



Air-cooling Chamber



SACC-3000+Return air Cover (Option)

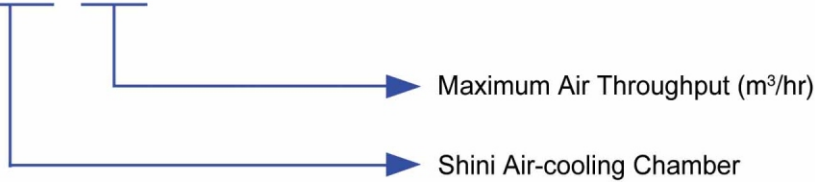


Refer carefully to the manual before using products.



■ Coding Principle

SACC - xxxx



■ Features

Standard configuration

- Equipped with reverse phase, default phase, overload and high temperature protection. Both buzzer and warning light would send alert of breakdown, making operation secure and reliable.
- Adjustable cool air temperature of 12~24°C, real time display of cool air temperature.
- Equipped with the pull-out air filter which has simple structure and it is convenient to clean filter screen.
- Equipped with negative pressure detector to monitor air suction channel to avoid blockage.

Accessory option

- Return air cover is available as option, which is used to recycle the output cold air.



Control Panel



Return Air Cover (Option)

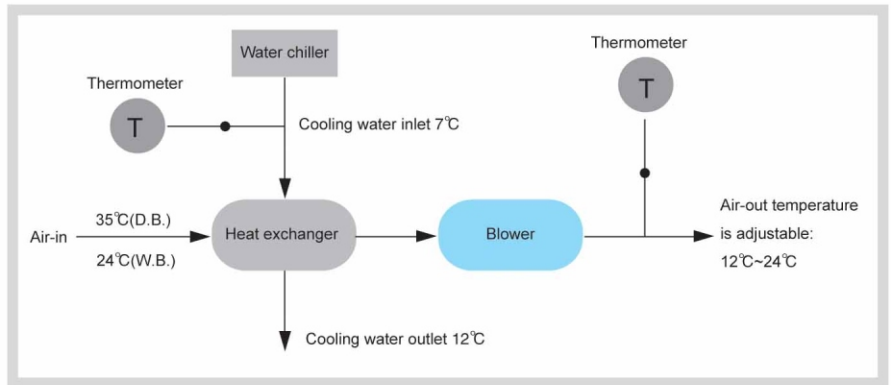
■ Application

SACC series adopts highly-efficient heat exchanger to fulfill interchange of heat between inlet air and cooling water. Which lowers inlet air temperature to the output cold air with temperature of 12~24°C. This series are applicable for extrusion blow film line, cold-air stereotype of bag blaster, moulds dehumidification and preventing moisture condensation of moulds.

■ Working Principle

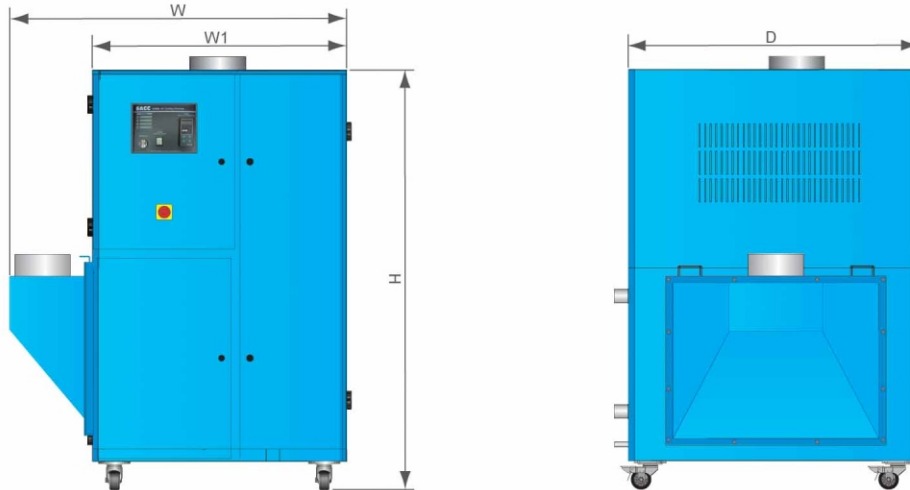
SACC needs to collocate with water chillers or chilled water system and uses heat exchanger with cooling water to finish heat exchange and dehumidification to high temperature air. Centrifugal blower fan firstly absorb inlet air, again through the fan outlet cooled air is discharged after the treatment. Cold water after heat exchange is sent back water chillers or chilled water system for cycle use through cooling water outlet.

