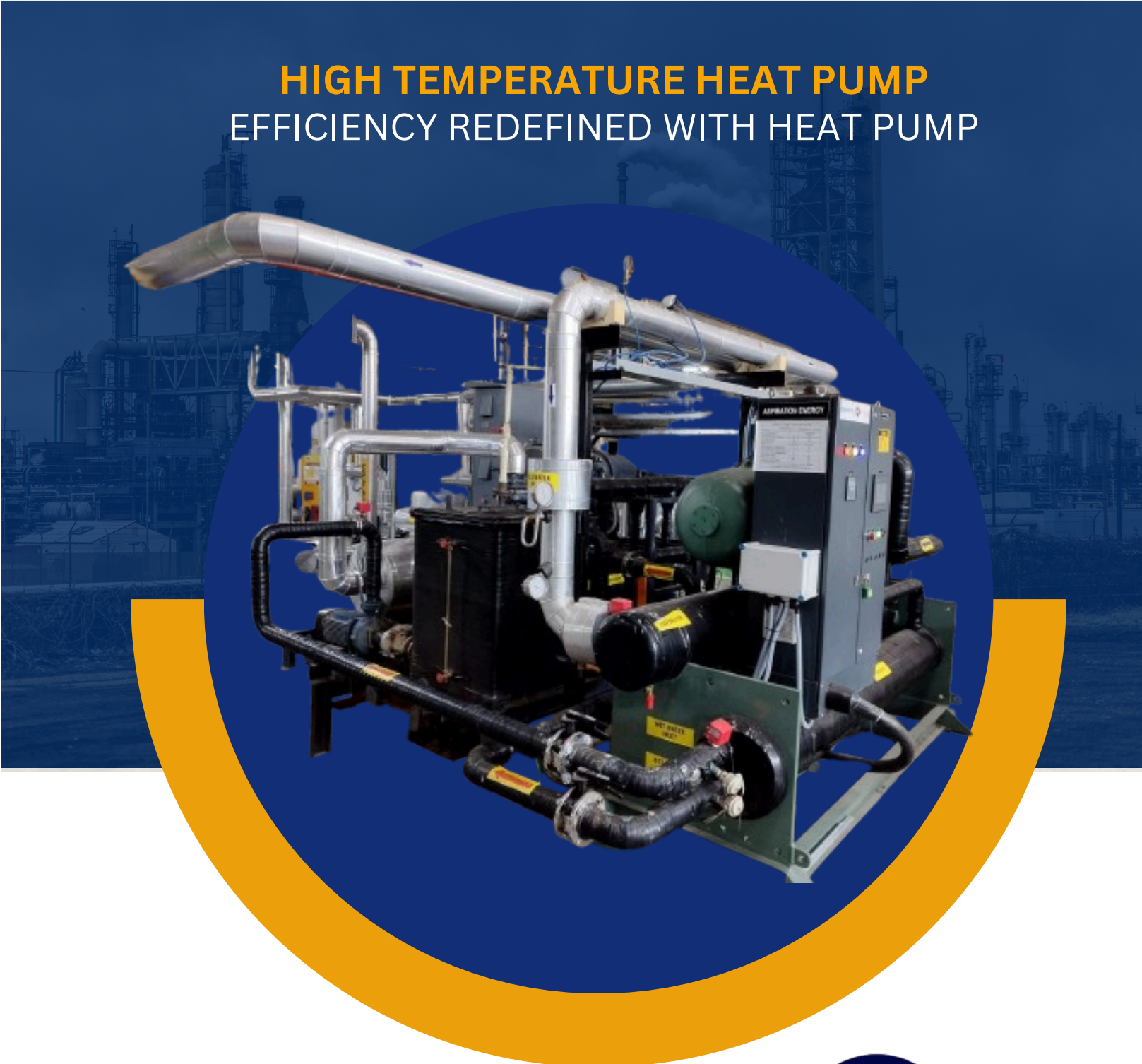


OUR CLIENTS



HIGH TEMPERATURE HEAT PUMP
EFFICIENCY REDEFINED WITH HEAT PUMP

Thermagen 

Phone: 96777 63170

Email: info@aspcv.com

Office Address
No:2, 1st Main Rd, Poompuhar Nagar, Kolathur, Chennai, Tamil Nadu 600099

Factory Address
Industrial Complex, 238/A, 3rd Link Street, OMR, IT Highway, Nehru Nagar, Perungudi, Chennai, Tamil Nadu 600096



