



## circulator heating cooling water bath chiller

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### India Office

16 S/F B/S, T-Block Extn.  
Jain Colony Part-2 Uttam Nagar,  
New Delhi-110059  
info@darsunscientific.in  
(+91) 9999136670, 7835864003

### USA Headquarters

30 N Gould St, Ste R  
Sheridan, Wyoming 82801  
United States

**Darsun**Scientific



**Darsun Scientific**

# circulator heating cooling water bath chiller



## Product Overview

Cryostat circulators/Low temperature thermostatic circulator heating cooling water bath are often used to cool the heating section of semiconductor manufacturing equipment: single crystal wafer washing and reprinting, printing machines, automatic holder mounting devices, spraying devices, ion plating devices, etching devices, single crystal wafer processing devices, slicers, packaging machines, temperature management of developers, light exposure devices, heating devices for the magnetic generation section, etc. It also plays a big role in cooling the heating part of laser equipment: laser processing, heating part of fusion machine, laser marker, generator, CO2 laser processing machine, etc.

Model no	DS-8-0	DS-10-0	DS-15-0	DS-20-0	DS-30-0
Temperature range °C	0-100				
Resolution °C	0.01				
Fluctuation (±°C)	0.05				
Tank volume (L)	8	10	15	20	30
Pump flow (l/min)	13				
Power (kw)	1.3	1.6	1.7	2.1	2.3
Dimension (mm)	320x370x675	320x370x665	320x370x665	400x450x1040	450x540x990

Model no	DS-8-5	DS-10-5	DS-15-5	DS-20-5	DS-30-5
Temperature range °C	-5-100				
Resolution °C	0.01				
Fluctuation (±°C)	0.05				
Tank volume (L)	8	10	15	20	30
Pump flow (l/min)	13				
Power (kw)	1.3	1.6	1.7	2.1	2.3
Dimension (mm)	320x370x675	320x370x665	320x370x665	400x450x1040	450x540x990

# Circulator chiller

Model no	DS-8 -10	DS-10-10	DS-15-10	DS-20-10	DS-30-10
Temperature range °C	-10~100				
Resolution °C	0.01				
Fluctuation (±°C)	0.05				
Tank volume (L)	8	10	15	20	30
Pump flow (l/min)	13				
Power (kw)	1.4	1.6	1.7	2.2	2.3
Dimension (mm)	320x370 x675	320x370x765	320x370x765	400x450x1040	450x540x990

Model no	DS-8 -20	DS-10-20	DS-15-20	DS-20-20	DS-30-20
Temperature range °C	-20~100				
Resolution °C	0.01				
Fluctuation (±°C)	0.05				
Tank volume (L)	8	10	15	20	30
Pump flow (l/min)	13				
Power (kw)	1.4	1.6	1.7	2.2	2.3
Dimension (mm)	320x370 x765	320x370x765	320x370x765	400x450x1040	450x540x990

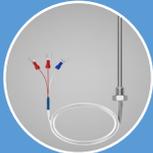
Model no	DS-8 -30	DS-10-30	DS-15-30	DS-20-30	DS-30-30
Temperature range °C	-30~100				
Resolution °C	0.01				
Fluctuation (±°C)	0.05				
Tank volume (L)	8	10	15	20	30
Pump flow (l/min)	13				
Power (kw)	1.6	1.7	2.1	2.3	2.5
Dimension (mm)	400x450 x940	400x450x940	400x450x940	400x450x1040	450x540x990

Model no	DS-8 -40	DS-10-40	DS-15-40	DS-20-40	DS-30-40
Temperature range °C	-40~100				
Resolution °C	0.01				
Fluctuation (±°C)	0.05				
Tank volume (L)	8	10	15	20	30
Pump flow (l/min)	13				
Power (kw)	1.8	2.0	2.3	2.5	2.7
Dimension (mm)	400x450x9 40	400x540x990	400x540x990	400x450x1090	450x540x1090



# Circulator chiller

## FEATURES



PT-100 temperature sensor the heating pipe is made of Darsun U-shaped three wire system more accurate easement



silent circulating pump pure copper core motor, rotor nc gear grinding treatment silent circulation stable and noise effectively temperature uniformity



All copper tube refrigeration nickel plated copper tube effective corrosion protection good heat exchange and long service life .



Invisible drain valve the appearance is clean and tidy and the drainage is more convenient



Aluminum silicate fiber cotton flame retardant and high temperature resistant effectively maintain the temperature in the cabin



Thickened carton packaging , thickened multilayer corrugated box Ensure product transportation safety