MICROTEC

TITAN QUICK GUIDE

TCAP-AP2-Combo

TITAN Double Station Pneumatic Cap & Label Press

One picture per step. Scan a QR code or tap “Watch” to see that exact step in our video.



Safety first

The heat plate gets very hot
Up to 446°F. Never touch it. Keep children and pets away.

Use a grounded 120V outlet
3-prong outlet only. Do not use an extension cord.

Air power closes the press
It presses down hard by itself. Keep hands, arms and hair away from the plates and the moving head.

Indoors, dry, airy room
Level, heat-safe surface. Away from water and anything that can burn. Room temperature 41–104°F.

Emergency? Press the big **red EMERGENCY STOP button** under the screens. The heat plate lifts up and stops right away. Then turn off the power switch.

1 Unbox

Watch 0:24



1. Remove the top panel of the crate

Two people. The machine is heavy.



2. Remove the side panels

Unscrew them and set them aside.



3. Unbolt the machine from the base

Then lift it by the frame, never by the handles or control box.

4. Keep all packaging

You will need it if the machine ever has to come back for service.

In the box: double-station press with cap heat plate and 2 cap pads, plus flat label plates (heat plate and 2 lower plates), 4 silicone cap pad sizes, power cord.

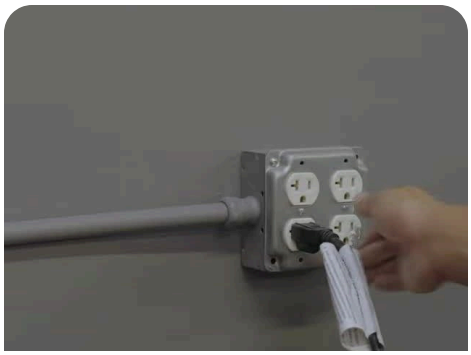
2 Set up

Watch 0:54



1. Put it on a sturdy, level table

Leave room on both sides — the heat plate slides left and right.



2. Plug into a grounded 120V outlet

3-prong wall outlet. No extension cord.



3. Connect the air hose

Compressor off. Pull back the sleeve on the hose coupler, push the press's air plug in until it clicks.



4. Turn on the compressor and the power switch

The power switch is the red rocker switch on the frame. Listen for hissing — if air leaks, turn off and reconnect firmly.

