

Immersion Cooler

BE201/201F/301

Operating temp. range -20~+35°C

Easy to use compact benchtop immersion cooler in combination with water bath



- Cools down water bath immediately by dipping cooling coil into fluid
- Improved safety by adopting overcurrent circuit breaker
- Spiral tube of BE201 changed from copper to chrome plated copper with high corrosion resistance
- Stainless steel flexible cooling coil of BE201F/301 is high corrosion resistant and can be easily bent to fit various bath capacities
- Comes with handles for better usability

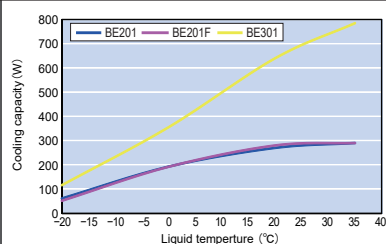
Specifications

Product code	221623	221624	221625
Model	BE201	BE201F	BE301
Operating temp. range	-20 to +35°C		
Ambient temperature	+5 to +35°C		
Cooling capacity*1	190W at 0°C	350W at 0°C	
	Naiburain 60% 5L Room temp. 20°C		Naiburain 60% 10L Room temp. 20°C
Refrigerator	Reciprocating type 160W		Reciprocating type 400W
Refrigerant / amount	R134a / 110g	R134a / 120g	R404A / 170g
Cooling coil	SUS 304		
	Spiral tube	Flexible Tube	
	ø35×170mm (Winding O.D.×Length)	ø15×500mm (O.D.×Length)	
		ø15×1,000mm (O.D.×Length)	
Power source	AC115V / AC220V Single phase with step-down transformer		
External dimensions*2	W410xD320xH303mm		
Weight	Approx. 24kg		Approx. 25kg
Noise level (reference data)	Approx. 55dB		

*1 Indicates the heat load. *2 Protrusions not included.
The length of the power cord is about 2 m outside the unit. No breaker.

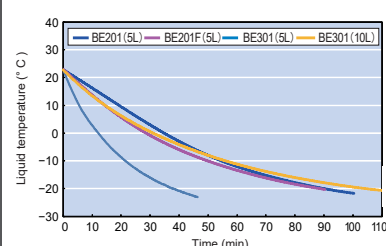
- Do not put the cooling coil in a liquid of 35°C or higher.

Cooling Capacity



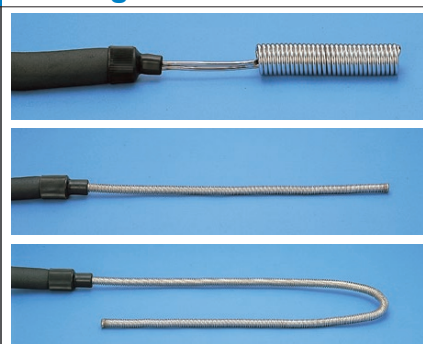
Conditions:
Room temperature: 20°C
Power source: AC100V/50Hz
Cooling liquid: Naiburain 60% dilution
With tank lid and stirring bar in the tank

Temperature Decreasing Curve



Conditions:
Room temperature: 23°C
Power source: AC100V/50Hz
Cooling liquid: Naiburain 60% dilution
With tank lid and stirring bar in the tank

Cooling Coil



BE201
(Dia.30×length170mm)

BE201F
(Dia.15×length500mm)

BE301
(Dia.15×length1,000mm)

Cooling coils are made of different material and shape for different usage.

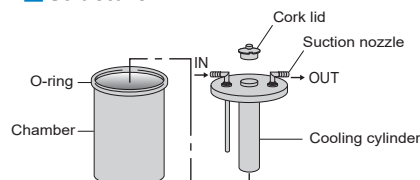
Cold Trap (optional item)

Cold trap made of Aluminum, easy cooling by Neocool dip.

Specifications

Product code	221481
External dimensions	ø210×290mm
Chamber dimensions	ø180×245mm
Cooling cylinder dimensions	ø45×220mm
Suction nozzle	ø18 (O.D.)
Chamber material	Aluminum (anodized finish)

Structure



Hose sold separately