Environmental Gloves Chamber
JTH-G Series

Welltech quality construction includes: both stainless steel exterior and interior, thermal-breaks and hinged panels. For refrigeration we are using reliable compressors for high performance cooling.
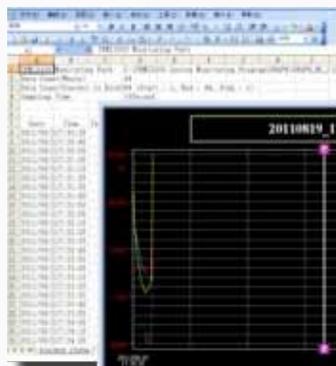
JTH-G Series

Capacity: 63L to 1500L
Temperature Range: -75 to 180C
Humidity Range: 10-99%RH

Technical Data:

- Accuracy: +/-0.5C ; 1.5%RH
- Uniformity: +/-1C ; +/-2%RH
- Heating Rate: 3C
- Cooling Rate: 3C
- Display: LCD Touch Screen Controller
- Standard: Meet EN-61010-1 Safety of Machine, CNS, JIS, IEC, ISO and ASTM standard
- Material: All 304 Stainless Steel (both interior and exterior), CFC-polyurethane foam + fiberglass, 100mm thickness
- Power Supply: Single Phase 110Vac; 220Vac; 3phase 380V, 400V or 415Vac
- With CE Certificate

Software

LCD Touch Screen Controller

Standard Features

LCD Touch Screen Controller
- With digital display, graph display, error diagnostic, programming and segments setting, alarm setting
- Program up to 120 pattern & 100 segment

Digital Humidity Probe
- Replace the tradition dry and welt bulb
- Working temperature range: -80 to 200C
- Accuracy: +/-1.5%RH

Viewing Window
- With the fluorescent lamp

Cable Port
- O.D. 40mm or 80mm

Cascade Compressors Design

Lockable Power Switch

RS232 Interface
- Comes with software
- Chamber can be controlled by PC
- Data can be stored in PC

Castors
- With leveler

Cartridge Type Water Tank
- With water level indicator

PLC Microprocessor Design
- With MCCB Circuit Protection
- Phase Protection
- Compressors Overload Protection

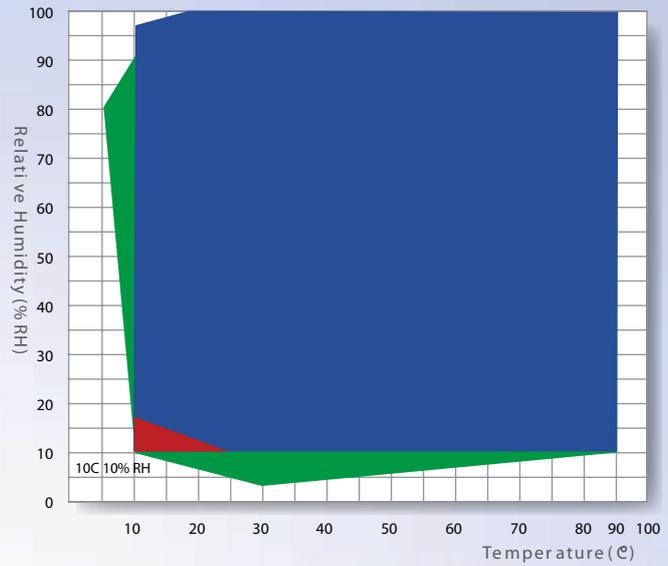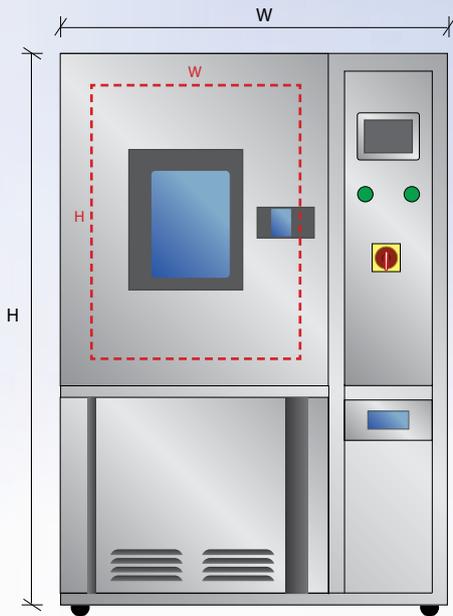**With openable iris ports
with gloves**

GLOVE PORT

- Can do the operation through the gloves. Keep constant temperature inside the chamber during operation

With gloves on iris ports

W

W

H

H

* Blue: standard range
* Red: optional low humidity range
* Green: optional ultra low humidity range

JTH-series

Optional: Temperature Range up to 180degC , add –H at the end of the model number

