

## SOLUTION READY FOR INDUSTRIAL CHILLER

INCREASE SYSTEM EFFICIENCY

REDUCE ENERGY CONSUMPTION





## Features

- Fully automatic compact Air cooled And Water Cooled Skid Unit
- Wide Range of capacity from 1 Kw to 175 Kw With temprature of water/brine from 20 c to -20 c
- Main Parts Are designed and manufacture by Enggtemp in its plant
- main critical components of the unit i.e. expansion valve , LP,HP switch, drier etc of internation standerd
- control panel with micro base type controller
- high quality product due to stage wise inspection and testing before despatch in our plant
- 12 months guarantee and blocked by most effective support.

the industrial reciprocating chillers find application in industrial condition where one application is completely defrant from the other application . the chiller are manufactured using specification material that are carefully chosen as per the process fluids used in specific process requirements



17 KW ( 5 TR ) AIR COOLED CHILLING PLANT	
FLUID TO BE CHILLED	RO WATER
REQUIRED CHILLER CAPACITY	5 TR
AMBIENT TEMPARATURE	20°C TO 45°C
WATER INLET TEMPERATURE	35°C
REQUIRED WATER TEMPERATURE	12°C
REQUIRED WATER FLOW RATE (LPH)	750 LPH
PRODUCT POOL DOWN TIME	1 HR
PROCESS TYPE	COOLING
COMPRESSOR	EMERSON MAKE CR 72/ZR 72 50 HZ/400 VOLTE
COMPRESSOR TYPE	SCROLL OR RECROCATING
EVAPORATOR	SHELL & TUBE / BRAZED TYPE PLATE HEAT EXCHANGER
CONDENSER	ALUMINUM FIN AND COPPER TUBE CONDENSER
CONDENSING UNIT FAN	AXIL FAN 50 HZ/440 VOLTE
CIRCULATION PUMP	CRI/LUBI/CROMPTON 50 HZ/230 VOLTE
CONTROL INSTRUMENT OF SYSTEM	LOW PRESSURE SWITCH HIGH PRESSURE SWITCH FILTER DRIER THERMOSTATIK EXPANTION VALVE FLOW SWITCH
ELECTRIC CONTROL PENAL	MCB SINGLE PHASE PROVENDER O/L RELAY TEMPERATURE CONTROLLER
REFRIGERANT	R 22
ELECTRIC LOAD	7 KW ±10%