

ARMEC COOLING SYSTEM LIMITED

Chemical industry



Refrigeration system is heart of any chemical industry and it takes care of major and calculated amount of power consumption. If 40% of power saving is there it takes care of huge amount of power saving. ARMEC COOLING SYSTEM LTD has done many innovations in refrigeration plant for chemical industry. ARMEC's all plants are skid mounted so they don't require any type foundation and ARMEC's Chiller's are also expandable.

As we know property rates are very high, but ARMEC chiller's requires very less space compared to conventional refrigeration system. It is portable, so it can be moved anywhere.

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We like to tell you about our new patented product EST.

Hot well/ cold well system or IBT (Ice bank tank system)	ARMEC made EST system
Foundation is required for the tanks.	No need of foundation.
Two tanks are required.	Only one tank is required.
Large floor space is required.	1/3 rd floor space required compared to hot well/cold well system.
Full time operator required.	No need of operator (fully automatic).
The Main reason for popularity of hot well cold well is it Stores buffer energy.	ARMEC EST store buffer energy because of that we can reduces refrigeration plant size. So capital investment is very less.
Conventional IBT is connected with refrigeration plant (Inside Coil).	ARMEC EST is without inside coil.
Conventional IBT is fixed, so you can't move Anywhere.	ARMEC EST is portable and can be moved anywhere and can be installed at convenient place.
IBT's Efficiency reduces gradually.	ARMEC EST gives constant efficiency.
Conventional Hot well cold well or IBT's storage capacity is fixed.	Capacity can be increased by adding another EST.

Advantages of our chilling plant

- It saves up to 40% power in comparison to conventional refrigeration plant.
- Factory tested, Portable and ready to install.
- Fully automatic.
- No need of operator.
- ARMEC chilling plants are skid mounted so no need of Foundation.
- Easy operating, maintenance free and 66% space saving compared to IBT system.
- Oil return from oil separator is also automatic.
- Can be expanded as per the need and load.
- Very less Gas quantity required.