

## ■ Operation

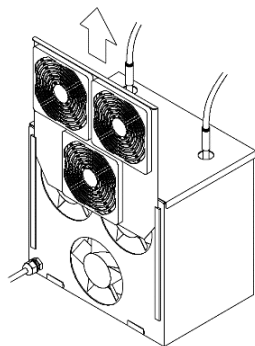
After installation is complete, turn on the power of the Cascom-S. Wait for 10 minutes until cooling water circulates completely. After cooling water circulates completely, water level of the optional chiller will lower. Pour water in accordance with the instruction manual of the Cascom-S.

The installation is finished. The machine is ready to cast.

## ■ Deterioration of the cooling function

When the water overheating error is displayed, the cooling function may be deteriorating. Make sure the following.

- Keep the machine away from other equipment.
- Remove the filter as indicated below and clean the dust with an air gun.  
Note) If an air gun is used without removing the filter, the dust filled in the machine may cause malfunction.
- The cooling fans work with fans of the optional chiller. When the cooling fans do not work, contact our support team for repair.



## ■ Specifications

Dimensions & Weight	304(W)×396(H)×212(D) 9kg
Power Requirement	AC220-240V ± 10% 50/60Hz
Power Consumption	50VA and less
Cooling Method	Air Cooling Radiator
Environment	Temperature 10~40°C Humidity 30~90% (Non condensing)

**DENKEN-HIGHDENTAL Co.,Ltd.**

24-3 Kisshoin Ishiharakyomichi-cho, Minami-ku, Kyoto, 601-8356, JAPAN










TEL : 81-75-672-2124 E-mail : info@denken-highdental.co.jp



We recommend you to follow these instruments for proper use of the unit.

The safety precautions contained herein and the accompanying icons are provided for the safe use of this machine and to prevent injuries and loss on material resources. Please read them carefully prior to your actual machine operation. It is recommended that use of this unit should not be attempted by anyone who is not well informed of the precautions necessary for machine operation.

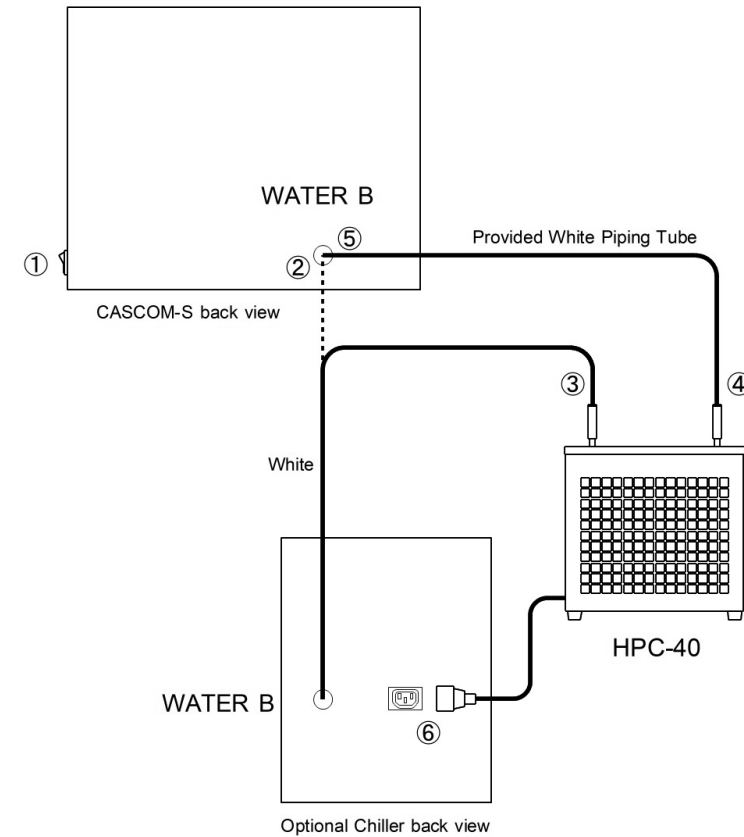
	<b>WARNING</b>	Failure to follow or ignorance of the directions may cause severe injury or death.
	<b>CAUTION</b>	Failure to follow or ignorance of the directions may cause injuries or damages to material properties.
<b>⚠ WARNING</b>		
	Unplug	In the event when there is smoke, abnormal odors or sounds, unplug immediately and contact the dealer for repairs. Continued use may cause electric shock or fire.
	Unplug	In the event when water or debris enters the machine, unplug immediately and contact the dealer for advice. Continued use may cause electric shock or fire.
	Unplug	In the event when the machine is dropped or the exterior frame is dented, unplug immediately and contact the dealer for advice. Continued use may cause electric shock or fire.
	Do Not Disassemble	Do not remove the panels or parts uninstruced or modify them in any manner. Some of the parts inside contain high voltage and contact with them may cause fire or electric shock. We recommend you to contact the dealer for repairs or machine maintenance.
	Not Designated Volt. Prohibited	Plug to the power outlet of the designated voltage described in the main specifications. Use of any other voltage may cause fire or electric shock.

 <b>CAUTION</b>	
 Check prior to use	Check the machine for signs of parts damage prior to use and make sure the unit is in normal state. Contact the dealer for advice if you find anything abnormal.
 Strictly Required	Plug the main power cord completely into the power outlet. The plug may heat up and cause fire or burns if not entirely plugged in. In addition, if the metal part of plug is touched while the plug is not fully plugged in, electric shock may result.
 Unplug	In case of periodic machine maintenance, unplug the power cord from the power outlet. Do not handle the plug with wet hands. This may cause electric shock.
 Prohibited	Do not place the machine on an unstable base to prevent falling or damage to the unit. This may cause injury.
 Prohibited	Keep the unit away from walls and other equipment. • Leave minimum of 20cm of space around the unit.
 Prohibited	When you unplug the power cord from the power outlet, do not pull the cord. If the cord is damaged, it may cause fire or shock. Always remove by handling the plug.
 Prohibited	Do not place heavy items or place machine on the power cord and make sure that the cord is not pulled too tightly and not damaged. This may cause fire or electric shock.
 Prohibited	This machine is for Cascom-S. We do not recommend you to use the machine for any other purposes.

## ■ Installation

When you unpack the machine, make sure that the white tube (1.7m) is included. Review and follow the instructions below.

- ① Turn on the power of the Cascom-S.
- ② Pull out the WATER B piping tube of the Cascom-S.
- ③ To prevent water leaking, put the machine in a higher place than the optional chiller. Connect the pulled-out WATER B piping tube to the machine.  
Note) Water will flow when the tube is lower than the chiller's water surface.
- ④ Set up the machine on a flat stable table and connect the provided white tube to another outlet.
- ⑤ Connect to the WATER B.
- ⑥ Connect the power cord of the machine to OPT. CHILLER OUTLET of the optional chiller.



Note) Connect the white piping tube completely until the red line. Improper piping may cause water leaking.  
Note) The drawing does not include other piping tubes.