

# Air Blow Cooler controller

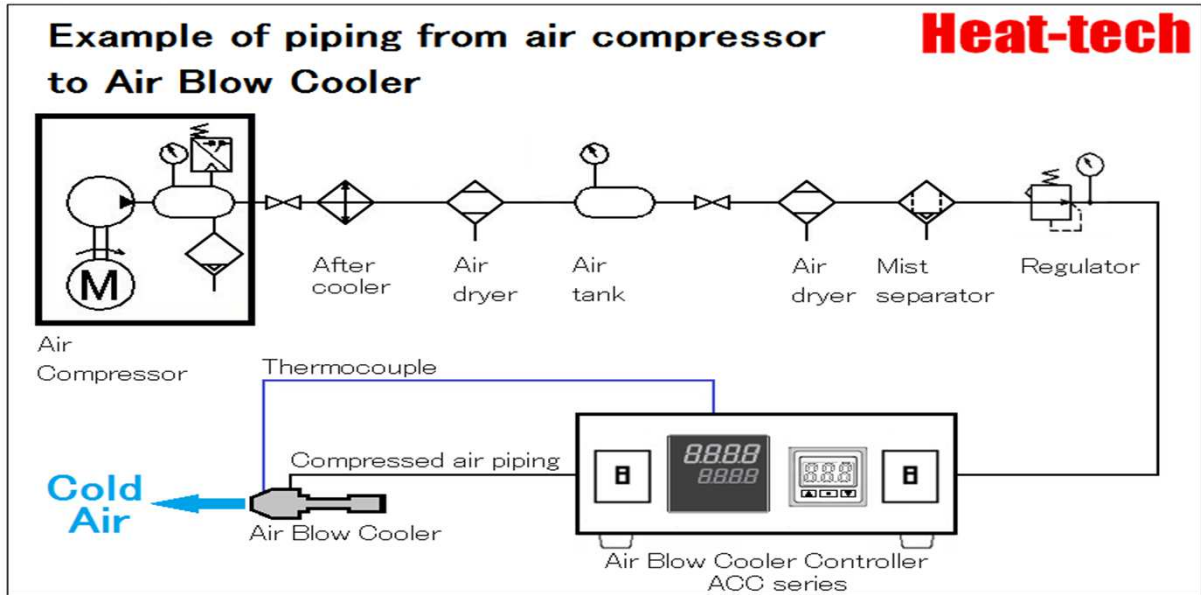
## ACC series



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◆ **Feature** ◆

ACC series performs stable cooling control by feedback control using a thermocouple.



**[Specifications]**

D/#	Features
ACC-0.7MPa-300L	Temperature controller surface mounted
ACCP-0.7MPa-300L	Temperature controller and pressure gauge surface mounted
ACCPFM-0.7MPa-200L	Temperature controller, pressure gauge and flow meter surface mounted
ACCPFM-0.7MPa-300L	Temperature controller, pressure gauge and flow meter surface mounted

Options

D/#	Item and Description
TP	Thermo controller : Pyrometer input
TMR1	Mounting surface.-For one-shot cooling
TMR2	Mounting surface.-For thermal holding time
TMR3	Mounting surface.-cooling time for the predictive maintenance
RC1	Cooling start or stop in the signal from outside
RC2	Specified output voltage in 4-20mA from outside
RSP	Specified thermocontroller temp. in 4-20mA
MON	Monitor, Output 4-20mA signal the temperature of the cooling object.
RS485	RS-485 Communication
IOT	IOT function
TCB	Thermocouple break alarm
AP	Cooling air pressure shortage alarm
FPR	Front Protection Rail
RPR	Rear Protection Rail
PM	Pyrometer mounted surface.
FX570	Flexible Stand for Pyrometer
Pyrometer	Pyrometer to choice of applications, and then fitted adjusted to the heater controller.
Power Cable	Manufacture the specification of the power cable.
+α	If user need a function other than the above, please contact us.

[Note] When the to add a function, there is that the external dimensions changes.

## **Standard type ACC**

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ACC has a separate main power switch and cooler start switch, so user can start cooling after setting the temperature.

And, it is possible to report that the cooling temperature has not been reached as an option. In addition, the jetting temperature can be externally output to 4-20mA as an option.