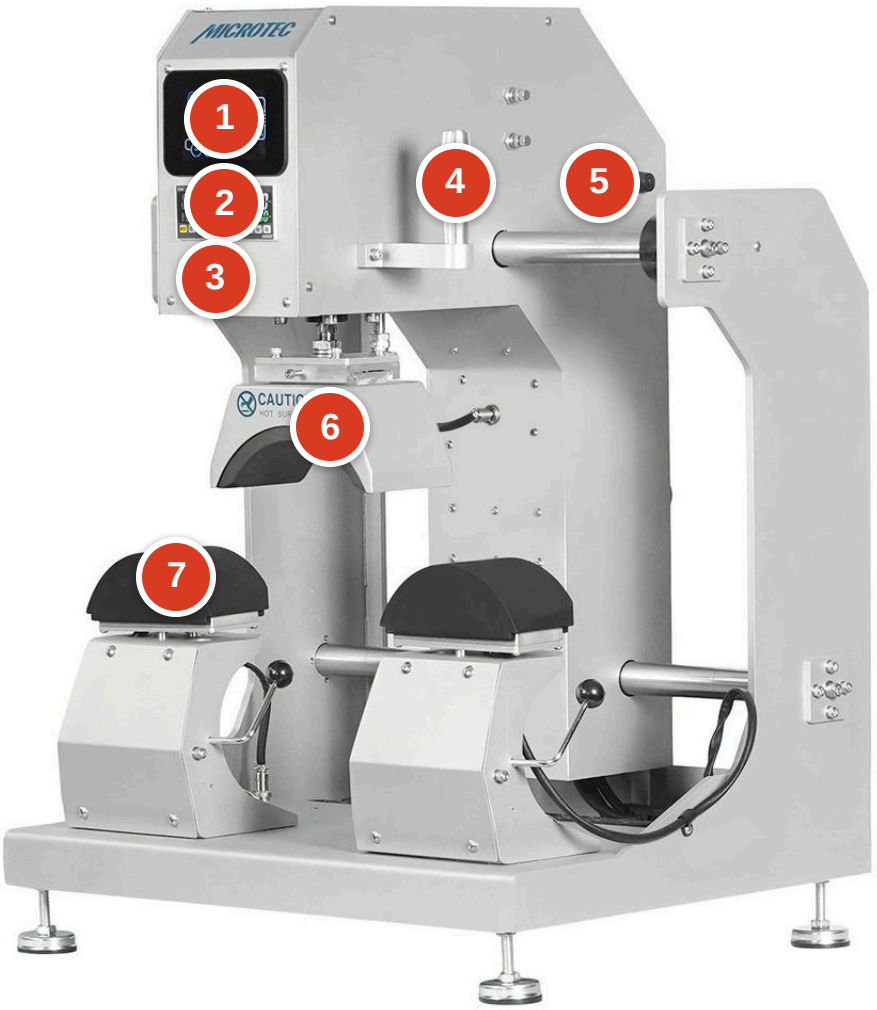


5. Set the air pressure to 0.4–0.6 MPa

Turn the black knob on the gauge until the needle is between 0.4 and 0.6 MPa (4–6 kg/cm²). Clockwise ↻ = more pressure, counter-clockwise ↺ = less. If the knob won't turn, pull it up first; push it down to lock. Turn a little at a time and watch the gauge.

3 Know your machine

Watch 1:27



1 Touch screen (GY-13)
Top heat plate temperature and timers.

2 Left / right lower plate controllers (TC4S)
Temperature of each lower station.

3 Red EMERGENCY STOP
Press to stop and lift the plate at once.

4 Start handles (left and right)
Slide the heat plate over. Press both start buttons together to press.

5 Power switch
Red rocker switch. The fuse holder is right next to it.

6 Heat plate (HOT)
Slides between the two stations. Do not touch.

7 **Lower stations with cap pads**
Load one while the other is pressing.

On the right side: air pressure gauge, 2 speed valves (one for lifting, one for pressing down), air inlet and power cord.

Label kit: swap in the flat heat plate and flat lower plates to press labels.

4 Control panel

Watch 2:15



1 **1 · 2 · 3 (top row)**
Your 3 saved settings. Tap one to use it.

2 **Big number (yellow)**
Top heat plate temperature.

3 **Two blue timers**
Timer 1 (top) runs first, then Timer 2 (bottom) starts by itself.

4 **− S +**
S = choose what to set. + and − change the number.

5 **Two small TC4S controllers**
Left and right lower plate temperature. Red = now, green = set.

Set temperature and time



1. Tap S — temperature

°F blinks. Tap + or − to change it.



2. Tap S — Timer 1

Top timer blinks. Tap + or −.



3. Tap S — Timer 2

Bottom timer blinks. Tap + or −.



4. Tap S to save

Back to the main screen.



5. Lower plates: press MODE

One digit of the green number blinks.
◀◀ picks the digit, ▼ ▲ change it. Press MODE to save.

Only need one timer? Set Timer 1 to **0** and use Timer 2 only.

Settings save by themselves to whichever preset (1, 2 or 3) is framed. On the TC4S, if you press nothing for 2 seconds it saves by itself and the green OUT light comes on while heating.

Quick reference

I WANT TO…	DO THIS
Switch between my 3 saved settings	Tap **1** **2** or **3**
Change top temperature or time	**S** → **+** **−** → … → **S**
Change a lower plate temperature	**MODE** → ◀◀ ▼ ▲ → **MODE**

Ranges: temperature 32–446°F · Timer 1 and Timer 2: 0–999 sec.

5 Your first press

Watch 2:48



1. Set temperatures and times, then wait to heat up

Top plate on the touch screen, lower plates on the 2 small controllers. MicroTec DTF film: 300°F, 6 seconds.



2. Pull a cap onto the free station

Use the station that does NOT have the heat plate over it.



3. Place your transfer on the cap

Smooth and straight.



4. Slide the heat plate over, then press both start buttons

Use both handles. Press the left and right buttons at the same time.



5. It presses and counts down

At 0 the heat plate lifts by itself. Load the other station while you wait.



6. Peel and take the cap off

MicroTec DTF film: hot peel — peel right away while hot. Other transfers: follow their instructions. The cap is hot.



7. Repeat on the other station

Slide the plate over to the loaded cap and press again.

⚠ Timer 1 and Timer 2 run one after the other in a single press. Set Timer 1 to 0 if you only want one.

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6 If something is wrong

⚠ Won't turn on

1. Check the plug and the wall outlet.
2. Turn the power switch on.
3. Check the fuse in the fuse holder next to the power switch.

