standard features

- Steel structural frame.
- Stainless steel bowl and outer paneling.
- Bowl heat insulation made of high-density resin.
- Mixing-water pump inside the bowl to confer uniformity of temperature.
- Hermetic cooler unit.
- Electronic thermo-regulator with visual display of both water temperature set and effective temperature in the bowl.
- Emergency ballcock and anti-flooding solenoid valve.
- Heating equipment composed of a battery of stainless steel armoured resistors (for coolers/heaters only).

- Installation and commissioning included
- Plant connections excluded

Configurations

- Vertical coolers to be placed on a support stand (option) or to be installed on a wall at customer's own expense. Water can be taken out by gravity feed or by water pump (option).
- Wall horizontal coolers with standard brackets for installation on the wall (at customer's own expense). Provided with: 15 liters/minute capacity water pump and electronic liter-counter. (reference water temperature: inlet + 18°C /outlet + 3°C).

Performance

- Standard coolers, suitable for a max. water outflow per hour equal to the nominal capacity of the bowl.
- Rapid coolers, equipped with reinforced cooler unit allowing water to be taken out up to 4 times per hour, each one equal to the nominal capacity of the bowl.
- Standard and rapid coolers with heater: in addition to the above mentioned performances, option of heating water. An only one electronic thermo-regulator activates the refrigerating group automatically or the heater unit according to water temperature set and the one effective in the bowl. Operating temperature: + 1°C + 35°C.

Accessories for vertical models

E/A 30L and E/A 60L Water pump (to take out water at a distance and to be combined with electronic water mixers and liter -counters).

E/C 30 Electronic liter-counter device.

CD/1 Coated support stand, 800 mm height.



VERTICAL MODELS

E/RR 50 N	Rapid cooler with heater - 50 L bowl .Max. cooled water output per hour (in +18°C - out +3°C) 200 liters (4 outflows - 50 L each). Electric heater up to 35°C. Voltage: single-phase 230 V
E/RR 100	Rapid cooler - 100 L bowl .Max. cooled water output per hour (in +18°C - out +3°C) 400 liters (4 outflows - 100 L each). Voltage: 400 V/3/50 Hz
E/RR 100 N	Rapid cooler with heater - 100 L bowl. Max. cooled water output per hour (in +18°C - out +3°C) 400 liters. (4 outflows - 100 L each) . Electric heater up to 35°C. Voltage: 400 V/3/50 Hz
E/R 200	Standard cooler – 200 L bowl .Max. cooled water output per hour (in +18°C - out +3°C) 200 liters.Voltage : single-phase 230 V.
E/R 300	Standard cooler – 300 L bowl .Max. cooled water output per hour (in +18°C - out +3°C) 300 liters .Voltage: 400 V/3/50 Hz



ACCESSORIES FOR VERTICAL MODELS

CD/1	Coated steel support stand - 800 mm height
E/A 30L	Water pump - 30 L/min capacity for all versions
E/A 60L	Water pump - 60l L/min capacity for the versions with bowl of 100, 200 and 300 liters
E/C 30	Electronic liter-counter with decimal measurement . (to connect to coolers equipped with water pump or to water supply network)



HANGING MODELS

INCLUDED IN THE SUPPLY:

Brackets for wall mounting (on account and behalf of the buyer). Electronic liter counter - remote control (about 2 meters). Digital keyboard with light displays including temperature setting and visualization functions and the one of water withdrawal.

Autoclave - capacity: 15 liters/minute

E/PRR 50	Rapid cooler - 50 L bowl .Max. cooled water output per hour (in +18°C - out +3°C): 200 liters. (4 outflows - 50 l each). Voltage: single-phase V. 230
E/PRR 50N	Rapid cooler with heater - 50 L bowl . Max. cooled water output per hour (in +18°C - out +3°C): 200 liters . (4 outflows - 50 l each). Electric heater up to 35°C. Voltage: single-phase V. 230



