

CORE COOLING

Electric Chillers

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

Brands: MHM, Carrier, TICA, AOY, YILDIRIM



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.

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 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

MHM Air Cooled Scroll Chiller — MHM · ACS Series



Packaged rooftop scroll chiller, 30–260 TR, R-410A, tandem compressors with 25% steps.

Cooling capacity	30–260 TR
Refrigerant	R-410A
Power supply	415 V / 3 ph / 50 Hz
COP (AHRI)	3.1–3.4
Origin	Assembled in Bangladesh (Shenzhen MHI components)

Model	Capacity (TR)	Capacity (kW)	Input power (kW)	Compressors	Chilled water flow (m³/h)	L × W × H (mm)	Weight (kg)
MHM-ACS-030	30	105	36.2	2 × scroll	18.1	2250 × 1100 × 2050	1180
MHM-ACS-060	60	211	71.8	4 × scroll	36.3	3400 × 2200 × 2250	2350
MHM-ACS-090	90	316	106.4	6 × scroll	54.4	4600 × 2200 × 2250	3320
MHM-ACS-120	120	422	142.1	8 × scroll	72.6	5800 × 2200 × 2300	4210
MHM-ACS-180	180	633	214.6	12 × scroll	108.9	8300 × 2200 × 2300	6150
MHM-ACS-260	260	914	311.0	16 × scroll	157.3	11400 × 2250 × 2350	8600

MHM Water Cooled Screw Chiller — MHM · WCS Series



Semi-hermetic twin-screw chiller, 80–850 TR, R-134a, for plants with cooling towers.

Cooling capacity	80–850 TR
Refrigerant	R-134a
Power supply	415 V / 3 ph / 50 Hz
COP (full load)	5.5–6.1
Origin	Shenzhen MHI, China

Model	Capacity (TR)	Capacity (kW)	Input power (kW)	Compressors	Condenser flow (m ³ /h)	L × W × H (mm)	Weight (kg)
MHM-WCS-080	80	281	52.0	1 × screw	60.5	3200 × 1250 × 1850	2650
MHM-WCS-150	150	527	96.8	1 × screw	113.4	3900 × 1450 × 2050	4300
MHM-WCS-250	250	879	160.2	2 × screw	189.1	4400 × 1750 × 2200	6800
MHM-WCS-400	400	1407	254.9	2 × screw	302.6	4900 × 1950 × 2350	9900
MHM-WCS-600	600	2110	380.3	2 × screw	453.9	5600 × 2100 × 2500	13800
MHM-WCS-850	850	2989	536.7	3 × screw	643.0	6400 × 2300 × 2650	19200

Carrier 30XA Air Cooled Screw Chiller — Carrier · AquaForce 30XA



AquaForce air-cooled screw chiller, 80–500 TR, R-134a, Touch Pilot control.

Cooling capacity	80–500 TR
Refrigerant	R-134a
Power supply	415 V / 3 ph / 50 Hz
IPLV	up to 5.9
Origin	Carrier, Malaysia / China

Model	Capacity (TR)	Capacity (kW)	Input power (kW)	Compressors	L × W × H (mm)	Weight (kg)
30XA-080	80	281	93.7	1 × screw	4300 × 2250 × 2300	3450
30XA-140	140	492	160.1	2 × screw	6600 × 2250 × 2300	5600
30XA-200	200	703	228.4	2 × screw	8900 × 2250 × 2300	7300
30XA-300	300	1055	342.2	2 × screw	11950 × 2250 × 2300	10400
30XA-400	400	1407	457.0	3 × screw	14150 × 2250 × 2300	13100
30XA-500	500	1758	571.5	4 × screw	16600 × 2250 × 2300	15900

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

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