⚠ Won't press down

1. Check the compressor is on and the hose is clicked in.
2. Check the gauge reads 0.4–0.6 MPa.
3. Press both start buttons at the same time.
4. Make sure the red emergency stop is not pushed in.

Lower plate lifts up during pressing

1. Watch the video to adjust it.

Watch the fix

Temperature jumps around

1. Turn off and unplug first.
2. Then check the sensor cable as shown.

Watch the fix

Screen temperature is not the real temperature

1. Check with a surface thermometer.
2. Set the offset as shown in the video.

Watch the fix

Gets too hot

1. Turn off and unplug.
2. Follow the video to check.

Watch the fix

DTF transfer peels or won't stick

1. Check temperature, time and pressure against your transfer's instructions.

Watch the fix

Specifications

	TCAP-AP2-Combo
Power	120V · 1560W · 13A · 60Hz
Temperature	32–446°F
Timer	0–999 s
Heat plate	5.9″ × 5.9″
Air pressure	0.4–0.6 MPa (4–6 kg/cm²)
Controllers	GY-13 + 2 × TC4S-R1TC

Still stuck? Call us.

Phone

(714) 261-9498

Mon–Fri · 7:30 am – 5:00 pm Pacific

Email

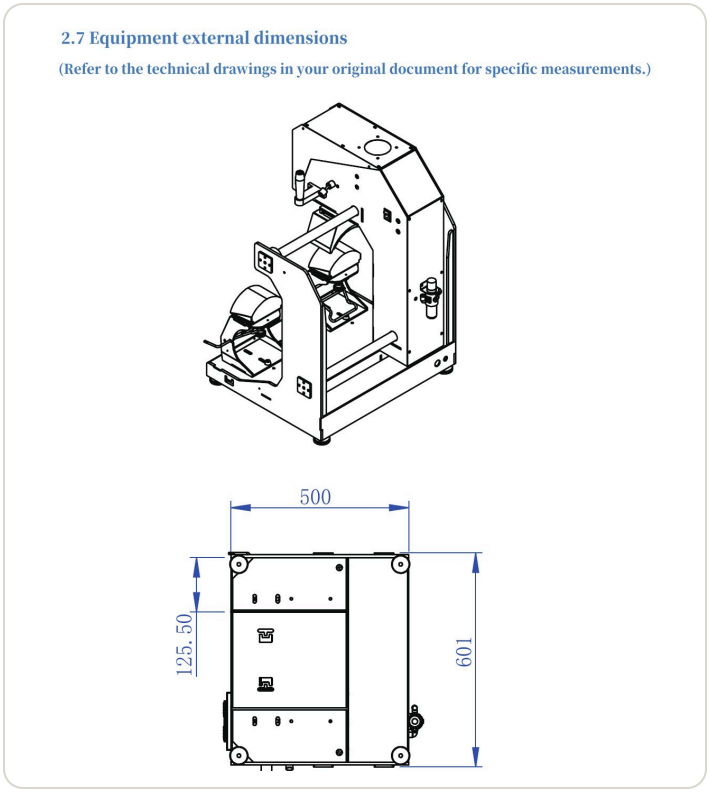
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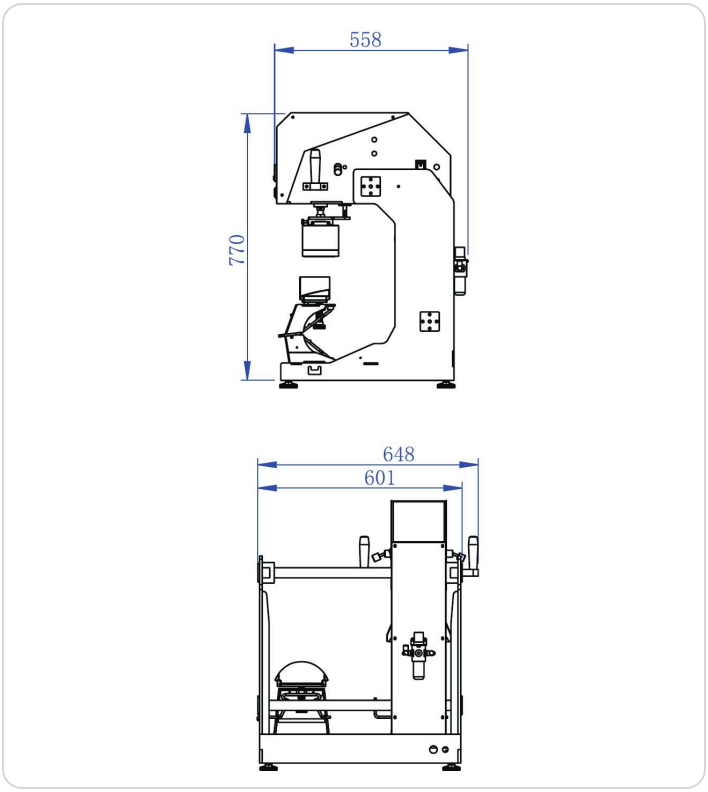
Free lifetime tech support