## **Built-in pressure gauge ACCP**

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ACCP has a separate main power switch and cooler start switch, so user can start cooling after setting the temperature.

And, it is possible to report that the cooling temperature has not been reached as an option. In addition, the jetting temperature can be externally output to 4-20mA as an option.

The ACCP is equipped with a pressure gauge so that user can visually check the pressure. And, a pressure shortage alarm can be issued.

In addition, the pressure can be externally output to 4-20mA as an option.

## **Built-in pressure gauge and flowmeter ACCPFM**

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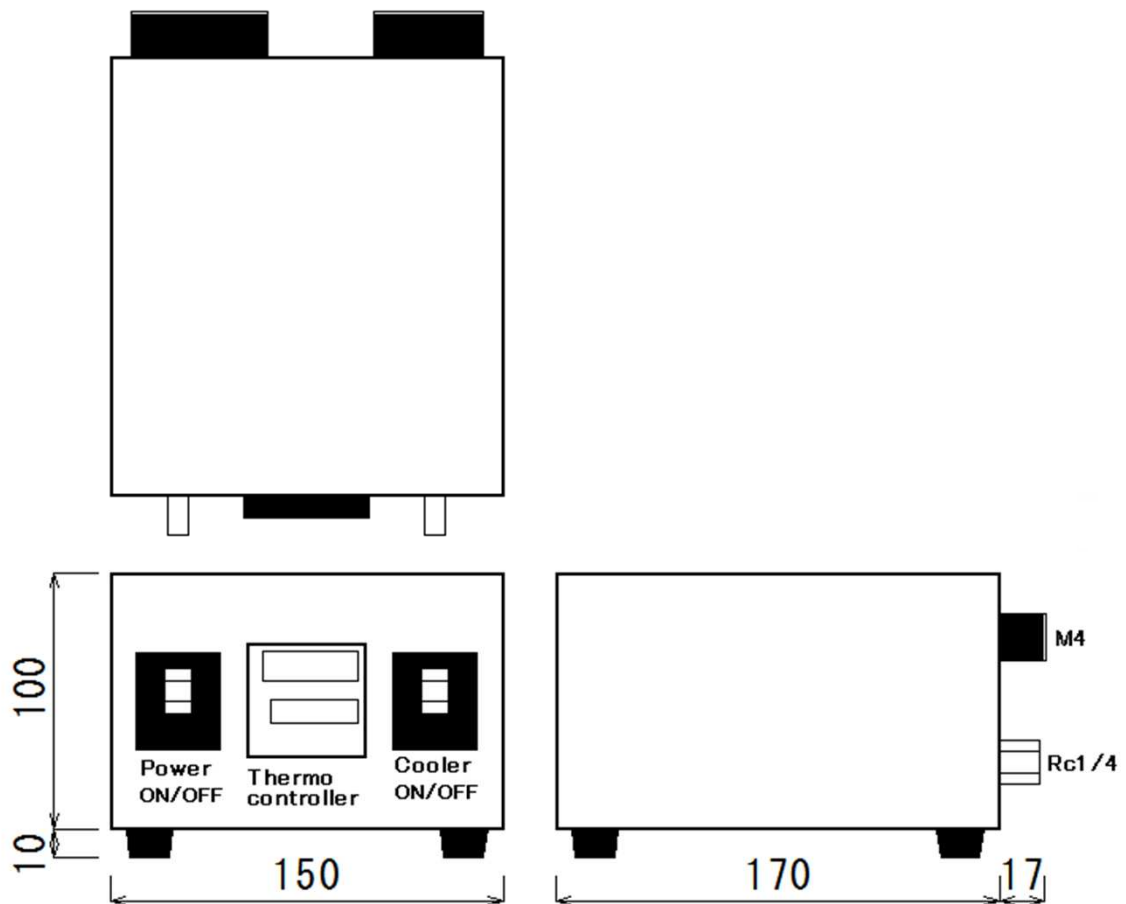
And, it is possible to report that the cooling temperature has not been reached as an option. In addition, the jetting temperature can be externally output to 4-20mA as an option.

The ACCPFM is equipped with a pressure gauge so that user can visually check the pressure. And, a pressure shortage alarm can be issued.

In addition, the pressure can be externally output to 4-20mA as an option.

