

CIBSE DAY 4

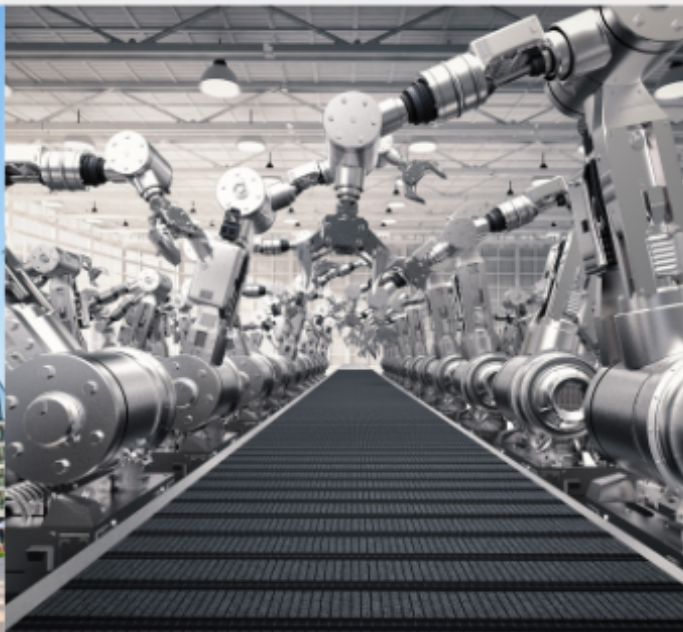
MITSUBISHI ELECTRIC – APPLIED PRODUCTS - OVERVIEW

APPLIED PRODUCTS - OVERVIEW

COMFORT



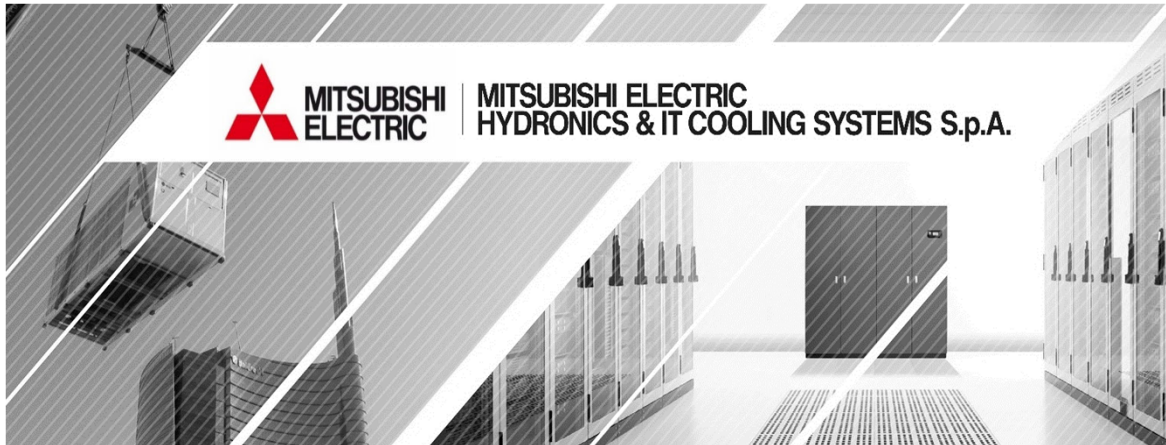
PROCESS



IT COOLING



APPLIED PRODUCTS - OVERVIEW



MEHITS is the Mitsubishi Electric Company specialized in hydronic systems for air conditioning and IT Cooling solutions.

It designs, manufactures, and markets high efficiency, reliable, economically viable, eco-sustainable solutions and value adding services worldwide, in particular by embracing renewable energy sources. Headquartered in Italy. Production facilities in Italy, China, and India.



APPLIED PRODUCTS - OVERVIEW

MITSUBISHI ELECTRIC is one of the world's leading names in the manufacture and sales of electrical and electronic products and systems used in a broad range of fields and applications.

We're applying our technologies to contribute to society and daily life around the world.



