

Lab1st DC series heating cooling circulator is an open table type circulator with compact structure and small footprint. Its temperature range is 5°C/-10°C/-20°C/-30°C/-40°C to 95°C.



Table-top Heating Cooling Bath Circulator

## Features:

- Realize inside and outside circulation, achieve "constant temperature" in the liquid tank
- The compressor can be started at high temperature
- Intelligent control system, rapid temperature rise, stable temperature, easy to operate
- Benchtop design, compact structure
- Open bath, suitable for internal/external applications
- Suitable for small applications with high precision

## Technical Data:

Model	DC-30-10L
Technical Data	
Temp. Range	-30~95°C; ±0.1°C
Environment Temp. Range	5~30°C
Optimum Ambient Humidity	45~80% RH
Electrical Requirements	220V; 1P; 50/60HZ
Heating Power [W]	1000
Temp. Sensor	PT100
Safety	Multiple protection of overheat and overcurrent
Certification	CE
Compressor	
Power [W]	450
Refrigerating Fluid	R404A
Fluid Bath	
Bath Dimension [mm]	280×220×165
Bath Openings Size [mm]	180×140
Circulation Interface	12mm Barb×2

Drain Connection	8mm
Circulation Pump	
Lift [m]	8
Rated Flow [L/min]	10
Weight   Dimension	
Running Weight [Kg]	35
Unit Dimension [mm]	420×350×820

## Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No. 9013	2024-02-06 15:14:50

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.



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## Technical Data:

Model	DC-30-15L
Technical Data	
Temp. Range	-30~95°C; $\pm 0.1^{\circ}\text{C}$
Environment Temp. Range	5~30°C
Optimum Ambient Humidity	45~80% RH
Electrical Requirements	220V; 1P; 50/60HZ
Heating Power [W]	1500
Temp. Sensor	PT100
Safety	Multiple protection of overheat and overcurrent
Certification	CE
Compressor	
Power [W]	450
Refrigerating Fluid	R404A
Fluid Bath	
Bath Dimension [mm]	300×220×200
Bath Openings Size [mm]	180×140
Circulation Interface	10mm Barb×2

Drain Connection	8mm
Circulation Pump	
Lift [m]	8
Rated Flow [L/min]	10
Weight   Dimension	
Running Weight [Kg]	36
Unit Dimension [mm]	420×350×820

## Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No. 9013	2024-02-06 15:18:07

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## Technical Data:

Model	DC-30-20L
Technical Data	
Temp. Range	-30~95°C; $\pm 0.1^{\circ}\text{C}$
Environment Temp. Range	5~30°C
Optimum Ambient Humidity	45~80% RH
Electrical Requirements	220V; 1P; 50/60HZ
Heating Power [W]	2000
Temp. Sensor	PT100
Safety	Multiple protection of overheat and overcurrent
Certification	CE
Compressor	
Power [W]	620
Refrigerating Fluid	R22
Fluid Bath	
Bath Dimension [mm]	400×320×180
Bath Openings Size [mm]	300×220
Circulation Interface	12mm Barb×2

Drain Connection	8mm
Circulation Pump	
Lift [m]	11
Rated Flow [L/min]	20
Weight   Dimension	
Running Weight [Kg]	42
Unit Dimension [mm]	485×400×925

## Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No. 9013	2024-02-06 15:19:28

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## Technical Data:

Model	DC-30-30L
Technical Data	
Temp. Range	-30~95°C; $\pm 0.1^\circ\text{C}$
Environment Temp. Range	5~30°C
Optimum Ambient Humidity	45~80% RH
Electrical Requirements	220V; 1P; 50/60HZ
Heating Power [W]	3000
Temp. Sensor	PT100
Safety	Multiple protection of overheat and overcurrent
Certification	CE
Compressor	
Power [W]	730
Refrigerating Fluid	R22
Fluid Bath	
Bath Dimension [mm]	400×320×240
Bath Openings Size [mm]	300×220
Circulation Interface	12mm Barb×2

Drain Connection	8mm
Circulation Pump	
Lift [m]	11
Rated Flow [L/min]	20
Weight   Dimension	
Running Weight [Kg]	47
Unit Dimension [mm]	485×400×925

## Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No. 9013	2024-02-06 15:20:03

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