The ACCPFM is equipped with a flow meter to visually check the flow rate. And, a flow rate shortage alarm can be issued.

In addition, the flow rate can be externally output to 4-20mA as an option.



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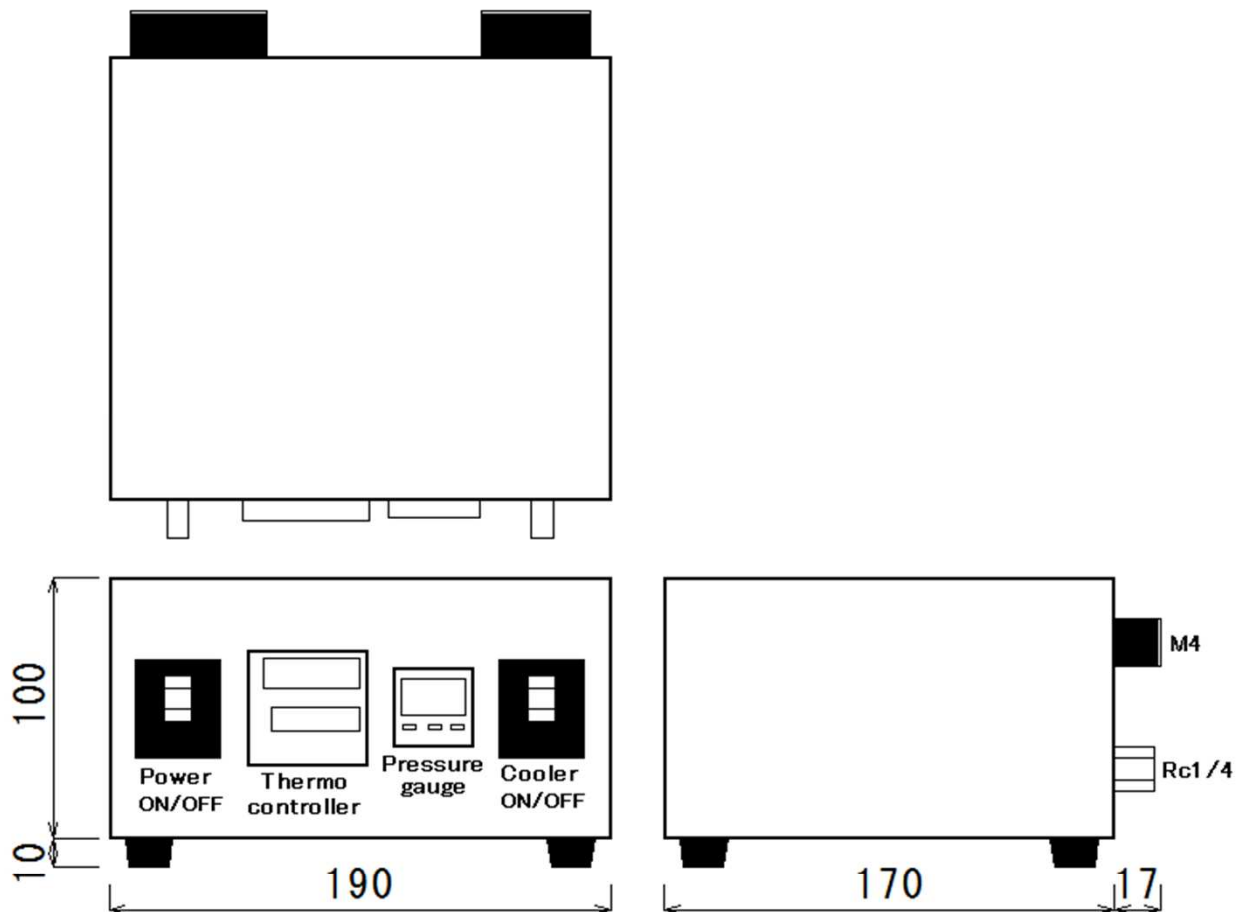
[Note]

When the to add a function, there is that the external dimensions changes.

