

Quiet

Low-noise/quieter



20 dB(A)
Falling leaves



34 dB(A)
Sleep mode



45 dB(A)
Library



60 dB(A)
Normal mode

Specifications	
Model	TAP080ARC
Power supply	220 V to 50 Hz
Power input	W 78
Clean air delivery rate (CADR for particles)	m³/h 600
Clean air delivery rate (CADR for formaldehyde)	m³/h 350
Cumulative clean mass of particles	CCM P4
Cumulative clean mass of formaldehyde	CCM F4
Purification efficiency (PM 2.5)	% 99 (Class)
Purification energy efficiency	Efficient
Sound level (sound power level/sound pressure level)	dB Silence 45/34 Low 38/48 Medium 43/51 High 45/53
Color	White
Net weight	Kg 13.5



Dedicated

Dedicated to details/All for you

Easy operation for elderly persons and children
Visual operation panel
Multi fan speed regulation
Negative ions to create home oxygen bar
Child lock to prevent mis-operation
Auto mode makes possible that air flow varies with the air quality

Off
In sleep mode, only the sleep indicator is on with dimmed light
Nice air, undisturbed sleep

360-degree omni-directional wheel design
Human-centered design to facilitate movement
(Move at will in bedrooms and living rooms)



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DISCLAIMER NOTE: Data provided herein are not binding and might change without prior notice.



Intended for removing formaldehyde in new home

Formaldehyde filtration efficiency ≥ 98% (30min)
PM2.5 filtration efficiency ≥ 99% (12 min)



Real-time PM2.5 value display
Visible cleanliness



CADR 800 m³/h
Intended for heavily-polluted air



Purification efficiency > 99.9%
Industry-leading



Negative ion function
Build a forest oxygen bar

TICA Air Purifier
TAP080ARC

FORM No. A12817G01

Haze is coming!

Do you know about it?

Even we close doors and windows, we cannot free ourselves from PM2.5.

A baby is coming into the world.

Parents will move into the newly decorated house.

Children will come back home in holidays.

The indoor formaldehyde release is up to 3 to 15 years.

Environmental pollution from decoration: formaldehyde, toluene, TVOC

Is the air in your home ready?

We give you the answer you wanted.

Powerful

Intended for high air flow/heavily-polluted air

Qualified according to the latest national standard

800 m³/h	350 m³/h
Particle CADR	Formaldehyde CADR
P4 (Highest level of the latest national standard)	F4 (Highest level of the latest national standard)
Particle CCM	Formaldehyde CCM

★ The greater the CADR value, the faster the purification.

Time for purifying room air once

Room Type	Time (min)
15m² study	3
38m² children room	6
45m² bedroom	9
70m² living room	13

Warning

Real-time display/visible purification effects

Real-time monitoring of the indoor air quality

PM2.5 sensor and TVOC sensor detect air quality

PM2.5 concentration and TVOC level are displayed in real time

HEPA life reminder: When the indicator is off, replace HEPA

PM2.5 concentration

Indoor relative humidity

HEPA life

Indoor temperature

Fan speed

TVOC quality

LED indicators visually display indoor air quality.

Green indicator
Excellent air quality

Blue indicator
Fair air quality

Red indicator
Poor air quality

Clean

Compound filters/Create private oxygen bar

Haze removal rate ≥ 99% (20min)

Formaldehyde removal rate ≥ 98% (30min)

Large area Circulated purification

1. Primary filter
Washable. It can catch large particles, such as hair and floating wool. It helps significantly extend the HEPA filter life.

2. Formaldehyde filter
Adopt the unique cell structure filled with excellent coconut shell active carbon. Formaldehyde and toluene are decomposed by chemical reaction to avoid secondary pollution. The formaldehyde removal rate reaches 98% (within 30 minutes).

3. HEPA filter
The HEPA filter is made of fine interleaved organic fibers. It can efficiently catch particles. The PM2.5 particle removal rate is equal to or greater than 99% (within 12 minutes).

4. Negative ion mode
Embedded with a negative ion generator, it can release high-concentration negative ions (around 50,000,000 negative ions/cm³). In the medical field, negative ion is called "air vitamin", which can add oxygen content in blood and improve functions of human body. In a room with negative ions, you will feel comfortable as if you are in a forest after rain.

The formaldehyde filter layer is added with pure coconut shell carbon powder and dipped with special chemical drugs to raise absorption efficiency and avoid secondary release caused by excessive absorption or heating. Pure coconut shell is widely used in the drinking water filter and food processing fields.

H12-level HEPA filter for medical use is made of interleaved fine organic fibers. Apart from PM2.5 particles, the HEPA filter can absorb the particles smaller than 0.3 micro meters that can easily enter the bronchus and alveolus.

Negative ion concentration in environment	Relation with health	Negative ion concentration in environment	Relation with health
Waterfall in forests 10000-20000	Human beings are equipped with natural healing power	Open field in rural areas 100-1000	Improve immunity and antibacterial capability
High mountains and seashores 5000-10000	Sterilize air and reduce disease infection	Parks in urban areas 400-600	Improve health
Villages and forests 1000-5000	Improve immunity and antibacterial capability	Green belts in streets 200-400	Slightly improve health
Parks 400-1000	Improve immunity and antibacterial capability	Rooms in city 100	Induce physiological disorder, such as headache and insomnia

The data in the table is collected and sorted out by Mr. Ye Zhengtao, from National Taiwan University of Science and Technology. Unit: PC/cm³.