

Cryorefrigerator Specification Sheet

PT415 with CP1010

Cold head weight:	55 LB (25.0 KG)
Dimensions:	See Cold Head Line Drawing
Flexible lines, length:	66 FT (20.1 M)
Flexible lines, weight, pair:	90 LB (41 KG)
Compressor package model:	CP1010, <i>available as water cooled only</i>
Compressor package weight (water):	470 LB (214 KG)
Dimensions (L x W x H, water):	24 x 23 x 36 IN (61 x 58 x 91 CM)
Power consumption at certified capacities (water-cooled):	11.0 kW @ 220/230 or 460 VAC, 3 phase, 60 Hz 10.5 kW @ 200/220 or 380/420 VAC, 3 phase, 50 Hz
Cooling water:	Minimum flow 3.0 GPM (11.5 LPM) @ 80°F (27°C) maximum temperature
Ambient temperature range:	45°F to 100°F (7 to 38°C)
System helium pressure:	200 ± 5 PSIG @ 60 Hz 230 ± 5 PSIG @ 50 Hz
Cooling capacity in Watts :	1.5W@4.2K with 40W@45K
Lowest temperature:	<2.8K
Cool down time:	60 minutes to 4K
Shipping weight:	824 LB (374 KG) wood box
Shipping dimensions (L x W x H):	48 x 40 x 59 IN (122 x 102 x 150 CM)

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