

TCL

C PURE VITAMIN C
AIR FOR SKIN REFRESH

TCL Health Edition A New Generation of Air Conditioner

Pure Vitamin C Air | Remove Odors | Optimize Humidity | Enjoy Cleaner Air



6
LAYERS
PROTECTION
**6-IN-1 HEALTH
FILTER SYSTEM**



TCL

PREMIUM HEALTH EDITION

3-Speed

Inverter

Energy Saving Technology

How TCL saves up to 70% of your electricity bill

UP TO

70%

electricity saved

LEVEL 1 **30% SAVING**

LEVEL 2 **50% SAVING**

LEVEL 3 **70% SAVING**

Why Traditional ACs Waste Your Money

FULLY ON

100%

power draw

Startup surge = 3–5× rated current

Every ON cycle burns extra energy

Wastes energy every restart



FULLY OFF

0%

power draw

Room warms up again immediately

→ Compressor must restart at FULL power

Repeat cycle = constant waste

THE COST

ON/OFF cycling means:

- Huge startup current spikes
- Temperature swings $\pm 2\text{--}3^{\circ}\text{C}$
- Compressor wears faster
- Higher electricity bill
- Shorter product lifespan

TCL DC Full Inverter — Never Stops, Always Efficient

✗ Fixed-Speed AC

Compressor:	ON at 100% or OFF at 0%
Temperature:	Swings $\pm 2-3^{\circ}\text{C}$
Startup surge:	3-5 \times rated current
Energy:	Wasted on every restart
Comfort:	Inconsistent — too cold / too warm

VS

✓ TCL DC Full Inverter

● Compressor:	Variable speed — never fully stops
● Temperature:	Stable within $\pm 0.5^{\circ}\text{C}$
● No startup surge:	Smooth current, zero spike
● Energy:	Saves up to 70% continuously
● Comfort:	Always perfect — set it, forget it

How the 3 Levels Work Together

01 LEVEL 1 — INITIAL COOL-DOWN

30%

energy saved

Compressor at High Speed

Room temperature is far from target. Compressor runs at maximum to cool the room quickly. Inverter still saves 30% vs a fixed-speed AC by eliminating restart surges.

Fast Cooling Mode

First minutes

02 LEVEL 2 — APPROACHING TARGET

50%

energy saved

Compressor at Mid Speed

Room is nearly at target temperature. Compressor automatically slows to mid-speed — balancing fast cooling with power efficiency. You save 50% vs conventional AC.

Balance Mode

Mid session

03 LEVEL 3 — STEADY STATE

70%

energy saved

Compressor at Minimum Speed

Room is cool and stable. Compressor drops to just 30% of full speed — maintaining your ideal temperature with minimal energy. Peak 70% saving achieved here.

Maximum Saving Mode ★

Most of the time ★

What It Means for Your Electricity Bill in Bangladesh

Assumptions: 10 hrs/day usage | BPDB rate Tk 10/kWh | 30 days/month

1 Ton | 1,127W

Fixed-Speed AC / month

Tk 3,381

TCL Inverter / month

Tk 1,521

You Save

Tk 1,860/mo

= Tk 22,320 per year

1.5 Ton | 1,690W

Fixed-Speed AC / month

Tk 5,070

TCL Inverter / month

Tk 2,282

You Save

Tk 2,788/mo

= Tk 33,456 per year

2 Ton | 2,270W

Fixed-Speed AC / month

Tk 6,810

TCL Inverter / month

Tk 3,065

You Save

Tk 3,745/mo

= Tk 44,940 per year

Why TCL Inverter Technology

is Bangladesh's Smartest AC Investment

1 Saves up to 70%

Level 3 steady-state operation uses only 30% of rated power — the biggest saving in an AC's lifetime.

2 Zero startup surge

Inverter compressor never fully stops — eliminating the 3–5× current spike of conventional ACs.

3 Superior comfort

Temperature held within $\pm 0.5^{\circ}\text{C}$ vs $\pm 2\text{--}3^{\circ}\text{C}$ in fixed-speed — you feel the difference immediately.

4 12-Year compressor

Variable-speed operation means far less wear — enabling TCL's industry-leading 12-year compressor guarantee.