Before SACC start working, cooling water inlet should connect with and water chillers or chilled water outlet of chilled water system. And cooling water outlet should connect with water chillers or circulating water inlet of chilled water system, by adjusting the flow of intake cooling water and cold water temperature can get different air outlet temperatures;



Switch on SACC, cooling water began to circulate in heat exchanger, and after operation, centrifugal blower form the closed channel by integrating air collecting cover, heat exchanger and air inlet joint. Then closed channel would absorb external high-temp. air into heat exchange to get through heat exchange and dehumidification. Intake air after treatment enters centrifugal blower through air collecting cover, then blower send cold air to cold air outlet. The temp. of exporting cold air can be detected by feeling temp. needle and be displayed via temp. controller. Return air cover is optional for recycling the exporting cold air.

■ Outline Drawings



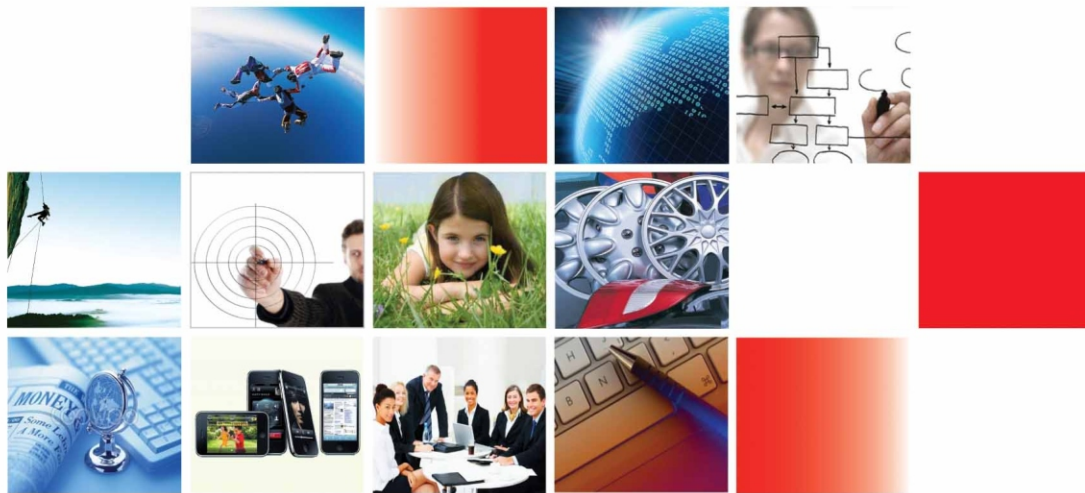
■ Specifications

Model	Max. Air Throughput (m ³ /hr)	Cold air Capacity (kW)	Power of Blower (kW)	Collocating With Chillers (HP)	Air-out Stemp (°C)	Cooling Water Caliber (inch)	Drain Caliber (inch)	Cold air Caliber (inch)	Dimensions H×W×D (mm)	Weight (kg)
SACC-1000	1,000	13.5	0.55	8 / 5	11 / 13.5	1.5	1.5	8	1100×1000×960	240
SACC-2000	2,000	27.5	0.75	12.5 / 10	11 / 14	2	2	8	1420×1100×1000	280
SACC-3000	3,000	40	1.5	15 / 12.5	11 / 16	2	2	10	1650×1280×1100	310
SACC-4000	4,000	55	2.2	25 / 20	11 / 14	2	2	10	1720×1600×1430	380

Note: 1) Maximum throughput above is based on testing without opting for return air cover.

2) Power: 3Φ, 400VAC, 50Hz

We reserve the right to change specifications without prior notice.



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