



GSTIN : 24AAECR3013M1ZJ

MUMBAI OFFICE :
116-D, Govt. Industrial Estate,
Charkop, Kandiwali (West),
Mumbai - 400067,
Maharashtra.
Cell : [+91 73595 95577](tel:+917359595577)
E-mail : inquiry@rajwater.com
info@rajwater.com

AHMEDABAD OFFICE :
B/9, Sumel-7, Business Park,
Opp. Soni ni Chal,
BRTS Bus Stop, N.H.-8
Ahmedabad - 382325.
Cell : [+91 70432 55777](tel:+917043255777)
E-mail : inquiry@rajwater.com
info@rajwater.com

HEAD OFFICE :
Plot No. : 27, Survey No. 47, Jivraj Industrial Area,
Nr. Falcon Pump, Vavdi, Gondal Road, Rajkot - 360004.
Tel : [+91 281 - 2922777](tel:+912812922777)
Telefax : [+91 281 - 2922481](tel:+912812922481)
Cell : [+91 74050 50444](tel:+917405050444) / [+91 70439 55777](tel:+917043955777)
Website : www.rajwater.com
Email : inquiry@rajwater.com / info@rajwater.com

50-Ton Chiller Machine Specification

Thank you very much for your inquiry regarding 50 Tr. Water Chiller Plant. We are pleased to give our most competitive offer as under: -

Basis of Design: -

REFRIGERANT CAPACITY	50.00 TR
COMPRESSOR TYPE	SCREW TYPE
REFRIGERANT SYSTEM	R-22 (WATER COOLED)
FLUID TO BE COOLED	WATER
FLOW RATE	5000 LPH
INLET TEMPERATURE	30 DEG. C.
OUTLET TEMPERATURE	10 DEG. C.

We take great pleasure in submitting our offer for,
WATER COOLED CHILLER.

The Chiller is compact; Skid mounted and completely automatic does not required any site work and is READY TO USE TYPE.

ANNEXURE "A"

Excluded work

We hope you will find our above offer quite in line with your requirement and look forward to hearing from you favorably in the matter. However, should you require any more details, please feel free to write us.

ANNEXURE "B"

The chiller is compact, automatic and having aesthetic and elegant finish Package Chiller is mounted on heavy base made out of channel section and powder coated. Screw type Compressor, Plate Heat Exchangers and Pumps are mounted on base. Water cooled Condenser & Cooling Tower are provided on side of the chiller. Control Panel Box including Switch and instruments, for all Motors and Pumps is mounted in front for ease of operation. Unit is properly cleaned internally, Nitrogen Pressure tested at 450 Psig evacuated and properly gas charged.



GSTIN : 24AAECR3013M1ZJ

MUMBAI OFFICE :
116-D, Govt. Industrial Estate,
Charkop, Kandiwal (West),
Mumbai - 400067,
Maharashtra.
Cell : [+91 73595 95577](tel:+917359595577)
E-mail : inquiry@rajwater.com
info@rajwater.com

AHMEDABAD OFFICE :
B/9, Sumel-7, Business Park,
Opp. Soni ni Chal,
BRTS Bus Stop, N.H.-8
Ahmedabad - 382325.
Cell : [+91 70432 55777](tel:+917043255777)
E-mail : inquiry@rajwater.com
info@rajwater.com

HEAD OFFICE :
Plot No. : 27, Survey No. 47, Jivraj Industrial Area,
Nr. Falcon Pump, Vavdi, Gondal Road, Rajkot - 360004.
Tel : [+91 281 - 2922777](tel:+912812922777)
Telefax : [+91 281 - 2922481](tel:+912812922481)
Cell : [+91 74050 50444](tel:+917405050444) / [+91 70439 55777](tel:+917043955777)
Website : www.rajwater.com
Email : inquiry@rajwater.com / info@rajwater.com

PACKAGE CHILLER:

- Screw Compressor. Make **BITZER OR FRASCOLD.**

Compressor Detail

No. of Compressor	1 Nos.
-------------------	--------

- PHE Type Heat Exchanger.

Shell n Tube Type Heat Exchanger Details

No. of Shell N Tube	1 Nos.
Efficiency of Heat Exchanger	97 %

- Water cooled Condenser.
- Refrigeration Controls and Valves:
 - Digital Temperature Controller
 - Low/High Pressure Cutout. Make ALCO or RANCO
 - Liquid Refrigerant Core Drier
 - Water Flow Switch
- Electrical Control Panel Board. (Components make: Siemens or L&T.)
- Chilled Water Pump (5 HP (+1/2 HP) and of Standard Brand 2 Nos.
(Make: Crompton or Kirloskar brand)
- Interconnecting Refrigeration copper pipes and fitting including, Suction line is duly insulated. (Rubber insulated Superlon)
- Electrical wiring work carried out from Control Panel Box to Compressors, Exhaust fans & Pump. each
- Refrigerant Gas Freon R-22 FIRST CHARGED.

GSTIN : 24AAECR3013M1ZJ

MUMBAI OFFICE :
116-D, Govt. Industrial Estate,
Charkop, Kandiwali (West),
Mumbai - 400067,
Maharashtra.
Cell : [+91 73595 95577](tel:+917359595577)
E-mail : inquiry@rajwater.com
info@rajwater.com

AHMEDABAD OFFICE :
B/9, Sumel-7, Business Park,
Opp. Soni ni Chal,
BRTS Bus Stop, N.H.-8
Ahmedabad - 382325.
Cell : [+91 70432 55777](tel:+917043255777)
E-mail : inquiry@rajwater.com
info@rajwater.com

HEAD OFFICE :
Plot No. : 27, Survey No. 47, Jivraj Industrial Area,
Nr. Falcon Pump, Vavdi, Gondal Road, Rajkot - 360004.
Tel : [+91 281 - 2922777](tel:+912812922777)
Telefax : [+91 281 - 2922481](tel:+912812922481)
Cell : [+91 74050 50444](tel:+917405050444) / [+91 70439 55777](tel:+917043955777)
Website : www.rajwater.com
Email : inquiry@rajwater.com / info@rajwater.com

EXPOTION / EXCLUSION:

The following works/items not covered under the scope of supply and the same to be arranged by you at your cost, labor and material.

1. Storage Tank for the chiller and Cooling Tower will be in customer's scope.
2. Cooling Tower for the appropriate capacity will be in your scope.
3. All kinds of civil/construction work such as breaking, providing, opening, refinishing, sealing & grounding etc.
4. Electrical supply and earthen up to Control Panel Board
5. Electrical supply to the electrical panel with main switch near the chilling unit. (From bus bar / incoming point to the incoming connectors in the chiller / proper earthing connection should be provided.
6. Make up water connection of size 3" and supply of makeup water at pressure between 25 to 2 psig. The water should be soft and without impurities.
7. Water Connection up to the inlet and outlet for the chilling unit and cooling tower will be in your scope.
8. Fresh water connection for the cooling tower.

50-Ton Chiller Machine

