



Environmental Chamber JTH 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.

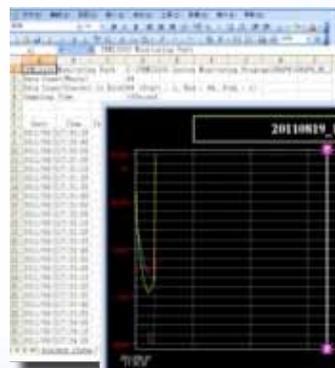
JTH Series

- 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 (Standard), 10C (option)
- Cooling Rate: 3C (Standard), 10C (option)
- 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



Digital Humidity Probe

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



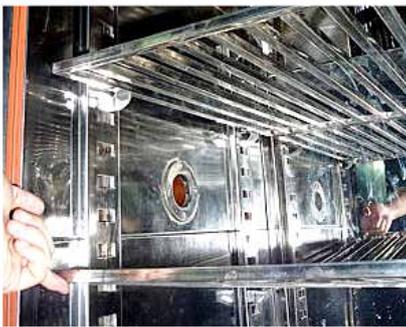
Viewing Window

- With the fluorescent lamp



Cable Port

- O.D. : 50mm, 100mm or 160mm



Adjustable Shelf



Cascade Compressors Design



Thermostat

- Temperature & humidity thermostat
- Overheat protection



Castors

- With leveler



Cartridge Type Water Tank

- With water level indicator



Lockable Power Switch



PLC Microprocessor Design

- With MCCB Circuit Protection
- Phase Protection
- Compressors Overload Protection



Data Storage On Flash Card



RS232 Interface
 • With PC software



Optional Features



Water Re-fill System

- Once the water is not enough, the water will go into the water tank automatically



CHART RECORDER

- Paper recording of temperature & humidity



Solar Lamps



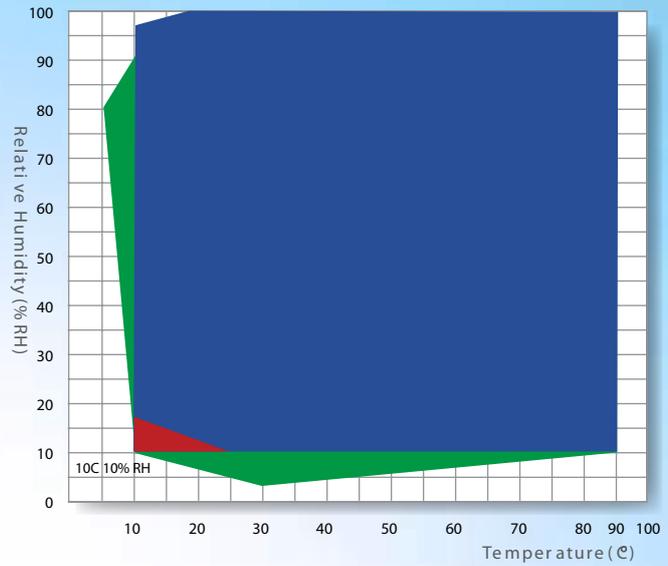
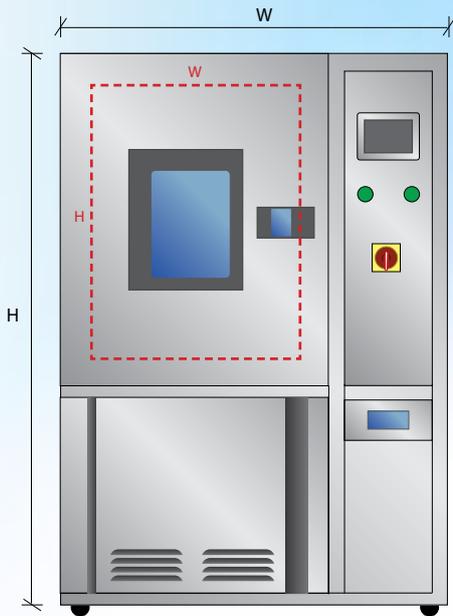
GLOVES PORTS

- User can wear the gloves and do the operation inside the chamber without open the window
- Can keep constant temperature inside the chamber during operation.



Iris ports with gloves

Outer Dimension



- * 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-63	JTH-80	JTH-120	JTH-150	JTH-225	JTH-408	JTH-800	JTH-960	JTH-1000
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

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

Model	JTH-J Series								
	JTH-63J	JTH-80J	JTH-120J	JTH-150J	JTH-225J	JTH-408J	JTH-800J	JTH-960J	JTH-1000J
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

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

Model	JTH-R Series								
	JTH-63R	JTH-80R	JTH-120R	JTH-150R	JTH-225R	JTH-408R	JTH-800R	JTH-960R	JTH-1000R
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-63Z	JTH-80Z	JTH-120Z	JTH-150Z	JTH-225Z	JTH-408Z	JTH-800Z	JTH-960Z	JTH-1000Z
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