Dimensions & diagrams

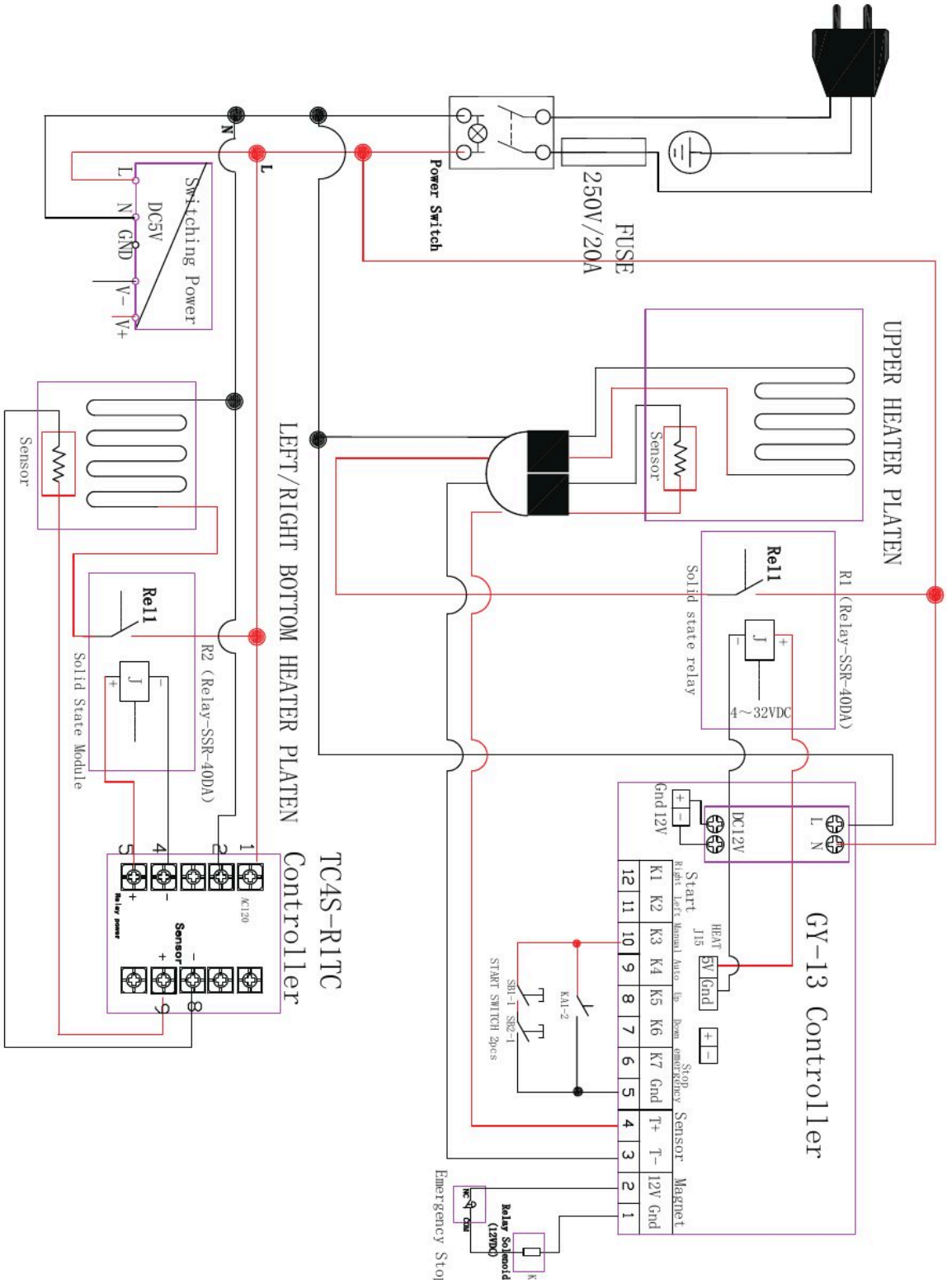
For service technicians. **Unplug the machine** and **disconnect the air** before opening any cover.

