

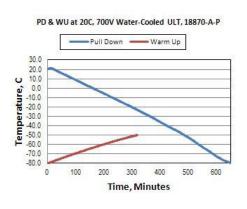
## **Technical Data Sheet**

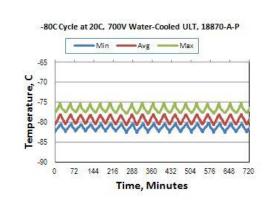
## **Revco Ultra-Low Temperature Upright Freezer**

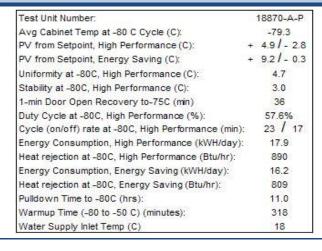
**MODEL RELEASE - 65** 

Thermo Fisher Scientific, Asheville, North Carolina

Model Number
Thermo Scientific Revco UxF70086V WC
Application, Rating and Electrical Data
Storage of General (non-flammable) Laboratory Materials
949 liters / 33.5 cu. ft., 700 Standard 2" Boxes
-50°C to -86°C
230V, 50 Hz, 1 Phase
9.5 AMP
15.0A dedicated grounded circuit. Protected by circuit breaker rated for inductive loads
Country Dependant plug / IEC Cords, 3.048 Meters (10 Feet)
CE
Indoor Use Only
Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation, 15° C - 32° C (59° F - 90° F)
Inlet Temp: (12C - 25C) / (54F - 77F); Min Flow Rate: 3.8 LPM / 1 GPM; Max Pressure: 6.2 bar / 90 psia
Refrigeration Configuration
Industrial-Rated Two Stage Cascade System
Hermetic Compressor for Low Temperature Application / 2
980 W
Brazed Plate Heat Exchanger With Water Cooled / 1
Capillary Tube
Cold Wall With Enhanced Heat Transfer Treatment
Manual Defrost
R404A in 1st Stage / R508B+R290 Mix in 2nd Stage / Non-Flammable
Controller/Electrical System Configuration and Features
Тор
On-Off with Circuit Breaker
Microprocessor Control with Touch Screen Input and Display. Includes USB System Data Retrieval
Yes
High Pressure Cutout Switch/High Temp Cutout Switch/Current protection/Logic protection
Single RTD (1000 ohm Platinum RTD)
RS485/4-20mA output
Fully Adjustable
Buck/Boost System
Dimensions and Construction
1300 H x 686 D x 1016 W mm (51.2 H x 27 D x 40 W in.)
1981 H x 955 D x 1250 W mm (78 H x 37.6 D x 49.2 W in.)
2111 H x 1086 D x 1299 W mm (83.12 H x 42.75 D x 51.13 W in)
High R-value Vacuum Insulation Panels and High Density Water-Blown Polyurethane Foam
Silicone-Based High Performance Seal Gasket with Electrical Door Perimeter Heater
4 Stainless Steel Shelves Adjustable In 25mm (1in) Increments. Max. Cap. per Shelf: 128 kg (285 lbs.)
Standard with Locks
Januaru Willi LUCKS
Approximately 432 kg / 951 lbs.  LN2 or CO2 Back Up System, HID Controlled Access, SMS Text, Chart Recorder, 4 or 5 Inner Doors

