



ESTABLISHED IN 1978

AIR & WATER COOLED WATER CHILLER

COOLING
YOUR INDUSTRY
OPTIMISING
YOUR PROCESS



40⁺

YEARS OF
EXCELLENCE IN
REFRIGERATION

WATER CHILLER >

ECO DRIVE SERIES



ESTABLISHED IN 1978

CUT DOWN ON ELECTRICITY & RUN MORE EFFICIENTLY WITH OUR NEW CHILLER TECHNOLOGY

ECONOMIZER & VF DRIVE ARE THE FUTURE.

OUR EXPERTLY ENGINEERED CHILLERS GIVE YOU A BETTER PERFORMANCE WHILE HELPING THE ENVIRONMENT.

25%

ELECTRICITY
SAVING

15%

RUNNING
EFFICIENCY

25%

MORE
DURABILITY

CHILLER THAT RUNS EVEN AT HOT INDIAN CLIMATE **55°C**

APPLICATION

> Plastic & Rubber

presses, injection moulding, extrusion (sheet & profile), blow moulding, thermoforming, PET

> Laser

(with a specific laser chiller) cutting, welding, profiling, optics, medical, engraving

> Food & Drinks

confectionary, bakeries, distilleries, breweries, wineries, dairies, bottling, carbonation, meat & fish processing, vegetable & salad processing, storage

> Chemical & Pharmaceutical

jacketed vessels, polyurethane foam mixers, natural gas, industrial cleaning, laboratories, healthcare, solvents, paints

> Metal Working

processing & transformation of precious metals, aluminium working & processing

> Mechanical & Engineering

machine tools, welding machines, rolling mills, presses, extruders, cutting, profiling, polishing, electric spark machinery, hydraulic control unit oil cooling, pneumatic transport, heat treatment

> Paper & Related Application

printers, cardboard, labels, plastic film

> Other Applications

ceramics, textiles, wood, air compressor cooling, other application

Specifications : >

• High Performance Compressor

Proven, reliable energy efficient scroll compressor.

• High-Efficiency Heat Exchanger

Counter-flow compact brazed plate exchange, with air-to-air side for optimum cooling efficiency

• Large Size & Efficient Condenser

Maintaining low condensing temperature with the help of free cooling design, increasing the system efficiency.

• Condenser Fan

Low power consumption dynamic weight balanced. Noise 72 db. Permanent lubricated enclosed ball bearing.

• Controller

Micro processor based multi functional controller provides peace of mind through precise monitoring of dew point.

• Economizer

Energy saver upto 25% while helping in handling high peak load & prevents tripping in hot summers.



• VFD Driven Condensor Fan

helps in maintaining condensing temperature of the chiller in all different weather conditions.

• Single Electrical connection

Ensures plug-and-play installation with complete safety of electrical components.

• Water Storage Tank

Internal insulated S.S.304 water tank with 500 liters capacity

• Maximum Air Intake With Dust Filters

By providing large area of air suction from 3 sides it helps in releasing heat efficiently with large dust holding filters.

• Heavy Gauge Copper Pipe

Bright, Annealed, flexible & heavy thickness copper tube makes the piping system durable & leak proof.

• Robust & Durable Body Housing

Made from reputed galvanized zero spangle sheets strengthened with rivets & blind nut inserts.

MODEL		CONDENSOR TYPE	COOLING CAPACITY	POWER CONSUMPTION (50/60 Hz)	PIPE CONNECTION	HEAT EXCHANGER	POWER SUPPLY	REFRIGERANT	COMPRESSOR TYPE
MODEL	TR	AIR COOLED WATER COOLED	kW/h	IN kW/h	INCH BSP	TYPE			
HR-ETC-5500	1.5 TR	A/C	5.25	2.48	1/2" B.S.P	COIL TYPE	415V,3PH, 50/60hz	R410/R407C/R1 34a/R22	HERMETIC
HR-WCHILL-10	3 TR	A/C	10.50	4.25	1" B.S.P	PLATE TYPE			SCROLL/ SCROLL VARIABLE SPEED
HR-WCHILL-17	5 TR	A/C	17.5	6.30	1" B.S.P	PLATE TYPE			
HR-WCHILL-33	10 TR	A/C	35.1	11.94	1 1/2" B.S.P	PLATE TYPE			
HR-WCHILL-55	15 TR	A/C	52.6	18.55	1 1/2" B.S.P	PLATE TYPE			
HR-WCHILL-64	15 TR	W/C	63.90	14.20	1 1/2" B.S.P	PLATE TYPE			
HR-WCHILL-70	20 TR	A/C	70.2	29.80	2" B.S.P	SHELL & TUBE			
HR-WCHILL-81	20 TR	W/C	81.50	25.40	2" B.S.P	PLATE TYPE			
HR-WCHILL-88	25 TR	A/C	87.5	31.50	2" B.S.P	SHELL & TUBE			
HR-WCHILL-92	30 TR	A/C	105.3	26.50	2" B.S.P	PLATE TYPE			
HR-WCHILL-147	42 TR	W/C	147	38.40	3" B.S.P	PLATE TYPE			SEMI HERMITIC RECI, WITH DISCUSS VALVE
HR-WCHILL-175	50 TR	W/C	175	46.80	3" B.S.P	SHELL & TUBE			SCREW
HR-WCHILL-282	80 TR	W/C	282	60	4" B.S.P				
HR-WCHILL-353	100 TR	W/C	353	75.6	4" B.S.P				
HR-WCHILL-421	120 TR	W/C	421	90	4" B.S.P				
HR-WCHILL-564	160 TR	W/C	564	119.7	5" B.S.P				
HR-WCHILL-652	185 TR	W/C	652	139	5" B.S.P				
HR-WCHILL-777	220 TR	W/C	777	168	5" B.S.P				

Global Presence



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