

# FZR8-PC

plasma chiller



## 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 0 GWP
- 8 shelves angled at 5° to store up to (80) 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

Model configurations		
Storage system	Storage capacity	Item number
8 shelves	(80) 450 ml plasma bags	FZR8-PC

## Specification

Nominal capacity	7.5 cu ft / (80) 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

<b>W1</b> Width	31.50" (80.0 cm)
<b>D1</b> Depth	32.88" (83.5 cm)
<b>H1</b> 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

<b>C1</b> 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

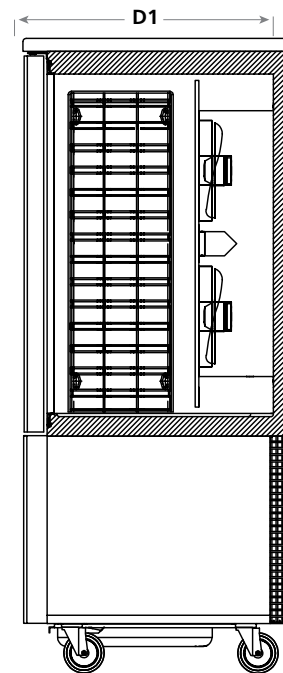
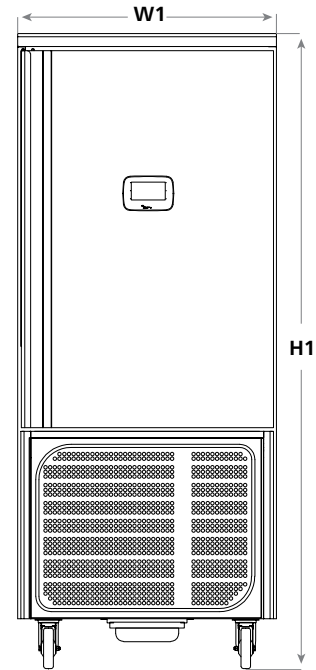
Shipping size	35.00" W x 38.00" D x 84.00" H (88.9 x 96.5 x 213.4 cm)
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Approximate ship weight

645 lb (293 kg)

NOTE: For indoor use only

## Dimensional drawing



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