

Cold Trap

MADE
IN
JP

CA301-115V CA301-220V

Maximum low temperature -45°C

Dehumidifying capacity 0.9 kg (Water type liquid)



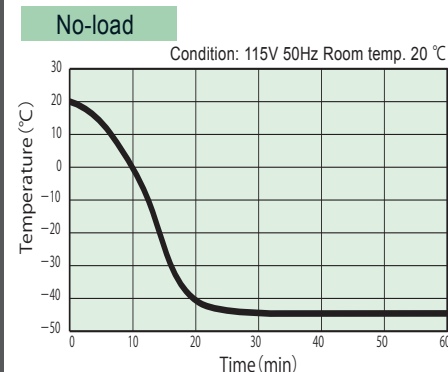
Efficiently traps water vapor and toxic substances discharged from rotary evaporator and vacuum oven to protect the vacuum pump

- Excellent choice to extract acid and organic solvents with the optional glass condenser
- Efficiently reduces vapor inhalation amount to the vacuum pump
- Can be used as a low temperature tank as well as pre-cooling tank
- Utilizes R404A
- Space saving and highly mobile on wheels

Specifications

Model	CA301-115V / CA301-220V
Method	Direct trap or Glass trap (optional)
Dehumidifying capacity	Max. 0.9kg (aqueous system)
Max. low temperature	-45°C
Time to achieve the maximum lowest temperature	20 minutes or less
Refrigerator	Air cooling, 400W
Refrigerant	R404A
Cooling coil	ID ø90mm SUS304
Lid	OD ø17.6mm with nozzle, SUS304
Bath shape / material	Cylindrical / SUS304
Ambient temp. range	5~35°C
Temperature display	7 segment LED
Temperature sensor	Platinum resistance temperature detector Pt100Ω
Safety devices	Electric leakage breaker with over current protection, refrigeration overload relay
Defrosting mechanism	None
Tank dimensions	I.D. ø153 x H 235 mm
Internal capacity	~4L (Liquid 3L)
Power source 50/60 Hz	AC115V 5.1A / AC220V 2.3A
External dimension WxDxH	345 x 475 x 726 mm
Weight	~50kg

Cooling Curve



Optional items

Product description	Product code	Function / Feature
Glass condenser set OCA10	221487	To trap acidic and organic solvents
Reducer for rubber tube		
brass ø30×ø18	242185	Used when connection size is different
brass ø30×ø12	242186	
SUS ø30×ø18	221496	
SUS ø30×ø12	241497	
SUS lid	281296	Lid of trap tank



Glass condenser set



Glass condenser



Stainless cover