



# E/R 50-300



## Water cooler and cooler-heater

Water coolers provide a supply of cooled water which, appropriately metered, can be used to obtain mixtures at constant temperature independently of the ambient temperature. It is therefore an essential work tool in modern bread-making, since adequate temperature control of the mixture contributes to the quality of the end product.

### Standard features

- Steel structure.
- Stainless steel tank and casing.
- Tank thermic insulation made of high density resins.
- Water mixing pump inside the tank to ensure temperature homogeneity.
- Sealed refrigerating unit.
- Electronic thermoregulator with display for both desired and current water temperatures.
- Emergency ball-cock and anti-flooding electro-valve.
- Heating elements made of plated stainless steel serpent coils (only for coolers/heaters).

### Configurations

- **Vertical coolers suitable to be placed on a stand (optional) or hung to the wall at the Customer's care and charge. Water can be taken by gravity feed or by water pump (option).**
- **Suspended horizontal coolers with brackets for wall hanging (at the Customer's care and charge). 15 lt/min water pump and electronic litre counter.**

### Performances

**(reference water temperatures: intake +18°C/pouring +3°C)**

- Normal coolers, for an hourly maximum water withdrawal equal to the tank capacity.
- Rapid coolers, equipped with a special refrigerating unit enabling to withdraw the tank capacity up to 4 times/hour.
- Normal and rapid coolers with heater: in addition to the above mentioned features, they also are apt to heat water. An electronic thermoregulator starts automatically either the refrigerating unit or the heating unit according to the selected and current water temperatures. Running temperatures: +1°C + 35°C.

### Accessories for vertical coolers


**E/A 30L e E/A 60L** water pump (for remote withdrawal and coupling to electronic mixers and litre counters).

**E/C 30L** electronic litre counter.


**CD/1** oven painted steel stand, height mm 800.



## VERTICAL MODELS

	Description	
<b>E/RR 50 N</b>	<b>Rapid cooler with heater - 50 lt. tank</b> Maximum hourly cold water output (in +18°C / out +3°C) 200 lt. (4 withdrawals of 50 lt. each). Electric heater up to 35°C. Voltage single-phase 230 V.	
<b>E/RR 100</b>	<b>Rapid cooler - 100 lt. tank</b> Maximum hourly cold water output (in +18°C / out +3°C) 400 lt. (4 withdrawals of 100 lt. each). Voltage 400/3/50.	
<b>E/RR 100 N</b>	<b>Rapid cooler with heater - 100 lt. tank</b> Maximum hourly cold water output (in +18°C / out +3°C) 400 lt. (4 withdrawals of 100 lt. each). Electric heater up to 35°C. Voltage 400/3/50.	
<b>E/R 200</b>	Standard cooler – 200 lt. tank Maximum hourly cold water output (in +18°C / out +3°C) 200 lt. Voltage single-phase 230 V.	
<b>E/R 300</b>	Standard cooler – 300 lt. tank Maximum hourly cold water output (in +18°C / out +3°C) 300 lt. Voltage 400/3/50.	

## ACCESSORIES FOR VERTICAL MODELS

	Description	
CD/1	Oven painted steel stand - height mm 800	
E/A 30L	Water pump - 30 lt./min. output for all models	
E/A 60L	Water pump - 60 lt./min. output for models with 100, 200 e 300 Lt. Tank.	
<b>E/C 30L</b>	Electronic litre counter with decimal measurement ( <u>it can be connected to water coolers equipped with water pump or directly to the water supply</u> ).	

