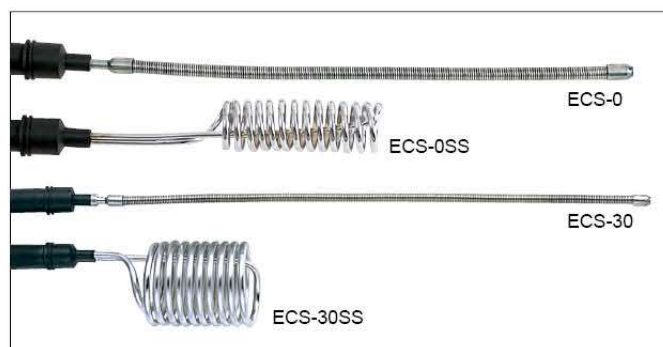
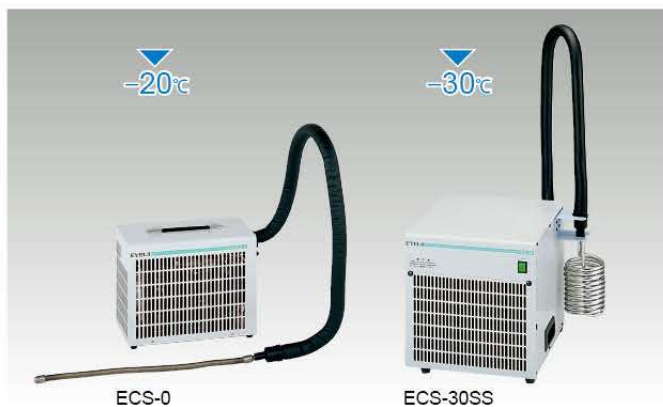


# Immersion Cooler ECS-0·0SS·30·30SS

For maintaining liquid temperature below room temperature: -20 and -30°C

## Features

- Desk top type light weight cooler.
- With holder for cooling part.
- High cooling capacity of 550·620W.



Product Name	Model	Cat. No.
Immersion Cooler	ECS-0SS	113360
Water Bath	NTT-2200	195420
Cooler Clamp	CHC-2	181840

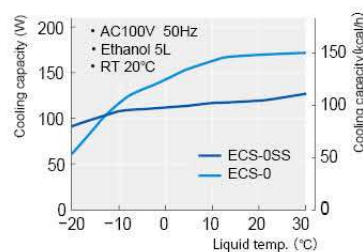
## Specifications

Product Name	Immersion Cooler			
	ECS-0	ECS-0SS	ECS-30	ECS-30SS
Model				
Cat. No.	113350	113360	113390	113410
Lowest temperature	-20°C		-30°C	
Cooling capacity at 10°C(50/60Hz)	160/160W	120/120W	550/550W	620/640W
Safety functions	Fuse, Refrigerator overload relay		Circuit protector, Refrigerator overload relay	
Refrigerator & coolant	Air cooling, 85W, R134a		Air cooling, 400W, R404a	
Maximum liquid temperature	30°C			
Cooling part material	SUS flexible	SUS spiral	SUS flexible	SUS spiral
Cooling part dimensions (mm)	OD15 x 500L	Wired OD40 x 140L	OD15 x 1100L	Wired OD115 x 140L
Bath dimensions (mm)	ID90 x 225H 1.4L		ID90 x 225H 1.4L	
Dimensions (mm) & Weight	340W x 194D x 265H 14kg		358W x 420D x 370H 27kg	
Power source	300VA AC100V		850VA AC100V	