Control method	Time division PID control
Current temperature measurement	K thermocouple
Power-supply voltage	AC100V~240V
Rated pressure	0.05MPa~0.7MPa
Rated flow rate	300L/min
D/#	ACC-0.7MPa-300L
Model	.Air Blow Cooler controller

Date	2020/5/13	Draw	Y.Shimoda
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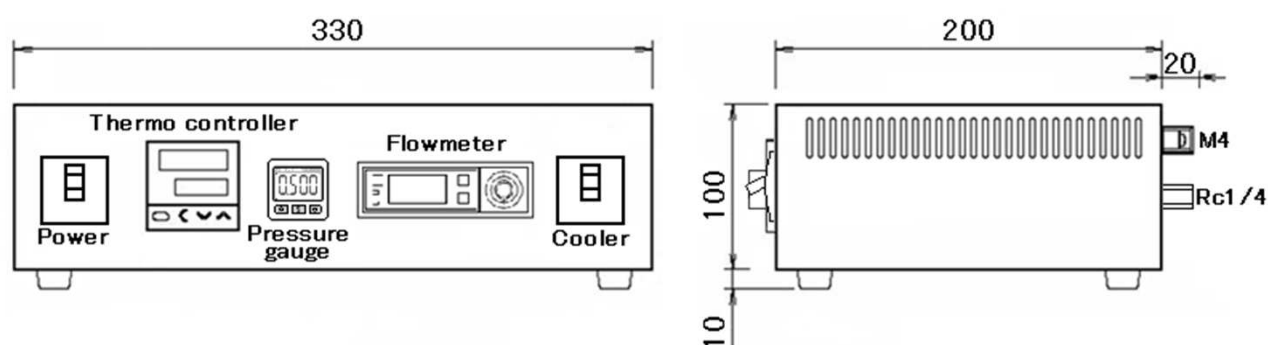
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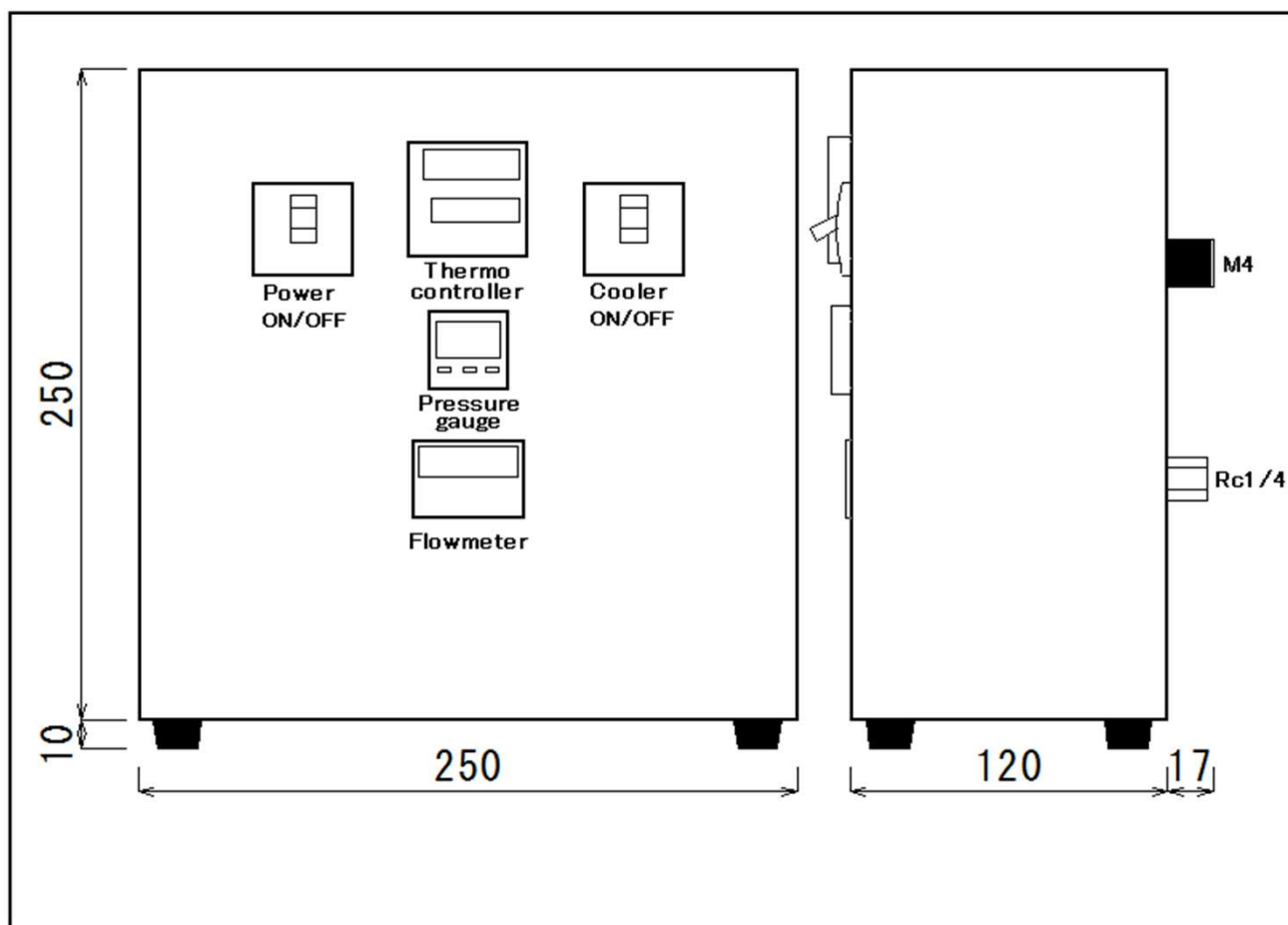
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<b>Control method</b>	<b>Time division PID control</b>
<b>Current temperature measurement</b>	<b>K thermocouple</b>
<b>Power-supply voltage</b>	<b>AC100V~240V</b>
<b>Rated pressure</b>	<b>0.05MPa~0.7MPa</b>
<b>Rated flow rate</b>	<b>300L/min</b>
<b>D/#</b>	<b>ACCPFM-0.7MPa-200L</b>
<b>Model</b>	<b>Air Blow Cooler controller</b>