www.aspcv.com



INDIA'S FIRST HIGH TEMPERATURE HEAT PUMP

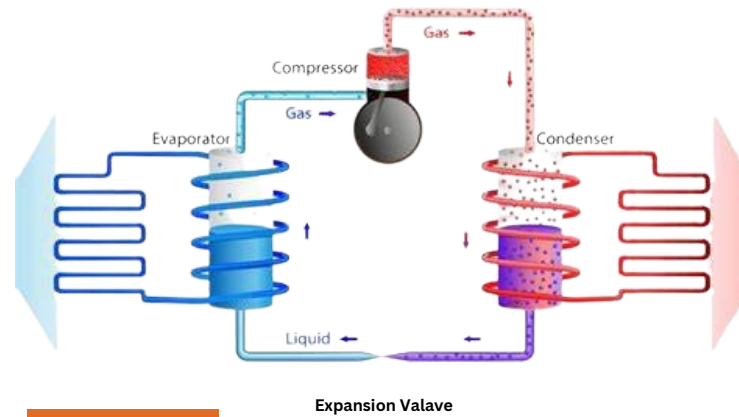
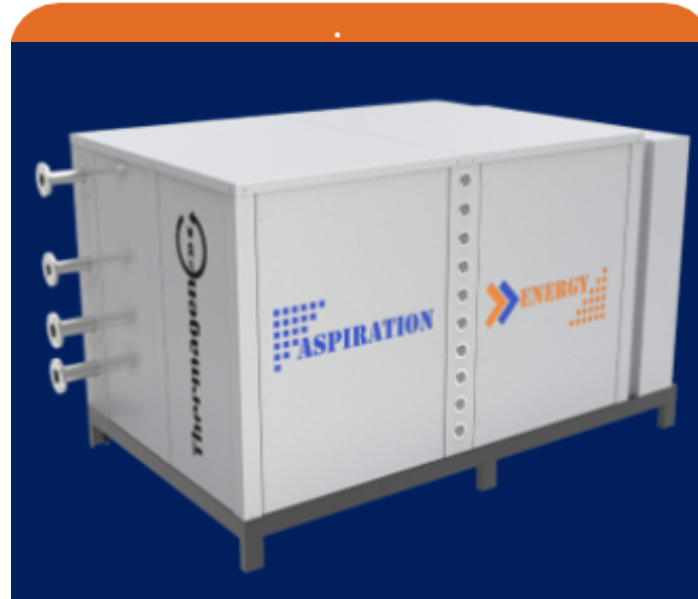
We are proud to be the first in India to manufacture 120°C high temperature heat pumps, backed by successful case studies, which is deployed in 2021

Unique Features and Capabilities

First in India: Our 120°C Heat Pump is the first of its kind in India, capable of delivering outlet temperatures up to 120°C.

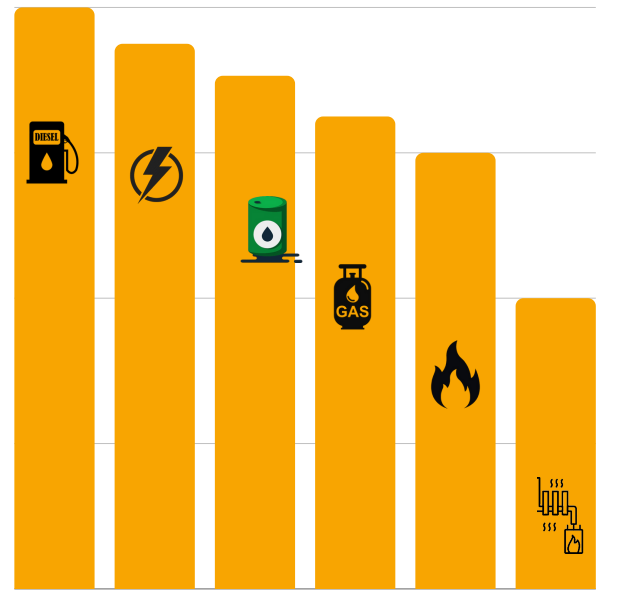
Cascaded Design: Engineered with both Low Temperature (LT) and High Temperature (HT) circuits, ensuring optimal performance.

Customized Solutions: Tailored to meet clients' specific peak process load requirements, ensuring efficiency and effectiveness.



Heat is taken from the ambient (2-3 kW) + 1 kW of grid electricity ~ 3-4 kW of Heat

Heat Pumps offer significant cost savings over traditional fuels like SKO, LPG, and HFO, making them a superior choice for energy efficiency and sustainability in industrial and commercial applications.



Disel Electricity SKO LPG HFO Heat Pump

Why THERMAGEN™ Heat Pump?

Feature	Details
Maximum Outlet Water Temperature	Maintains up to 120°C, which is 30°C higher than other manufacturer's offering
Equipment Sizing	Designed for 10-15°C ambient conditions, ensuring accurate capacity measurement unlike competitors' 20-25°C.
Compressors	Single Compressor
Electronic Expansion Valve	High-quality electronic expansion valves offer greater flow velocity and precision.
Monitoring	Features a state-of-the-art monitoring platform for powerful energy-saving decisions.
Condenser & Evaporator Tube Type	Uses inner groove tubes with more surface area and higher heat transfer rates than plain copper tubes.
Condenser Heat Exchanger Type	Incorporates a compact and highly efficient tube-in-tube heat exchanger, outperforming shell & tube or plate heat exchangers.
Cabinet	Constructed with galvanized materials for corrosion resistance and powder-coated for a smooth outer finish.

HIGH TEMPERATURE HEAT PUMP = +

