

TICA · VALUE MODULAR SYSTEMS

TICA Electric Chillers

Air-cooled and water-cooled chillers from 10 to 850 TR, with genuine spares.

Supplied, installed and serviced in Bangladesh by MHM Engineering



POWER SUPPLY

**415 V / 3 ph /
50 Hz**

REFRIGERANTS

**R-410A, R-
134a, R-513A**

LEAVING WATER

5–15 °C

**AMBIENT
RATING**

up to 46 °C

**COMPRESSOR
TYPES**

**Scroll, screw,
centrifugal**

**COOLING
CAPACITY**

10–850 TR

Overview

Chillers are the heart of process and comfort cooling in textile, pharmaceutical and commercial plants. MHM supplies air-cooled scroll and screw chillers for rooftops and water-cooled screw chillers for central plants, with matching cooling towers, pumps and controls. Every machine is sized for Dhaka ambient and supported by our own installation and AMC team.

TICA — Value modular systems. MHM Engineering is the supply, installation and service partner in Bangladesh: selection at local ambient and water conditions, commissioning by our own engineers and spares stocked in Dhaka.

Range

Air-cooled chillers (ACC)

Scroll or screw compressors with air-cooled condensers.
No cooling tower, quick rooftop installation.

Water-cooled chillers (WCC)

Screw or centrifugal machines with cooling towers.
Highest efficiency for plants above 150 TR.

Chiller spare parts

Compressors, fan motors, controllers, EXVs and contactors for MHM, Carrier and TICA.

Why plants choose TICA from MHM

- **Sized for 45 °C ambient** — Condensers and controls rated for Bangladeshi summers, not catalogue conditions.
- **Four brands, one partner** — MHM, Carrier, TICA and AOY/YILDIRIM selected to your budget and duty.
- **Spares in Dhaka** — Compressors, fan motors and boards stocked for same-week replacement.
- **Modbus / BACnet ready** — Every chiller connects to your BMS or our remote monitoring.

Applications

- Textile dyeing and finishing
- Pharmaceutical HVAC
- Plastic injection moulding
- Garment washing
- Hospitals and malls
- Data centres

TICA Air Cooled Scroll Chiller — TICA · TCA Series



Modular air-cooled scroll chiller, 10–130 TR, up to 16 modules on one controller.

Cooling capacity	10–130 TR
Refrigerant	R-410A
Power supply	415 V / 3 ph / 50 Hz
Modules	up to 16 per group
Origin	TICA, Nanjing, China

Model	Capacity (TR)	Capacity (kW)	Input power (kW)	Compressors	L × W × H (mm)	Weight (kg)
TCA-10	10	35	11.8	1 × scroll	1300 × 900 × 1750	420
TCA-18	18	65	21.6	2 × scroll	2000 × 1000 × 2000	780
TCA-37	37	130	43.5	4 × scroll	2200 × 2200 × 2250	1450
TCA-74	74	260	86.4	8 × scroll	4400 × 2200 × 2250	2900
TCA-130	130	455	151.0	12 × scroll	6600 × 2200 × 2250	5000

Talk to an MHM engineer

+880 1321-206755 · sales@mhmmachineries.com · 846, East Shewrapara, Mirpur, Dhaka-1216, Bangladesh. Site survey, load calculation and a written proposal are free for plants in Bangladesh.