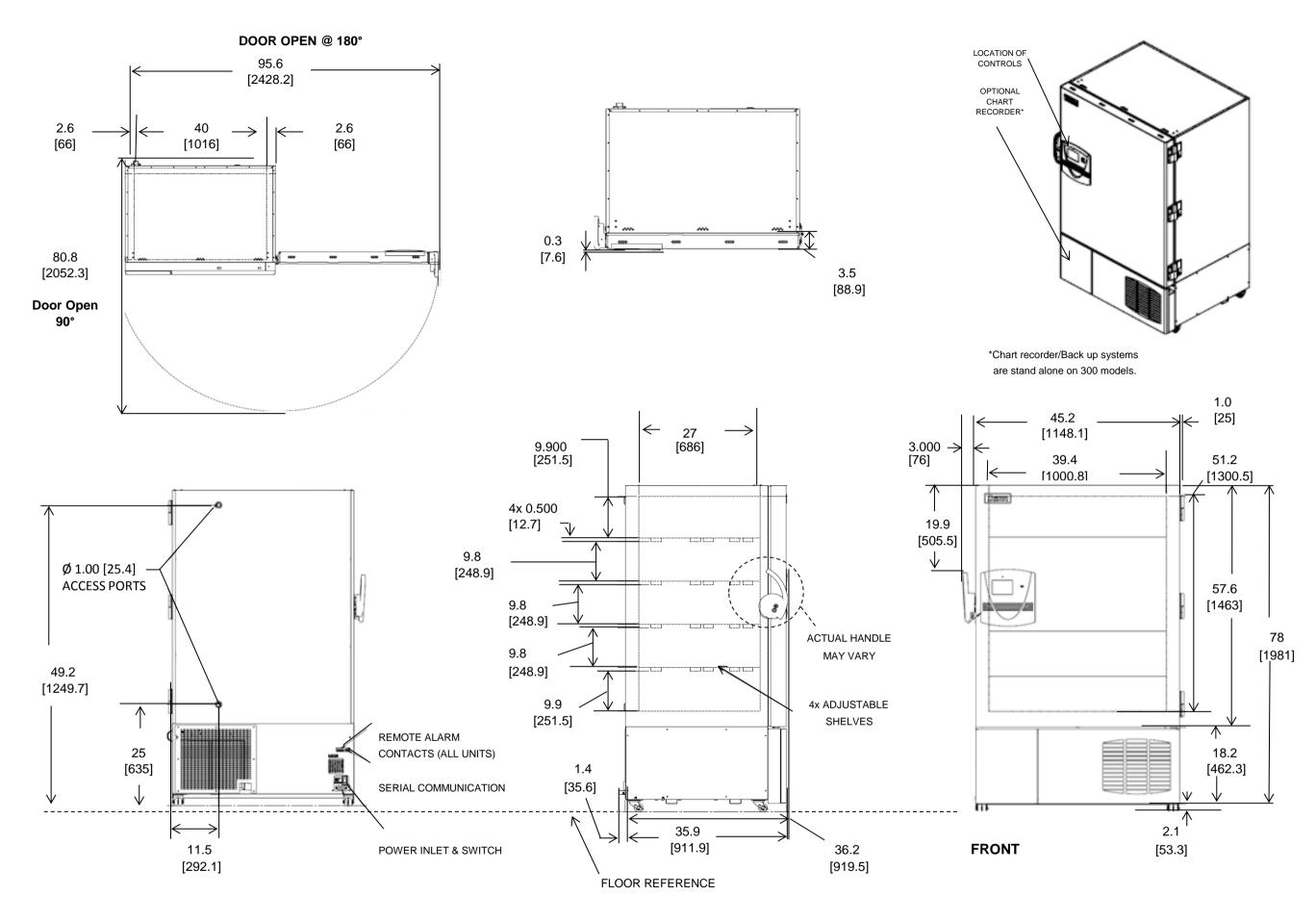






- 1) Performance is nominal and individual units may vary.
- 2) Freezer performance will differ due to product amount, product size and operating conditions.
- 3) Continuous product enhancements may, without notice, result in amendments or ommisions to this specification. Thermo Scientific cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.
- \* Manufacturer measured compressor capacity taken at standard -23°C/49°C (Evap/Cond) condition.
- \*\* For Australian/New Zealand Units: Due to different wiring regulations in Australia and New Zealand, a 10A dedicated ground circuit, protected by a circuit breaker rated for inductive loads is required for this unit. The power cord is AS/NZS 3112: 10A (2.5m length). Contact your local sales representative for more information.
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**BACK** 

## NOTE: DUAL DIMENSION IS INCH OVER METRIC

DO NOT USE FOR ENGINEERING PURPOSES. SUBJECT TO CHANGE WITHOUT NOTICE.



## **34 cuft Upright Freezer** 5 Inner Doors

5 Inner Doors
Single Outer Door
Top Mount Controls