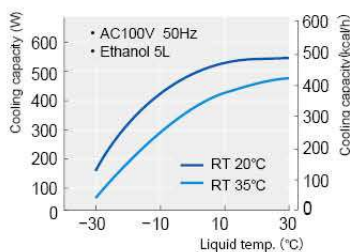
## Data

### Cooling Capacity

ECS-0·0SS

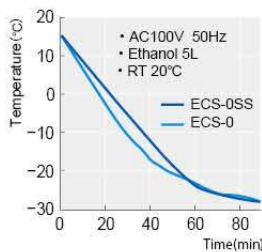


ECS-30

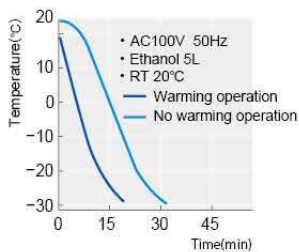


### Cooling Curve

ECS-0·0SS



ECS-30



# Immersion Cooler ECS-50 · 50SS · 80

For maintaining liquid temperature below room temperature: -45 and -80°C

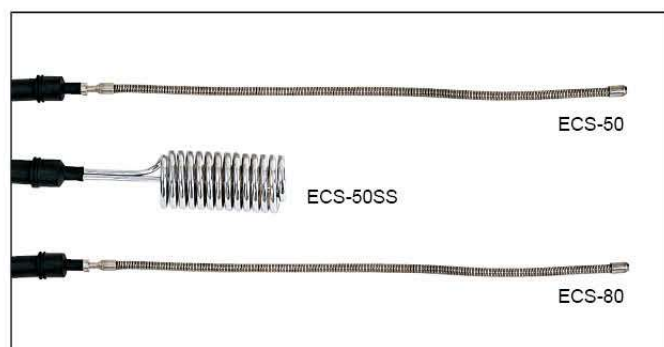


## Features

- Long time, stable temperature control is possible thanks to high cooling capacity. Suitable for cold trap and synthesis, reaction process under cold temperature.
- Lowest temperature -45°C & -80°C.
- With holder for cooling part.



Product Name	Model	Cat. No.
Immersion Cooler	ECS-80	113450
Water Bath	SBC-11	114680
Temperature Controller	THD-100	114610
Stirring Pump	STR-1	114240
Cooler Clamp	CHC-2	181840
Immersion Heater	HPC-300	114740



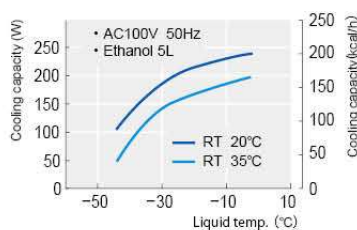
## Specifications

Product Name	Immersion Cooler		
	ECS-50	ECS-50SS	ECS-80
Model	ECS-50	ECS-50SS	ECS-80
Cat. No.	113420	113440	113450
Lowest temperature	-45°C		-80°C
Cooling capacity (-30°C, 60Hz)	160W	240W	240W
Refrigerator & coolant	Air cooling, 400W, R404A		Air cooling, 400W x 2, R404A, R23
Maximum liquid temperature	0°C		
Cooling part material	SUS flexible	SUS spiral	SUS flexible
Cooling part dimensions (mm)	OD15 x 700L	Wired OD75 x 200L	OD15 x 800L
Dimensions (mm) & Weight	358W x 420D x 370H 27kg		408W x 500D x 717H 50kg
Power source	850VA AC100V		1.4kVA AC100V

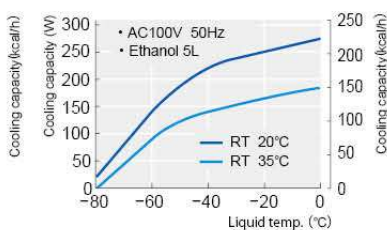
## Data

### ■ Cooling Capacity

ECS-50

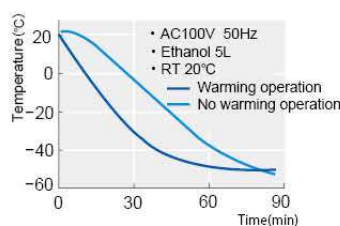


ECS-80



### ■ Cooling Curve

ECS-50



ECS-80