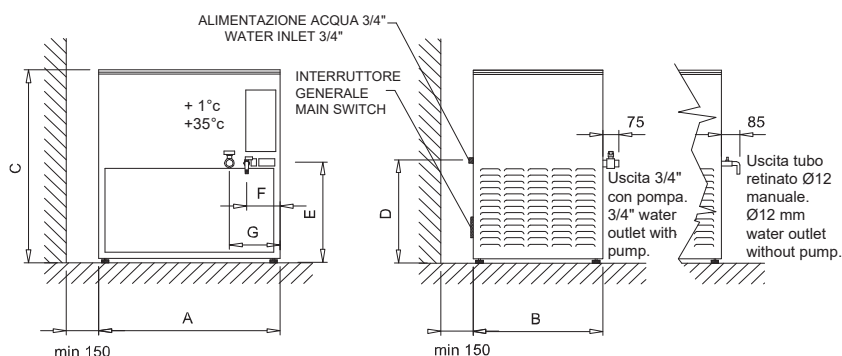
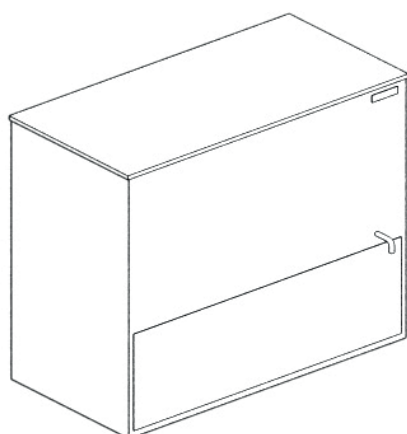
TABELLA RIEPILOGO CONFIGURAZIONI / CONFIGURATIONS SUMMARY TABLE

MODELLI VERTICALI / VERTICAL MODELS	
E/RR 50N	Cooler/Heater
E/RR 50N + E/A 30L	Cooler/Heater + 30 L water pump
E/RR 100	Cooler
E/RR 100 + E/A 30L	Cooler + 30 L water pump
E/RR 100 + E/A 60L	Cooler + 60 L water pump
E/RR 100N	Cooler/Heater
E/RR 100N + E/A 30L	Cooler/ Heater + 30 L water pump
E/RR 100N + E/A 60L	Cooler/Heater + 60 L water pump
E/R 200	Cooler
E/R 200 + E/A 30L	Cooler + 30 lLwater pump
E/R 200 + E/A 60L	Cooler + 60 L water pump
E/R 300	Cooler
E/R 300 + E/A 30L	Cooler + 30 L water pump
E/R 300 + E/A 60L	Cooler + 60 L water pump
MODELLI PENSILI / HANGING MODELS	
E/PRR 50	Cooler
E/PRR 50N	Cooler with heater



REFRIGERATORI RAPIDI E NORMALI PER ACQUA E/R 50-300

E/R 50-300 QUICK AND NORMAL COOLERS FOR WATER



NOTA/NOTE: ALLACCIAMENTO RETE IDRICA - WATER CONNECTION

- pressione max 3 bar - max pressure cold water inlet 3 bar
- utilizzare un raccordo in tre pezzi-use a three piece pipe union
- installare filtro antisabbia-anti sand filter must be installed
- (non può funzionare senza la pompa di scarico- it cannot run without discharging pump)

DATI TECNICI / TECHNICAL FEATURES		ERR 50N	ERR 100	ERR 100N	ER 200	ER 300
A	mm	450	840	840	840	1200
B	mm	540	600	600	600	600
C	mm	870	920	920	1100	1100
D	mm	460	490	490	490	490
E	mm	450	475	475	475	475
F	mm	155	155	155	155	155
G	mm	235	235	235	235	235
CAPACITA' / CAPACITY	L	50	100	100	200	300
MASSA / MASS	kg	80	120	120	120	170
RAFFREDDAMENTO RAPIDO DA / FAST COOLING FROM + 8 ° A / TO + 3 ° C IN 15 MIN.		•	•	•		
RAFFREDDAMENTO NORMALE / NORMAL COOLING					•	•
RISCALDATORE INCORPORATO / BUILT-IN HEATER		•		•		
MISCELAZIONE ACQUA E RIPIEMIMENTO AUTOMATICO / AUTOMATIC WATER MIXING AND FILLING		•	•	•	•	•
DOPPIO GALLEGGIANTE DI SICUREZZA / DUAL SAFETY FLOAT		•	•	•	•	•
ELETTRIVALVOLA SUPPL. ANTIALLAGAMENTO / EXTRA ANTI-FLOODING SOLENOID VALVE		•	•	•	•	•
TENSIONE / RATING VOLTAGE	230V 1PH+N+Gr 50 Hz	•			•	
TENSIONE / RATING VOLTAGE	400V 3PH+Gr 50 Hz		•	•		•
POTENZA RESISTENZA / POWER	230V/1PH/50 Hz kW	1,5		3		
POTENZA RESISTENZA / POWER	400V/3PH/50 Hz kW			3		
POTENZA COMPRESSORE / COMPRESSOR POWER kW		1,2	2,2	2,2	1,2	2
MAX POTENZA ASSORBITA / MAX ABSORBED POWER kW		1,5	2,2	3	1,2	2