## SUMMARIZING TABLE—PRODUCT CONFIGURATIONS

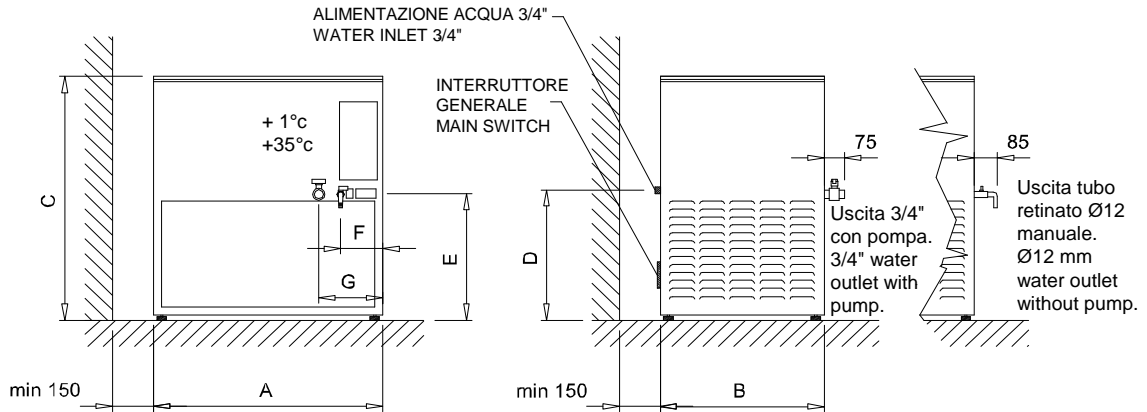
<b>E/RR 50N</b>	Cooler/heater
<b>E/RR 50N + E/A 30L</b>	Cooler/heater + water pump 30 lt
<b>E/RR 100</b>	Cooler
<b>E/RR 100 + E/A 30L</b>	Cooler + water pump 30 lt
<b>E/RR 100 + E/A 60L</b>	Cooler + water pump 60 lt
<b>E/RR 100N</b>	Cooler/heater
<b>E/RR 100N + E/A 30L</b>	Cooler/heater + water pump 30 lt
<b>E/RR 100N + E/A 60L</b>	Cooler/heater + water pump 60 lt
<b>E/R 200</b>	Cooler
<b>E/R 200 + E/A 30L</b>	Cooler/heater + water pump 30 lt
<b>E/R 200 + E/A 60L</b>	Cooler/heater + water pump 60 lt
<b>E/R 300</b>	Cooler
<b>E/R 300 + E/A 30L</b>	Cooler/heater + water pump 30 lt
<b>E/R 300 + E/A 60L</b>	Cooler/heater + water pump 60 lt



**REFRIGERATORI RAPIDI E NORMALI PER ACQUA**

Impasto 2002/200

**QUICK AND NORMAL COOLERS FOR WATER**



**NOTA/NOTE: ALLACIAMENTO 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 can't 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
PESO-WEIGHT	kg	80	120	120	120	170
RAFFREDDAMENTO RAPIDO DA-RAPID COOLING FROM	+8° A +3°C IN 15 min.	•	•	•		
RAFFREDDAMENTO NORMALE ORA-NORMAL COOLING					•	•
RISCALDATORE INCORPORATO-BUILT IN HEATER		•		•		
MISCELAZIONE ACQUA E RIEMPIMENTO AUT.-AUTOM. FILLING AND WATER MIXING		•	•	•	•	•
DOBPIO GALLEGGIANTE DI SICUREZZA-DUAL SAFETY FLOAT		•	•	•	•	•
ELETTROVALVOLA SUPP. 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-HEATER POWER	230V/1PH/50 Hz	kW 1.5		3		
POTENZA RESISTENZA-HEATER POWER	400V/3PH/50 Hz	kW		3		
POTENZA COMPRESSORE-COMPRESSOR POWER		kW 1.2	2.2	2.2	1.2	2
POTENZA ASSORBITA MAX-MAX ABSORBED POWER		kW 1.5	2.2	3	1.2	2

**APPLICAZIONI - OPTIONAL AUTOCLAVE**

- AUTOCLAVE A30L DA 30 l/min kW 0.55 - SU TUTTI I MODELLI-ON ALL MODELS
- AUTOCLAVE A60L DA 60 l/min kW 0.65 - SU TUTTI I MODELLI ESCLUSO ERR50N-ON ALL MODELS ERR50N EXCLUDED
- N.B. AGGIUNGERE ALLA POT.ASS.MAX I kW DELL'AUTOCLAVE EVENTUALMENTE INSTALLATA
- WARNING : ADD 1 kW AUTOCLAVE POWER TO THE MAX ABSORBED POWER



## SUSPENDED MODELS

### STANDARD EQUIPMENT:

- Brackets for wall hanging (at the Customer's care and charge).
- Electronic litre counter with remote control (about 2 meters), digital keyboard with luminous display to set up and show both temperature and water delivery.

