Thermo Scientific
Forma 900 Series -86°C Freezers

Daily sample protection and dependability

Rugged construction for everyday use:

- Heavy gauge, cold-rolled steel cabinets with a powder coat finish for a uniform exterior that resists chipping and rust

- 5" (12.7 cm) foamed-in-place, polyurethane insulation

- State-of-the-art refrigeration system improves temperature control, and increases reserve capacity

- Two 1" (2.5 cm) access ports enable use of inexpedient probes

- Vacuum relief port permits easy access after door openings

- Easy-to-remove washable filter provides protection from dust on the condenser, increasing refrigeration performance

- Single-hand operation with padlock-compatible, ergonomic door handle and integrated key lock

Secure inner doors:

- Four inner doors reduce cold air loss and improve temperature recovery after door openings

Centralized information center:

- Microprocessor control and monitoring system ensure that all controls and displays are easy to reach and read

- Power management system with low voltage surge protection and buck/boost

- Optional choice of CO_2 or LN_2 safety back-up systems for additional sample protection in the event of a power or mechanical failure

Thermo
SCIENTIFIC

Thermo Scientific Forma 900 Series Upright Freezers (Temperature Range: -50°C to -86°C) CFDA Registered

| Catalogue Number | Model Number | Interior | Capacity | | Certification | Electrical | Amps/Breaker (Plug) (Plug is country dependent. See chart below) | Max. Shelf Weight | Interior Dimensions | Exterior Dimensions | Shipping Weight |
			liters (cu. ft.)	2" cryobox				kg. (lbs.)	HxWxD cm (in)	HxWxD cm (in)	kg. (lbs.)
902-ULTS	ULTS1368	Painted Interior	368 (13.0)	240	CFDA / CE	230V / 50Hz	12/15	57 (125)	130.8 x 58.7 x 49.3 (51.5 x 23.1 x 19.4)	197.9 x 91.2 x 83.6 (77.9 x 35.9 x 32.9)	323 (712)
905-ULTS	ULTS1490	Painted Interior	490 (17.3)	320	CFDA / CE	230V / 50Hz	12/15	57 (125)	130.8 x 58.7 x 64.5 (51.5 x 23.1 x 25.4)	197.9 x 91.2 x 98.8 (77.9 x 35.9 x 38.9)	376 (829)
906-ULTS	ULTS1651	Painted Interior	651 (23.0)	400	CFDA / CE	230V / 50Hz	12/15	57 (125)	130.8 x 77.7 x 64.5 (51.5 x 30.6 x 25.4)	197.9 x 110.2 x 98.8 (77.9 x 43.4 x 38.9)	399 (880)

Options (Field-installed must be installed by a qualified professional)

Description		Model Number
LN₂ Backup System Maintains temperature down to -80°C with liquid nitrogen	Factory Installed	1950447-ULTS
	Field Installed	1950448
CO₂ Backup Maintains temperature down to -70°C with CO₂	Factory Installed	1950445-ULTS
	Field Installed	1950446
Ink Chart Recorder 15.2 cm (6 in.) seven day ink recorder, to -150°C. Includes one red felt top pen and box of chart paper (qty. 50)	Factory Installed	201241-ULTS
	Field Installed	201240-ULTS
Inkless Chart Recorder 15.2 cm (6 in.) seven day ink recorder, to -150°C. Includes box of chart paper (qty. 50)	Factory Installed	201249-ULTS
	Field Installed	201248-ULTS
PT100 Sensor for connection to building automation systems	Factory Installed	1517487
	Field Installed	290211

Accessories

Des cription	Model Number
Stainless Steel Shelf Kit 368L freezer, 4 door	1519002G01
Stainless Steel Shelf Kit 490L freezer, 4 door	1519002G02
Stainless Steel Shelf Kit 651L freezer, 4 door	1519002G03

Plug Configurations (Choose our standard or speciality plugs to configure your freezer to meet your local requirements)

Model No.	Plug Description	Male End
Standard Plugs		
US125V20A	NEMA 5-20	
US230V15A	NEMA 6-15	
EU230V16A	Continental EU	
Specialty Plugs		
IN230V16A	India	
AU230V16A	Australia	
CH230V16A	China	

Thermo Scientific Forma 900 Series Upright Freezers (Temperature Range: -50°C to -86°C) General Purpose