APPLICAZIONI - OPTIONAL AUTOCLAVE / AUTOCLAVE APPLICATIONS - OPTIONALS

AUTOCLAVE A30L DA/FROM 30 l/min kW 0.55 - SU TUTTI I MODELLI / ON ALL MODELS

AUTOCLAVE A60L DA/FROM 60 l/min kW 0.65 - SU TUTTI I MODELLI ESCLUSO ERR50N / ON ALL MODELS ERR50N EXCLUDED

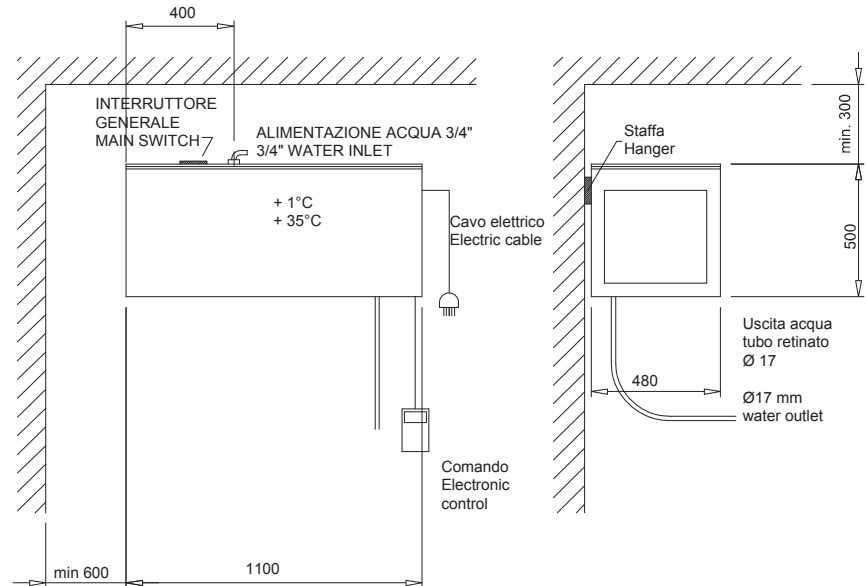
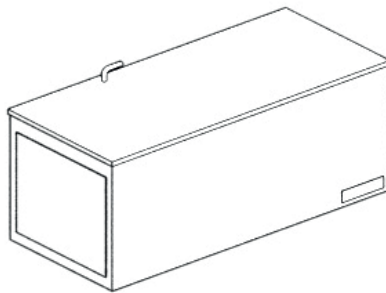
N.B.: AGGIUNGERE ALLA MAX POTENZA ASSORBITA I kW DELL'AUTOCLAVE EVENTUALMENTE INSTALLATA

PLEASE NOTICE: ADD TO THE MAX ABSORBED POWER THE kW OF THE AUTOCLAVE EVENTUALLY INSTALLED



REFRIGERATORI PENSILI PER ACQUA E/R 50-300

E/R 50-300 HANGING RAPID WATER COOLERS



NOTA: ALLACCIAMENTO RETE IDRICA-WATER CONNECTION

- pressione max 3 bar-max pressure cold water inlet 3 Bar
- utilizzare un raccordo in tre pezzi-use a three-piece pipe union
- installare filtro antisabbia-anti-sand filter must be installed

DATI TECNICI-TECHNICAL FEATURES		EP/RR 50	EP/RR 50N
CAPACITA' /CAPACITY	L	50	50
MASSA / MASS	kg	90	90
RAFFREDDAMENTO RAPIDO DA / FAST COOLING FROM + 8 ° A / TO + 3°C IN 15 MIN.		•	•
RISCALDATORE INCORPORATO / BUILT-IN HEATER			•
MISCELAZIONE ACQUA E RIEMPIMENTO AUTOMATICO / AUTOMATIC WATER MIXING AND FILLING		•	•
DOPPIO GALLEGGIANTE DI SICUREZZA / DUAL SAFETY FLOAT		•	•
ELETTROVALVOLA SUPPL. ANTIALLAGAMENTO / EXTRA ANTI-FLOODING SOLENOID VALVE		•	•
AUTOCLAVE INCORPORATA DA / BUILT-IN AUTOCLAVE FOR 15 L/min		•	•
CONTALITRI-DOSATORE ELETTRONICO / ELECTRONIC LITER COUNTER-DISPENSER		•	•
TENSIONE 230V 1PH+N+Gr 50 Hz RATING VOLTAGE		•	•
POTENZA AUTOCLAVE 230V AUTOCLAVE POWER	kW	0,15	0,15
POTENZA RESISTENZA 230V POWER	kW	-	1,5
POTENZA COMPRESSORE / COMPRESSOR POWER	kW	1,2	1,2
MAX POTENZA ASSORBITA / MAX ABSORBED POWER	kW	1,35	1,65