### MODELS

#### Description

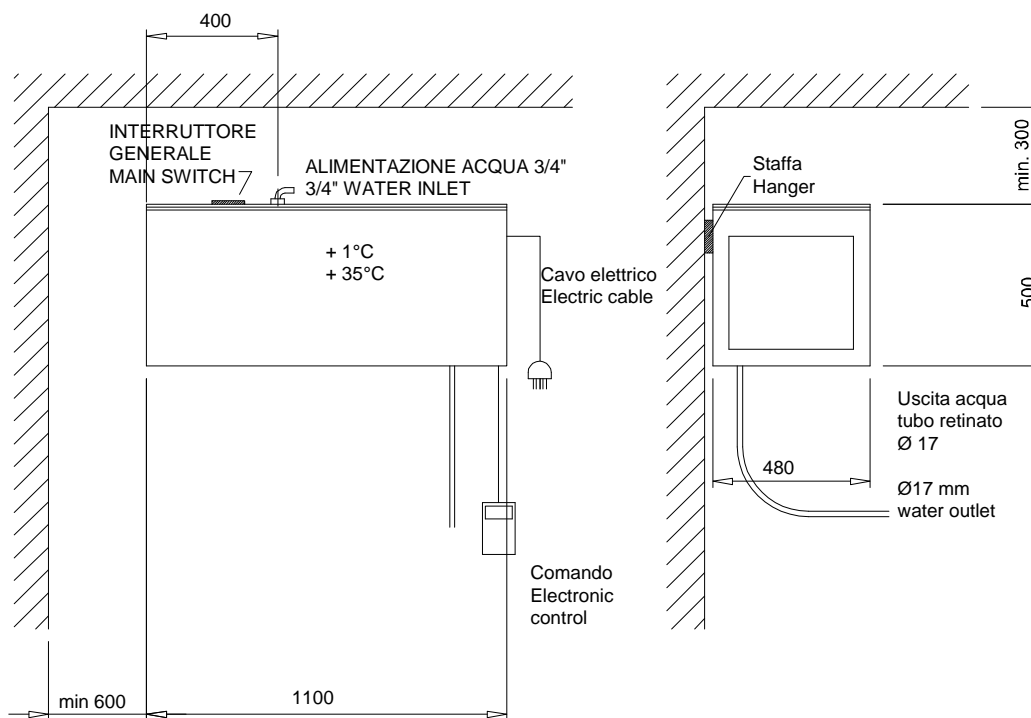
<b>E/PRR 50</b>	<b>Rapid cooler - 50 lt. tank</b> Maximum hourly cold water output (in +18°C / out +3°C) 200 lt. (4 withdrawals of 50 lt. each). Voltage single-phase 230 V.
<b>E/PRR 50N</b>	<b>Rapid cooler with heater - 50 lt. tank</b> Maximum hourly cold water output (in +18°C/ out +3°C) 200 lt. (4 withdrawals of 50 lt. each). Electric heater up to 35°C. Voltage single-phase 230 V.



## REFRIGERATORI PENSILI PER ACQUA

Impasto 2002/201

### 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
PESO-WEIGHT	kg	90	90
RAFFREDDAMENTO RAPIDO DA-RAPID COOLING FROM	+18' A +3 °C IN 15 min	•	•
RISCALDAMENTO INCORPORATO-BUILT IN HEATER		•	•
MISCELAZIONE ACQUA E RIEMPIMENTO AUTOMATICO-AUTOMATIC FILLING AND WATER MIXING		•	•
DOPPIO GALLEGGIANTE DI SICUREZZA-DUAL SAFETY FLOAT		•	•
ELETTROVALVOLA SUPPLEMENTARE ANTIALLAGAMENTO-EXTRA ANTI-FLOODING SOLENOID VALVE		•	•
AUTOCLAVE INCORPORATA DA-BUILT-IN AUTOCLAVE FOR	15 l/min	•	•
CONTALITRI - DOSATORE ELETTRONICO-ELECTRONIC LITRE-COUNTER		•	•
TENSIONE 230V 1PH+N+Gr 50 Hz-RATING VOLTAGE 230V 1PH+N+Gr 50 Hz		•	•
POTENZA AUTOCLAVE 230V-POWER AUTOCLAVE 230V	kW	0.15	0.15
POTENZA RESISTENZA 230V-HEATER POWER 230V	kW	—	1.5
POTENZA COMPRESSORE-COMPRESSOR POWER	kW	1.2	1.2
POTENZA ASSORBITA MAX ABSORBED POWER	kW	1.35	1.65