

FREEZER 196

Industrial Freezers

- FREEZER196 Type 445
- FREEZER196 Type 666



FREEZER 196 Type 666
with program temperature controller

SPECIFICATION OF FREEZER 196

		FREEZER196 Type 445	FREEZER196 Type 666
Power supply		AC200V 50/60Hz 3phase (modifiable)	
Dimensions (WxDxH mm)	Inside	400x400x500	600x600x600
	Outside	1,050x700x830	1,250x900x930
Materials	Inside	SUS-304	
	Outside	SUS-304	
	Heat insulator	High density polyurethane foam	

※Dimensions : Protruding part(s) not included.

OPTIONS

- Program temperature controller
It can control temperature by an elapsed time in a cooling process.
It is most suitable for exact cooling. As an example, cases to have to cool an object uniformly.
- heater
Control to raise temperature is enabled.
- Automatic take out device
It saves operation time, because the take out of the object becomes easy.

Precautions for Handling the FREEZER 196

- Use gloves to handle the cooling objects, for prevention of frostbite.
- Liquid nitrogen, please use a liquid gas container (LGC).
- Liquefaction carbon dioxide, it can use the cylinder with siphon, but the better is to use LGC having high cooling efficiency.
- Fix the cylinder so that it will not fall down.
- When connecting the cylinder to FREEZER 196, clean and check the conduit joint for foreign substances.
- Operate(open/close) a cylinder valve safety and securely.

OVERVIEW OF FREEZERS

FREEZER 196 is designed to quickly refrigerate the cooling objects by using a refrigerant such as liquefied carbon dioxide (L-CO₂, -78°C), liquid nitrogen(L-N₂, -196°C). It can simplify processing at difficult very-low temperature in the electricity-type refrigerator.
Use of FREEZER 196 allows sub-zero treatment, cooling fit, low-temperature material test efficiently and economically.

FEATURES OF FREEZERS

- Customer Specification
Based on the standard specification, FREEZER 196 is designed with the specification meeting the customer's needs.
Type 445 (inner size: 40 x 40 x 50 cm)
Type 666 (inner size: 60 x 60 x 60 cm)
(Please contact other size)
- Quick Cooling
FREEZER 196 can easily very-low temperature cooling, even as for the temperature that is difficult in the electricity-type refrigerator.
Liquefied carbon dioxide : TO -70°C
liquid nitrogen : TO -130°C
(The Special version can cool down to under -130°C)
- The durability and heat insulation
Both interior and exterior of the freezers are made of stainless steel to ensure durability. Use of high-density foaming polyurethane provides excellent heat insulation. It suppresses invasion of outside heat and saves gas.
- Automatic Hold of Desired Low Temperature
A built-in automatic refrigerant blaster holds your desired low temperature. It allows economical and swift work, considering low-temperature character of the cooling objects.
- Low Material Failure Rate and High Safety
When used in cooling fit work, etc., the FREEZER 196 prevents physical damage on the materials and ensures extremely high work safety, compared with other fitting works, thus greatly reducing the cost.
- High Work Efficiency
Easy cooling process hardly requires manpower to provide extremely high work efficiency. FREEZER 196, equipped with a automatic take out device (option), further improves work efficiency.