



Korean World-class
product Award 2011

Rcom APS

AUTOMATIC PUMPING SYSTEM



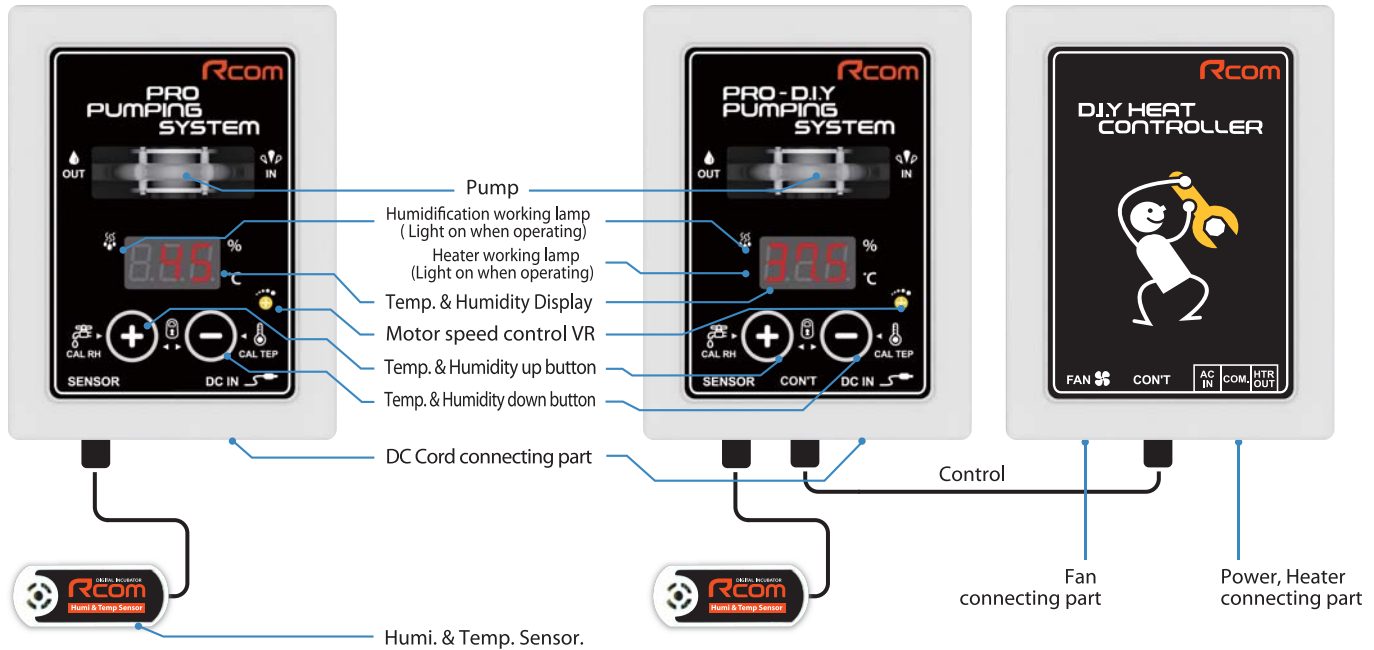
APS

APS PRO

If you already have an incubator, which only controls temperature, and in case you want to control humidity, Rcom APS PRO is the best way.

APS PRO D.I.Y

The best solution to control both temperature & humidity easily at lowest cost for DIY artificial incubator is Rcom APS DIY.



FEATURES & ADVANTAGES of APS PRO / APS PRO D.I.Y

- ▷ Automatic Humidity Controlling Apparatus by setting up the button.
- ▷ Automatic Temperature Controlling Apparatus by setting up the button. ★
- ▷ Heater Controller Apparatus for automatic temperature controlling. ★
- ▷ Temperature and humidity calibration function.
- ▷ Strong Motor and pumping ability which can take up the water to the high place in easily.
- ▷ Improvement for durability of the silicon tube as minimizing the coefficient of the friction by 4 units of revolving roller.
- ▷ Controlling VR adoption which can control the pumping volumes in easily from outside by controlling the motor speed.
- ▷ Precise Humidification Controlling Function as humidify by pumping a minute quantity of water.
- ▷ FND display function of current temperature and humidity.
- ▷ Natural Humidification Method without albinism. (using the evaporating pad).
- ▷ Prevention flow backward of water by using the high reliability Tubing Pumping method.
- ▷ Rising in reliability for the measurement values by adopting the third generation temperature and humidity sensor.(Sensirion in Swiss)
- ▷ Compact size to be applied easily for the other equipments.
- ▷ Electric safety by 12V adaptor low voltage(except the heater inputting voltage ★).
- ▷ Forcing pumping function (possible to operate for two minutes) by simple function.