APPLIED PRODUCTS - OVERVIEW




CHILLERS AND FREE-COOLING CHILLERS



4kW ~ 4,549kW COOLING CAPACITY

 Air-sourced

 Water-sourced



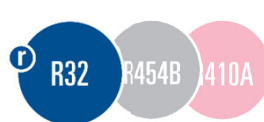
HEAT PUMPS



4kW ~ 2,416kW COOLING OR
HEATING CAPACITY

 Air-sourced

 Water-sourced



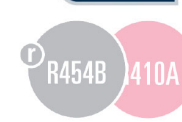
MULTIFUNCTION UNITS



34kW ~ 1,125kW COOLING AND
HEATING CAPACITY

 Air-sourced

 Water-sourced



APPLIED PRODUCTS - OVERVIEW



CHILLERS AND FREE-COOLING CHILLERS



HEAT PUMPS



MULTIFUNCTION UNITS



FULLY CUSTOMIZABLE UNITS



UP
TO **+7%**
Seasonal Efficiency



Pre-painted fins

PoluAI XT
Blygold

Heresite P-413C
Heresite Protective Coating, LLC



SOUND CONFIGURATIONS:

- STANDARD
- NR KIT / ACOUSTIC ENCLOSURE
- SL VERSION



EFFICIENCY LEVELS:

- K VERSION
- A VERSION



PRODUCT OVERVIEW

IT COOLING UNITS



ROOFTOP UNITS, AHUS and HYDRONIC TERMINALS



PRODUCT OVERVIEW

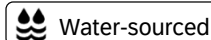
COOLING ONLY CHILLERS



EACV P900YAL (-N)(-BS)
EACV P1500/1800YBL (-N)(-BS)
EACV M1500/1800YCL (-N)(-BS)



ERCV M900YAL



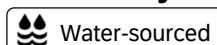
REVERSE CYCLE HEATPUMP



EAHV P900YAL (-N)(-BS)
EAHV P1500/1800YBL (-N)(-BS)
EAHV M1500/1800YCL (-N)(-BS)



ERCV M900YAL
(Reversible on Hydraulic Side)



HEATING ONLY HEATPUMP



CAHV-R450YA-HPB

**HIGH OUTLET
TEMP
& HIGH TD!**





















QAHV-N560YA-HPB

HT HEATING SOLUTIONS

Medium Temperature Range











AIR TO WATER HEAT PUMPS

AW-HT	 SCROLL  PLATES	 R407C	38		204		98°F HEATING
MEHP-iS /G07	 INVERTER  SCROLL  PLATES	 R32	50		220		98°F HEATING
EAHV-YCL	 INVERTER  SCROLL  PLATES	 R32	90			1080 (MODULAR)	88°F HEATING
NX2-N /G06	 SCROLL  SHELL & TUBES	 R454B		365		853	88°F HEATING
i-FX-N /G05	 INVERTER  SCREW  SHELL & TUBES	 R513A		450		1110	93°F HEATING

WATER TO WATER HEAT PUMPS

ERCV /H	 INVERTER  SCROLL  PLATES	 R32	90			1080 (MODULAR)	93°F HEATING
NX2-W /G06 /H	 SCROLL  PLATES	 R454B	53		276		93°F HEATING

MULTI-PURPOSE UNITS

i-FX-WQ /G05	 INVERTER  SCREW  SHELL & TUBES	 R513A		395		841	98°F HEATING
ERACS2-Q /G05	 SCREW  SHELL & TUBES	 R513A		220		834	88°F HEATING
NX2-Q /G06	 SCROLL  SHELL & TUBES	 R454B		366		853	88°F HEATING

HT HEATING SOLUTIONS

High Temperature Range

AIR TO WATER HEAT PUMPS

CAHV



40



640 (FOR 16-UNIT SYSTEM)



QAHV



40



640 (FOR 16-UNIT SYSTEM)



WATER TO WATER HEAT PUMPS

EW-HT G01/G05



70



280



i-FX2-W /G04 /H



398



1242



i-FOCS2-W /HFO /H



300



3000



