

FZR8-PC

plasma chiller



Model configurations		
Storage system	Storage capacity	Item number
8 shelves	(72) 450 ml plasma bags	FZR8-PC

Features

Intended for use as a rapid freezer in research use, as a medical device for freezing samples for diagnostic use or for freezing biological components. This is not intended for storage.

Powerful refrigeration system

- factory engineered, slide-out refrigeration system
- environmentally friendly (HCFC-free) R452a refrigerant
- hot gas defrost system
- epoxy-coated evaporator provides resistance to corrosion
- balanced evaporator coil and condenser for lower power consumption
- sealed, cast iron, self-lubricating evaporator fan motors and large fan blades for a more efficient airflow design

User-friendly interface

- touchscreen digital temperature display available in user-programmable C or F
- integral event and data logging with easy downloading via convenient USB port

Protection for your valuable products

- audible and visual alarms
- dry contacts for remote alarming
- touch panel battery back up

Cabinet construction

- full stainless steel AISI 304 construction provides resistance to rust and corrosion
- self-closing door
- 2.36" (6.00 cm) environmentally friendly CFC-free, cyclopentane foam
- Kyoto protocol compliance: 0 ODW and 2,140 GWP
- 8 shelves angled at 5° to store up to (72) 450 ml plasma bags
- 4 casters

Certifications

- UL/CSA 61010-1 3rd edition
- IEC 61010-2-011
- cULus
- FDA Class II medical device

Warranty

- 2 year parts and labor
- 5 year compressor parts only

Specification

Nominal capacity	7.5 cu ft / (72) 450 ml plasma bags
Ventilation clearance	12.00" (30.5 cm) from back wall, 20.00" (50.8 cm) from side walls and top

Exterior

W1 Width	31.50" (80.0 cm)
D1 Depth	32.88" (83.5 cm)
H1 Height with casters	77.31" (196.4 cm)
Casters	set of 4

Interior

Height	45.88" (116.54 cm)
Storage system	8 shelves, angled at 5°
Space between shelves	3.00" (7.62 cm)
Shelf area	2.58 sq ft
Max. load rating per shelf	44 lb (20 kg), 3,500 ml of product

Door configurations

Door	self closing, magnetic door seal, opens at 90°
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Electrical

C1 Electrical 220 V/60/3	30 amps, NEMA L15-30 cord and plug
Absorbed power	5,100 Watts

Controls

Temperature display	touchscreen digital temperature display available in user- programmable C or F
Programmable operating range	-40 F (-40 C) to -22 F (-30 C)
Factory preset	-40 F (-40 C)

Alarming

High product temperature alarm	audible and visual
Door ajar alarm	audible and visual
Probe error alarm	audible and visual
Remote contacts	NO/NC standard, located at the back of cabinet near electrical box

Data logging

Data export	USB export capabilities
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System performance

Refrigeration system	slide-out, 2 hp condensing unit
Refrigerant and charge	R452a refrigerant, 88.2 oz
Energy consumption	8000 BTU/hr (2,345 Watts)

Shipping

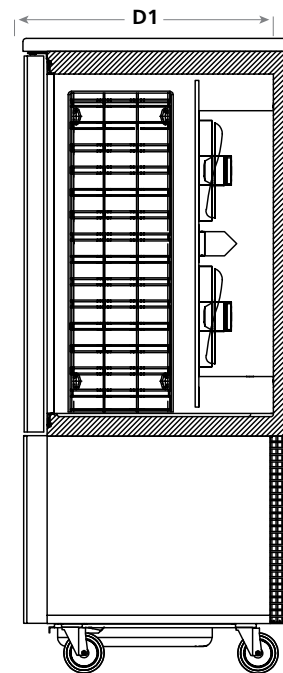
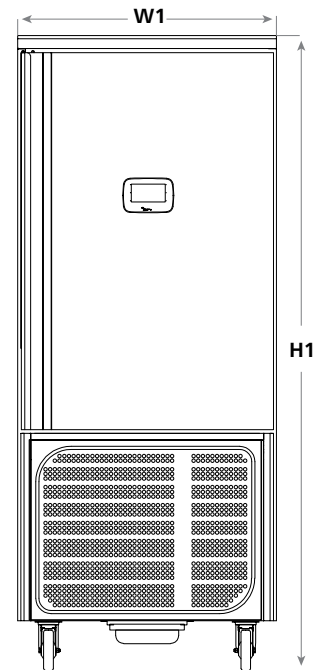
Shipping size	35.00" W x 38.00" D x 84.00" H (88.9 x 96.5 x 213.4 cm)
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Approximate ship weight

645 lb (293 kg)

NOTE: For indoor use only

Dimensional drawing



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