

Model Number																												
FRPH1204V																												
Application, Rating and Electrical Data																												
Application	Pharmacy (non-flammable) Refrigerator																											
Storage Volume	374 Liters/13.2 Cubic Feet																											
Temperature Rating	2°C to 6°C @ 10°C to 35°C Ambient																											
Electrical Power	220-240V 50 Hz 1 Phase																											
Instrument Rated Current	6.0 FLA																											
Building Supply Rating	Breaker 15 Amps/230v±10 Volt while operating																											
Power Plug/Power Cord Length	European plug for V / IEC Cords, 10 Feet (3.048 Meters)																											
Agency Listings	CE, according to DIN 58371																											
Sound Pressure Level	60 dB(A)																											
Indoor/Outdoor Usage	Indoor Use Only																											
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation, 10° C - 35° C (50° F - 95° F)																											
Refrigeration Configuration																												
Refrigeration System	Vapor compression system																											
Compressor / Number	1/3 HP Hermetic Compressor / 1																											
Condenser Type/Number	Enhanced Finned-Tube and Forced-Air Cooled / 1																											
Expansion Device	Capillary Tube																											
Evaporator Type	Forced-Air Evaporator																											
Defrost Method	Microprocessor controlled off cycle every 1hr, duration 15minutes (Defrost is User Programmable)																											
Refrigerant Charge/Flammability	Environmentally Safe R134a																											
Controller/Electrical System Configuration and Features																												
Controller Level	Eye Level																											
Power Switch	Keyed Off-On - Alarm																											
Controller Type	Microprocessor-Based IntrLogic Control																											
Setpoint Security / Programmable	Yes / Yes																											
Compressor Safe Guard	High Pressure Cutout Switch/High Temp Cutout Switch/Current protection																											
Control Sensor	Stainless Steel Shielded RTD weighted with 250ml ethylene glycol solution																											
Remote Alarm Terminals	Yes																											
Power Failure Alarm	Yes																											
Standard Electronic chart Recorder	Yes																											
Dimensions and Construction																												
Interior Dimensions (H x D x W)	133.1 H X 55.2 F-B X 50.8 W cm (52.4 H X 21.7 F-B X 20.0 W in.)																											
Exterior Dimensions (H x D x W)	185.4 H X 74.8 F-B X 61.0 W cm (73.0 H X 29.4 F-B X 24.0 W in.)																											
Insulation	5.08 cm (2.0") High Density HFC-blown Polyurethane Foam in cabinet																											
Door Perimeter heater	Yes																											
Shelves / Capacity	6 drawers / 192 (450mL bag)																											
All-Direction Casters	Yes																											
Ship Weight	Approximately 146 kg / 320 lbs.																											
1" Dia access port	Yes																											
Typical Performance Characteristics																												
<p>12 ft<sup>3</sup> Space Saver blood bank, Pull Down &amp; Warm Up at 35 C</p>	<p>12 ft<sup>3</sup> Space Saver blood bank ref. Cycle at 35 C Ambient</p>	<table border="0"> <tr> <td>Test Unit Series or MSO Number:</td> <td>18824-DP</td> </tr> <tr> <td>Ref body weighting</td> <td>250ml glycol</td> </tr> <tr> <td>Cabinet Load / Ambient Condition</td> <td>Empty / 35C</td> </tr> <tr> <td>Avg. Cabinet temp at Cycle at 35C (C):</td> <td>4.0</td> </tr> <tr> <td>Peak Variation from Set Point (C):</td> <td>0.6 / 0.8</td> </tr> <tr> <td>Uniformity/Sensitivity (C):</td> <td>1.0 / 0.2</td> </tr> <tr> <td>1-min Door Open Recovery to +4C (min):</td> <td>4.5</td> </tr> <tr> <td>Cycle (on/off) rate (minutes):</td> <td>14 / 7</td> </tr> <tr> <td>Duty Cycle (%):</td> <td>65.2%</td> </tr> <tr> <td>Avg. energy consumption (kW-hr/day):</td> <td>7.6</td> </tr> <tr> <td>Avg. heat rejection rate (Btu/hr):</td> <td>1084</td> </tr> <tr> <td>Overall Pull Down to +4C (min):</td> <td>60</td> </tr> <tr> <td>Warm Up Time (4 to 10 C) (minutes):</td> <td>138</td> </tr> </table>	Test Unit Series or MSO Number:	18824-DP	Ref body weighting	250ml glycol	Cabinet Load / Ambient Condition	Empty / 35C	Avg. Cabinet temp at Cycle at 35C (C):	4.0	Peak Variation from Set Point (C):	0.6 / 0.8	Uniformity/Sensitivity (C):	1.0 / 0.2	1-min Door Open Recovery to +4C (min):	4.5	Cycle (on/off) rate (minutes):	14 / 7	Duty Cycle (%):	65.2%	Avg. energy consumption (kW-hr/day):	7.6	Avg. heat rejection rate (Btu/hr):	1084	Overall Pull Down to +4C (min):	60	Warm Up Time (4 to 10 C) (minutes):	138
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<p>1) Performance is nominal and individual units may vary.                  2) Freezer performance will differ due to product amount, product size and operating conditions.                  3) Continuous product enhancements may, without notice, result in amendments or omissions to this specification. Thermo Scientific cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.</p>																												