Dimensions (mm)

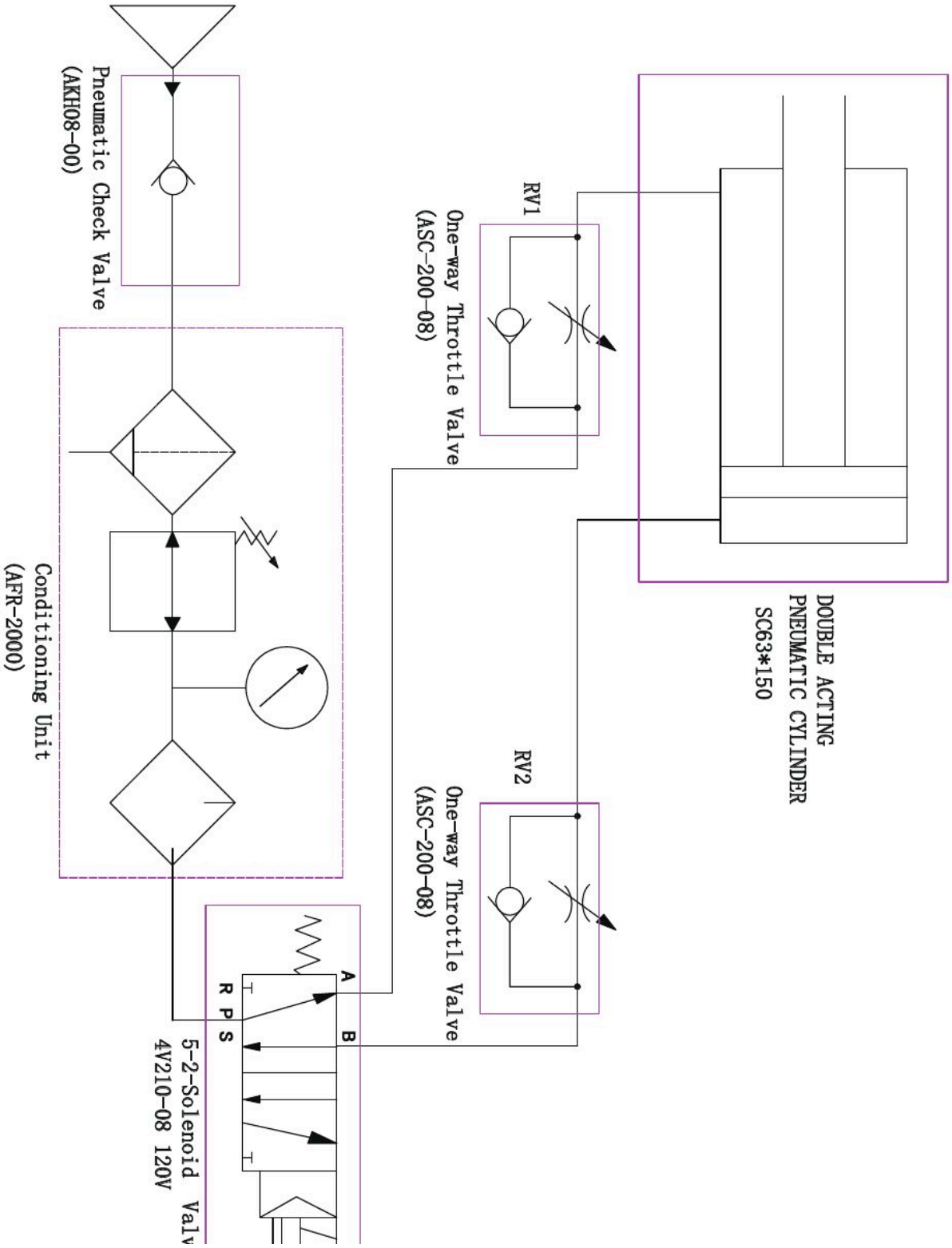




Wiring diagram



Air diagram


DOUBLE ACTING
PNEUMATIC CYLINDER
SC63*150
RV1
One-way Throttle Valve
(ASC-200-08)
RV2
One-way Throttle Valve
(ASC-200-08)
Pneumatic Check Valve
(AKH08-00)
Conditioning Unit
(AFR-2000)
A
B
R P S
5-2-Solenoid Valv
4V210-08 120V