★ marks are only for APS PRO D.I.Y

SPECIFICATION

Name	APS PRO	APS PRO DIY
Input Voltage	12V(12V adaptor included)	
Power Consumption	25mA	
Dimension	(W)75×(D)28×(H)100(mm)	
Weigh	120g	150g
Display	Humidity(Temperature)	
Control System	Self humidity control	Humidity, Temp, Fan, Heater Control
sensor	○	○
Heater	×	Up to 350W 100~110V : 3A / 220~240V : 1.5A
Heat controller	×	○
Evaporating pad	○	○

▼ How to set-up APS PRO in D.I.Y incubator. ex) APS-PRO

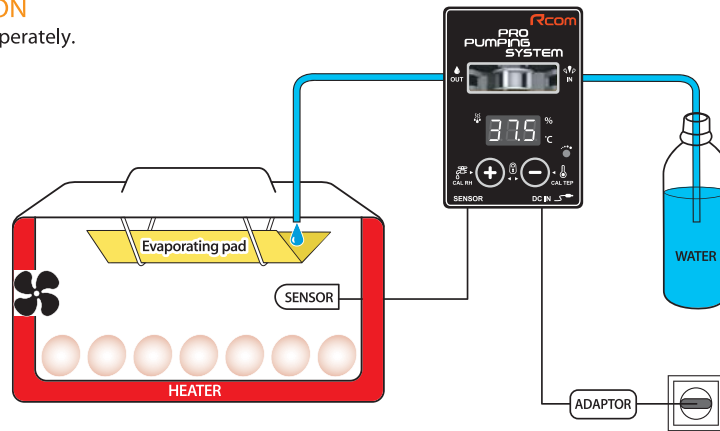




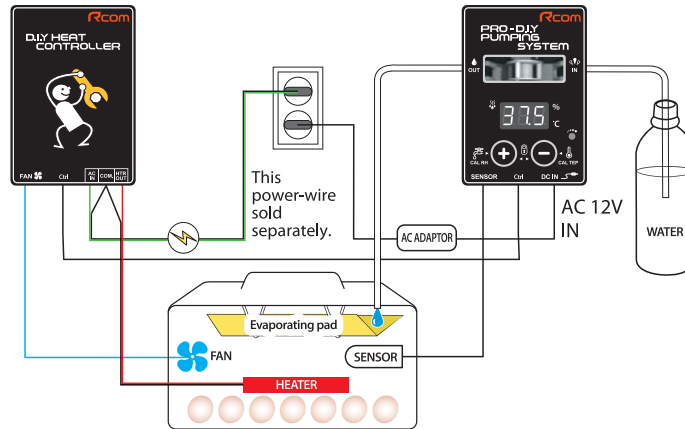
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APS PRO APPLICATION

※ Heater for DIY is sold separately.



APS PRO D.I.Y APPLICATION



HOW WATER RUNS



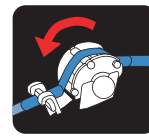
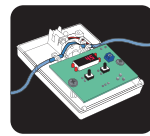
Water out



Pumping











Water in







APS PRO D.I.Y EASY OPERATION

Function	How to operate	Function	How to operate
Humidity Set	+ + - ▶ rH ▶ + or - ▶ 30sec. ▶ Auto-saved 1Time Increase Decrease	Return to Original Factory Set	+ + - ▶ rS ▶ Return to factory set completed. 5sec.
Humidity Calibration	+ + POWER IN ▶ CA ▶ + or - ▶ 30sec. ▶ Auto-saved HOLD Increase Decrease	Temperature Set	+ + - ▶ tE ▶ + or - ▶ 30sec. ▶ Auto-saved 2Time Increase Decrease
Temp. & Humi. Set or Calibration Limits	▶ Humidity Set : 20% ~ 80% (Default setting : 45%) ▶ Temperature Set : 20°C ~ 42°C (Default setting : 37.5°C) ▶ Humidity Calibration : -20%(20 step) ~ 0 ~ +20% ▶ Temperature Calibration : -10°C(Approx. 100 step) ~ 0 ~ +10°C	Manual Pumping Operation	+ 5sec. Manual Pumping Operation for 2minutes + 10sec.
		Temperature Display	Press - button to see the Temperature.

OPTIONAL PARTS

 Humidity pad (Included)	 Humi. & Temp. sensor. (Included)	 Adaptor (Included)	 Humidity pad clip (2pcs.) (Included)
 Heating control connector (Included)	 Heater (Sold separately)	 Power cord (Sold separately)	 BLDC fan (Sold separately)

TECHNOLOGY

 Water pump speed control	 FND display	 Pump Motor	 Four rotating roller
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