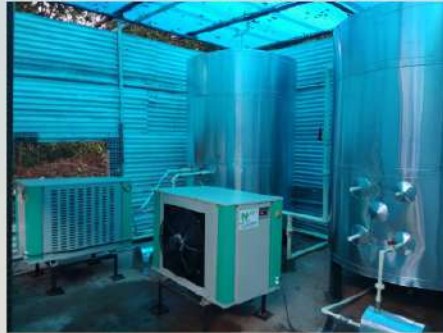


DEEBRU HEATING AND DRYING SOLUTIONS



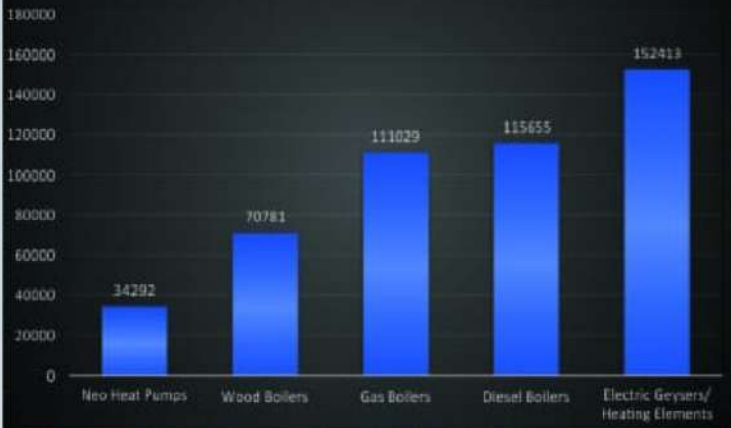
Applications

1. Houses, Hotels, PG's, Hospitals, Hostels, Airports, Government Offices, and other commercial units.
2. Temperature control of swimming pools.
3. Process Heating: In industries, the heat pump is used to heat the process fluid before the reactions.

Advantages

1. Low Maintenance.
2. Easy and flexible installation.
3. Fully automatic.
4. 80% Savings vs other modes of heating.
5. Works in any type of climate.

Yearly Running Cost for Heating 1000 LPD Water (delta 40 degree Raise)

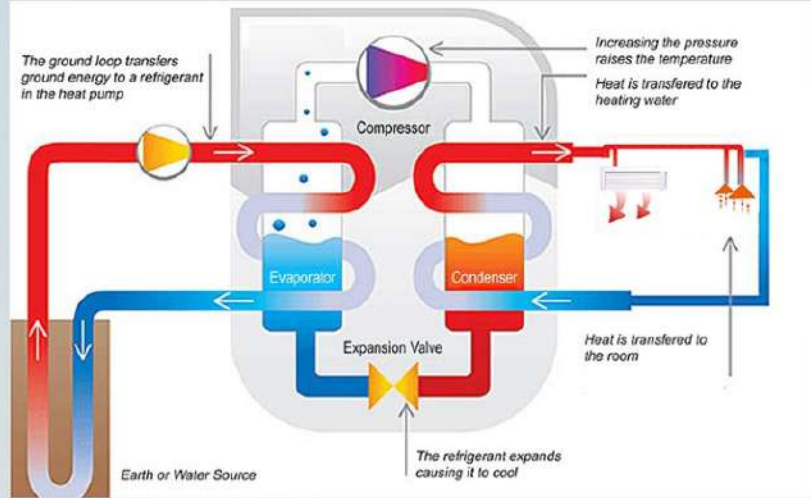


Calculation based on the Prices as below

S.no	Particulars	Amount in Rs
1	Electrical unit	8
2	Diesel per litre	70
3	Wood per KG	6
4	Gas per KG	80



Ground/water to water heat pump working principle



Technical Specification

Deebru Heat Pump Models	DeeBru AX	DeeBru BX	DeeBru CX	DeeBru DX	DeeBru EX	DeeBru FX	DeeBru GX	DeeBru HX	DeeBru IX
Rated Input Power	1	1.5	2.5	3.5	5	6	10	15	20
Rated Output/Heating Capacity	4	6	10	15	20	24	40	60	80
Hot water quantity liter/Hour	100	150	250	350	550	650	1100	1500	2200
Refrigerant	R134A/R410A/R417A								
Compressor type	Rotary	Rotary	Hermetic/Scroll	Hermetic/Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Make			Copeland	Copeland	Copland	Copeland	Copeland	Copeland	Copeland
Heat Exchanger	Tube in Tube								
Inter Circulation Pump Make	Wilo	Wilo	Sumo/Calpeda/Grundfos						
Protectins Paramaters	High pressure/ Low pressure/ Over load protections								
Maximum Temperature	55 to 60 degree C								
Dimensions (L X B X H) in mm			1020x535x725	1020x535x725	1150x730x780	Customized			
Net Weight	70	90	100	110	140	140	300	420	900



Cooling Coils



Titanium Pool Heat Exchanger



Thermostatic Expansion Valve



Co-axial Heat Exchanger



Axial Fan



4Way Valve



Copeland Compressor



Solenoid Valve

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