Open Chamber

OTC-213A/2D

Operating temp. range	-15°C to +60°C OTC-213A	-30°C to +80°C OTC-2D

Air curtain type	2 layers OTC-213A	3 layers OTC-2D

Internal capcaity	134L OTC-213A	300L OTC-2D

- Spacious work space, hands can be directly placed inside the chamber.
- Can be remotely controlled by a personal computer with the RS232C interface.
- Designed with econo-cover (OTC-213A is optional) to improve temp. distribution accuracy and temp. rising time.

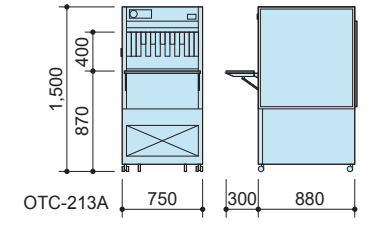
134L
OTC-213A

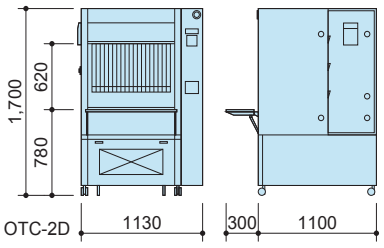
300L
OTC-2D

Optional Items

Description	
Dot type recorder	for OTC-2D
Shelf with support, 1set	for OTC-213A
Shelf with support, 1set	for OTC-2D
Econo cover	for OTC-213A
Working counter	for OTC-213A
Working counter	for OTC-2D
Operation signal tower light	for OTC-2D
Extension drain hose 2m	for OTC-213A / 2D
Exhaust duct fan	for OTC-2D

Dimensions (Unit:mm)





Specifications

Product Code	211366	211399
Model	**OTC-213A**	**OTC-2D**
Type	Air curtain type (2 layers) (double stream)	Air curtain type (3 layers) (triple stream)
Setting temp. range*1	-15~+60°C (without econo-cover)	-30~+80°C (with econo-cover)
Temp. distribution range	Setting temperature ±1°C	
Temp. reaching time*1*2	Approx. within 30min. from +25~-15°C	Approx. within 60min. from +25~-25°C
	Approx. within 20min. from +25~+60°C	Approx. within 30min. from +25~+80°C
Temperature control	PID control by microcomputer	
Temperature sensor	Pt resistance thermometer	
Temperature setting	Digital setting	Touch panel input on LCD display
Temperature display	Digital display	7 segments display on LCD display
Operating functions	Fixed operation, Automatic defrost mode	Fixed operation, Automatic or manual defrost mode, Repeat function, 16 steps setting for temp. and time (1 to 990min.)
Additional functions	N/A	Total operation hours timer (to 99,999.9hrs.)
External interface	RS232C (Communication function such as temp. setting, Run / Stop, Temp. onitor)	
Refrigerator/Coolant	Scroll compressor/R404A, 750W Approx. 1.7kg	Rotary type/R404A, 1.1kW×2 Approx. 2kg×2
Heater capacity	1.4kW	3.0kW
Chamber lightning	15W (Incandescent light)	
Cable hole	I.D. 60mm	
Internal dimensions	W670×D500×H400mm	W810×D600×H600mm
External dimensions*3	W750×D880×H1,500mm	W1,130×D1,100×H1,700mm
Internal capacity	Approx. 134L	Approx. 300L
Power (50/60Hz)	AC220V / AC380V Three phase with step down transformer	
Weight	Approx. 180kg	Approx. 470kg
Accessory	N/A	Econo-cover

*1 Conditions : Temperature and humidity 23°C, 65%RH
*2 Based on actual measurements of a 60Hz sample machine (varies depending on environmental conditions and power supply frequency)
*3 Do not include protrusions

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