Catalogue Number	Model Number	Interior	Capacity		Certification	Electrical	Amps/Breaker (Plug) (Plug is country dependent. See chart below)	Max. Shelf Weight	Interior Dimensions	Exterior Dimensions	Shipping Weight
			liters (cu. ft.)	2" cryobox				kg. (lbs.)	HxWxD cm (in)	HxWxD cm (in)	kg. (lbs.)
902GP-ULTS	902GP	*Painted Interior	368 (13.0)	240	CE	230V / 50Hz	12/15	57 (125)	130.8 x 58.7 x 49.3 (51.5 x 23.1 x 19.4)	197.9 x 91.2 x 83.6 (77.9 x 35.9 x 32.9)	323 (712)
909-ULTS	909				UL / CE	208-230V / 60Hz	12/15 (NEMA 6-15)				
905GP-ULTS	905GP	*Painted Interior	490 (17.3)	320	CE	230V / 50Hz	12/15	57 (125)	130.8 x 58.7 x 64.5 (51.5 x 23.1 x 25.4)	197.9 x 91.2 x 98.8 (77.9 x 35.9 x 38.9)	376 (829)
910-ULTS	910				UL / CE	208-230V / 60Hz	12/15 (NEMA 6-15)				
906GP-ULTS	906GP	*Painted Interior	651 (23.0)	400	CE	230V / 50Hz	12/15	57 (125)	130.8 x 77.7 x 64.5 (51.5 x 30.6 x 25.4)	197.9 x 110.2 x 98.8 (77.9 x 43.4 x 38.9)	399 (880)
957-ULTS	957				UL / CE	208-230V / 60Hz	12/15 (NEMA 6-15)				

*Factory-installed stainless steel interior option available

Options (Field-installed must be installed by a qualified professional)

Description		Model Number
LN₂ Backup System Maintains temperature down to -80°C with liquid nitrogen	Factory Installed	1950447-ULTS
	Field Installed	1950448
CO₂ Backup Maintains temperature down to -70°C with CO₂	Factory Installed	1950445-ULTS
	Field Installed	1950446
Ink Chart Recorder 15.2 cm (6 in.) seven day ink recorder, to -150°C. Includes one red felt top pen and box of chart paper (qty. 50)	Factory Installed	201241-ULTS
	Field Installed	201240-ULTS
Inkless Chart Recorder 15.2 cm (6 in.) seven day ink recorder, to -150°C. Includes box of chart paper (qty. 50)	Factory Installed	201249-ULTS
	Field Installed	201248-ULTS
PT100 Sensor for connection to building automation systems	Factory Installed	1517487
	Field Installed	290211
*Stainless Steel Interior	Factory Installed	SS-ULTS

Accessories

Description	Model Number
Stainless Steel Shelf Kit 368L freezer, 4 door	1519002G01
Stainless Steel Shelf Kit 490L freezer, 4 door	1519002G02
Stainless Steel Shelf Kit 651L freezer, 4 door	1519002G03

Plug Configurations (Choose our standard or speciality plugs to configure your freezer to meet your local requirements)

Model No.	Plug Description	Male End
Standard Plugs		
US125V20A	NEMA 5-20	
US230V15A	NEMA 6-15	
EU230V16A	Continental EU	
Specialty Plugs		
IN230V16A	India	
AU230V16A	Australia	
CH230V16A	China	

Australia +61 39757 4300
Austria +43 1 801 40 0
Belgium +32 53 73 42 41
China +800 810 5118 or
+400 650 5118
France +33 2 2803 2180
Germany national toll free 0800 1 536 376
Germany international +49 6184 90 6000

India toll free 1800 22 8374
India +91 22 6716 2200
Italy +39 02 95059 552
Japan +81 3 5826 1616
Netherlands +31 76 579 55 55
New Zealand +64 9 980 6700
Nordic/Baltic/CIS countries
+358 10 329 2200

Russia +7 812 703 42 15
Spain/Portugal +34 93 223 09 18
Switzerland +41 44 454 12 12
UK/Ireland +44 870 609 9203
USA/Canada +1 866 984 3766

Other Asian countries +852 2885 4613
Countries not listed +49 6184 90 6000

BRCSFORMA900-CFDA 0116

Thermo
SCIENTIFIC

A Thermo Fisher Scientific Brand