Model	JTH Series								
	JTH-G63	JTH-G80	JTH-G120	JTH-G150	JTH-G225	JTH-G408	JTH-G800	JTH-G960	JTH-G1000
Capacity	63L	80L	120L	150L	225L	408L	800L	960L	1000L
Temperature Range	0 to 150 degC (180degC)								
Humidity Range	10% to 98% RH								
Temperature Stability	+/-0.3 degC								
Humidity Stability	+/-1.5%RH								
Temperature Uniformity	+/-1 degC								
Humidity Uniformity	+/-3%RH								
Heating Time	2-3degC / min (option 5degC/min or more)								
Cooling Time	2-3degC / min (option 5degC/min or more)								
Internal Dimension (HxWxD cm)	45x40x35	50x40x40	60x50x40	60x50x50	75x50x60	85x60x80	100x100x80	100x100x96	100x100x100
External Dimension (HxWxD cm)	155x98x85	160x98x90	170x108x90	170x108x100	185x108x110	195x118x133	210x158x133	210x158x140	210x158x150
Material	304S.S.								
Protection	with water level warning system								
Function	Programmable control of temperature and humidity								
Power Supply	220V	220V	220V	220V	220V	380V	380V	380V	380V
Watt (KW)	2	2.5	3.2	5	5.6	6.5	8	8	9
Weight (kg)	180	190	220	250	290	320	390	410	420

JTH-J series

Model	JTH-J Series								
	JTH-G63J	JTH-G80J	JTH-G120J	JTH-G150J	JTH-G225J	JTH-G408J	JTH-G800J	JTH-G960J	JTH-G1000J
Capacity	63L	80L	120L	150L	225L	408L	800L	960L	1000L
Temperature Range	-25 to 150 degC (180degC)								
Humidity Range	10% to 98% RH								
Temperature Stability	+/-0.3 degC								
Humidity Stability	+/-1.5%RH								
Temperature Uniformity	+/-1 degC								
Humidity Uniformity	+/-3%RH								
Heating Time	2-3degC / min (option 5degC/min or more)								
Cooling Time	2-3degC / min (option 5degC/min or more)								
Internal Dimension (HxWxD cm)	45x40x35	50x40x40	60x50x40	60x50x50	75x50x60	85x60x80	100x100x80	100x100x96	100x100x100
External Dimension (HxWxD cm)	155x98x85	160x98x90	170x108x90	170x108x100	185x108x110	195x118x133	210x158x133	210x158x140	210x158x150
Material	304S.S.								
Protection	with water level warning system								
Function	Programmable control of temperature and humidity								
Power Supply	220V	220V	220V	220V	220V	380V	380V	380V	380V
Watt (KW)	2	2.5	3.2	5	5.6	6.5	8	8	9
Weight (kg)	180	190	220	250	290	320	390	410	420

JTH-R series

Model	JTH-R Series								
	JTH-G63R	JTH-G80R	JTH-G120R	JTH-G150R	JTH-G225R	JTH-G408R	JTH-G800R	JTH-G960R	JTH-G1000R
Capacity	63L	80L	120L	150L	225L	408L	800L	960L	1000L
Temperature Range	-40 to 150 degC (180degC)								
Humidity Range	10% to 98% RH								
Temperature Stability	+/-0.3 degC								
Humidity Stability	+/-1.5%RH								
Temperature Uniformity	+/-1 degC								
Humidity Uniformity	+/-3%RH								
Heating Time	2-3degC / min (option 5degC/min or more)								
Cooling Time	2-3degC / min (option 5degC/min or more)								
Internal Dimension (HxWxD cm)	45x40x35	50x40x40	60x50x40	60x50x50	75x50x60	85x60x80	100x100x80	100x100x96	100x100x100
External Dimension (HxWxD cm)	155x98x85	160x98x90	170x108x90	170x108x100	185x108x110	195x118x133	210x158x133	210x158x140	210x158x150
Material	304S.S.								
Protection	with water level warning system								
Function	Programmable control of temperature and humidity								
Power Supply	220V	380V	380V	380V	380V	380V	380V	380V	380V
Watt (KW)	3	3.2	4.2	6	6.6	7.5	10	10	12
Weight (kg)	240	280	300	320	350	380	410	450	460

JTH-Z series

Optional: Temperature Range up to 180degC , add –H at the end of the model number

Model	JTH-Z Series								
	JTH-G63Z	JTH-G80Z	JTH-G120Z	JTH-G150Z	JTH-G225Z	JTH-G408Z	JTH-G800Z	JTH-G960Z	JTH-G1000Z
Capacity	63L	80L	120L	150L	225L	408L	800L	960L	1000L
Temperature Range	-75 to 150 degC (180degC)								
Humidity Range	10% to 98% RH								
Temperature Stability	+/-0.3 degC								
Humidity Stability	+/-1.5%RH								
Temperature Uniformity	+/-1 degC								
Humidity Uniformity	+/-3%RH								
Heating Time	2-3degC / min (option 5degC/min or more)								
Cooling Time	2-3degC / min (option 5degC/min or more)								
Internal Dimension (HxWxD cm)	45x40x35	50x40x40	60x50x40	60x50x50	75x50x60	85x60x80	100x100x80	100x100x96	100x100x100
External Dimension (HxWxD cm)	155x98x85	160x98x90	170x108x90	170x108x100	185x108x110	195x118x133	210x158x133	210x158x140	210x158x150
Material	304S.S.								
Protection	with water level warning system								
Function	Programmable control of temperature and humidity								
Power Supply	220V	380V	380V	380V	380V	380V	380V	380V	380V
Watt (KW)	4	4.5	5.6	8	8.4	9.5	14	14	15
Weight (kg)	300	320	340	360	380	400	450	480	500