Date 2020/9/2 Draw Y.Shimoda

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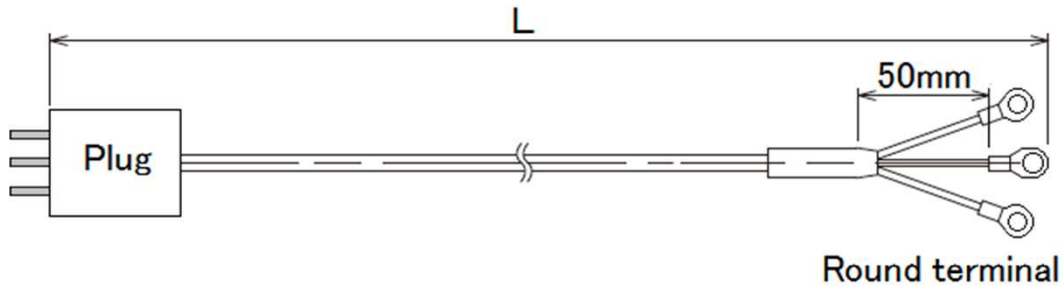
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Date	2020/5/13	Draw	Y.Shimoda
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# Power Cable for Heater Controller

Manufacture the specification of the power cable.



Type A	Type B	Type C	Type D	Type E	Type F
Type G	Type H	Type I	Type J	Type L	

VOLT	NEMA	15 AMPERE		20 AMPERE		30 AMPERE	
		Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
125 V	L1	 L1-15R	 L1-15P				
250 V	L2			 L2-20R	 L2-20P		
125 V	L5	 L5-15R	 L5-15P	 L5-20R	 L5-20P	 L5-30R	 L5-30P
250 V	L6	 L6-15R	 L6-15P	 L6-20R	 L6-20P	 L6-30R	 L6-30P
277V, A.C.	L7	 L7-15R	 L7-15P	 L7-20R	 L7-20P	 L7-30R	 L7-30P
480 V	L8			 L8-20R	 L8-20P	 L8-30R	 L8-30P
600 V	L9			 L9-20R	 L9-20P	 L9-30R	 L9-30P

When the plug or the connector which the upper figure does not have are necessary, we will manufacture as much as possible.

<< Quotation model specification method >>

(Heater controller model) - (Plug shape) - (Cable length)

<< Quotation example >>

ACCP-TypeA-5m



No-touch High Temperatures Hating

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