



R32 Inverter Heat Pump

Green Refrigerant / Smart Home



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R32





Why choose R32

European Union' Requirement

A2L

Low Flammability Index

Low GWP

(Global Warming Potential)

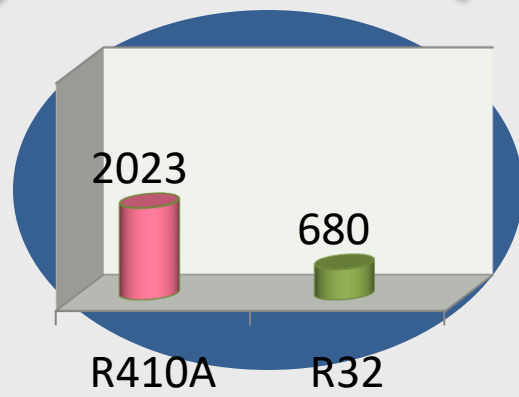
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Ozone Layer Depletion

100%

Pure HFC

CO² Emissions



1

Why choose Palm R32



Palm COP 4.87 by EN14511

A+++ energy class by EN14825

Save energy, Protect our earth and Reduce emission.



2

Character

Heating,
cooling , DHW,
3 in 1

Monobloc
and split type
available



WIFI Android
control.

Inverter
available.

2

Character

Heating,
cooling , DHW,
3 in 1



Character

WIFI Mobile remote
cloud control.



Weekly timer, 8 setting points.

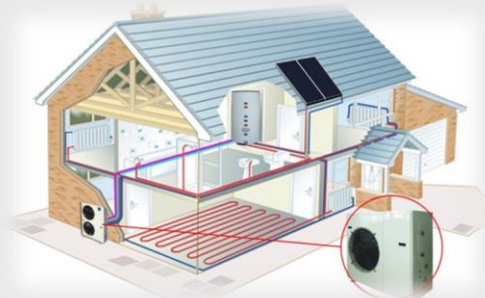
-----Make your home more comfortable and energy saving.

Second main switch

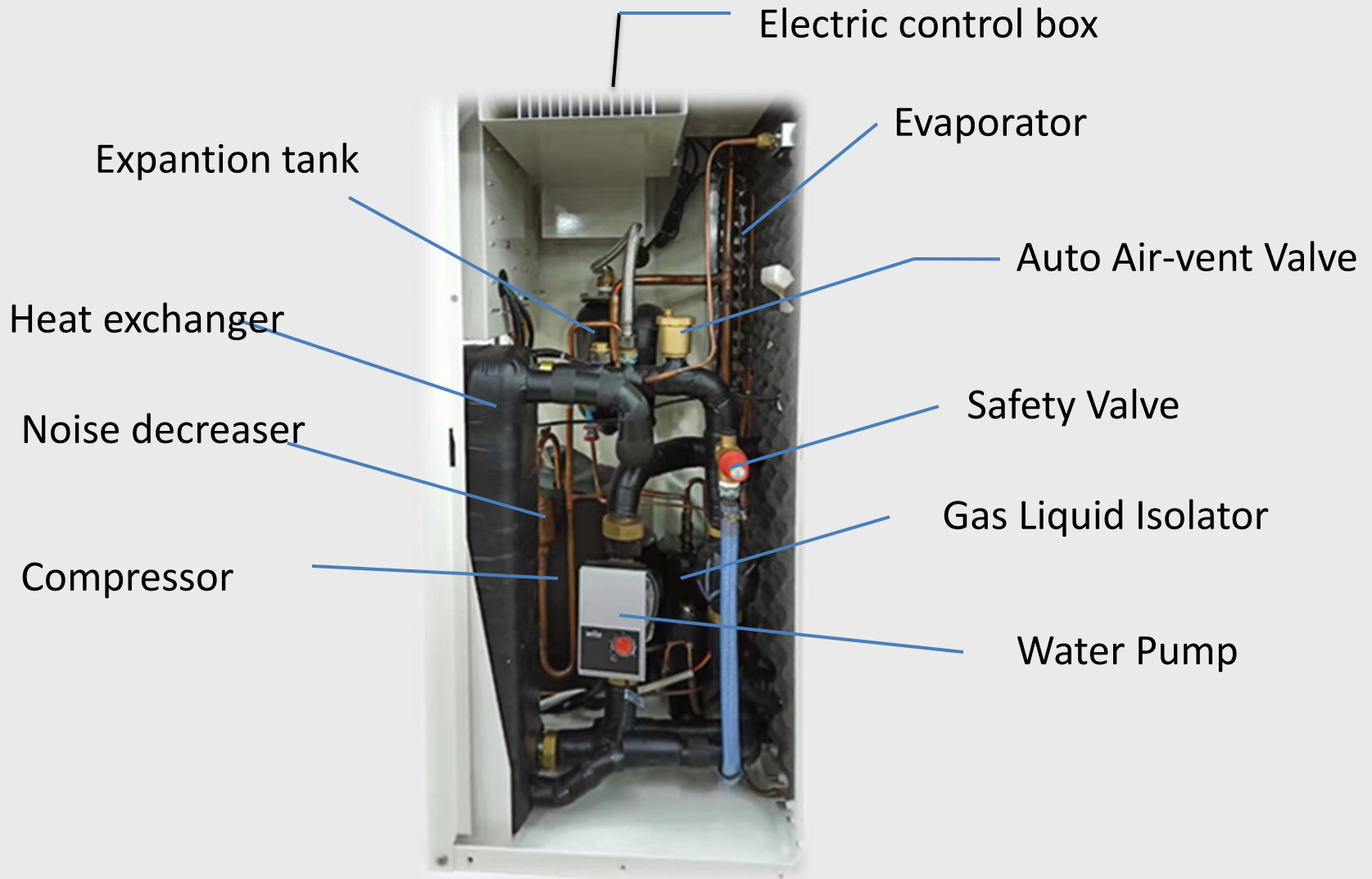
----- Control the unit from room thermostat

Compatible with different devices

-----Floor heating, radiator, fan coil...

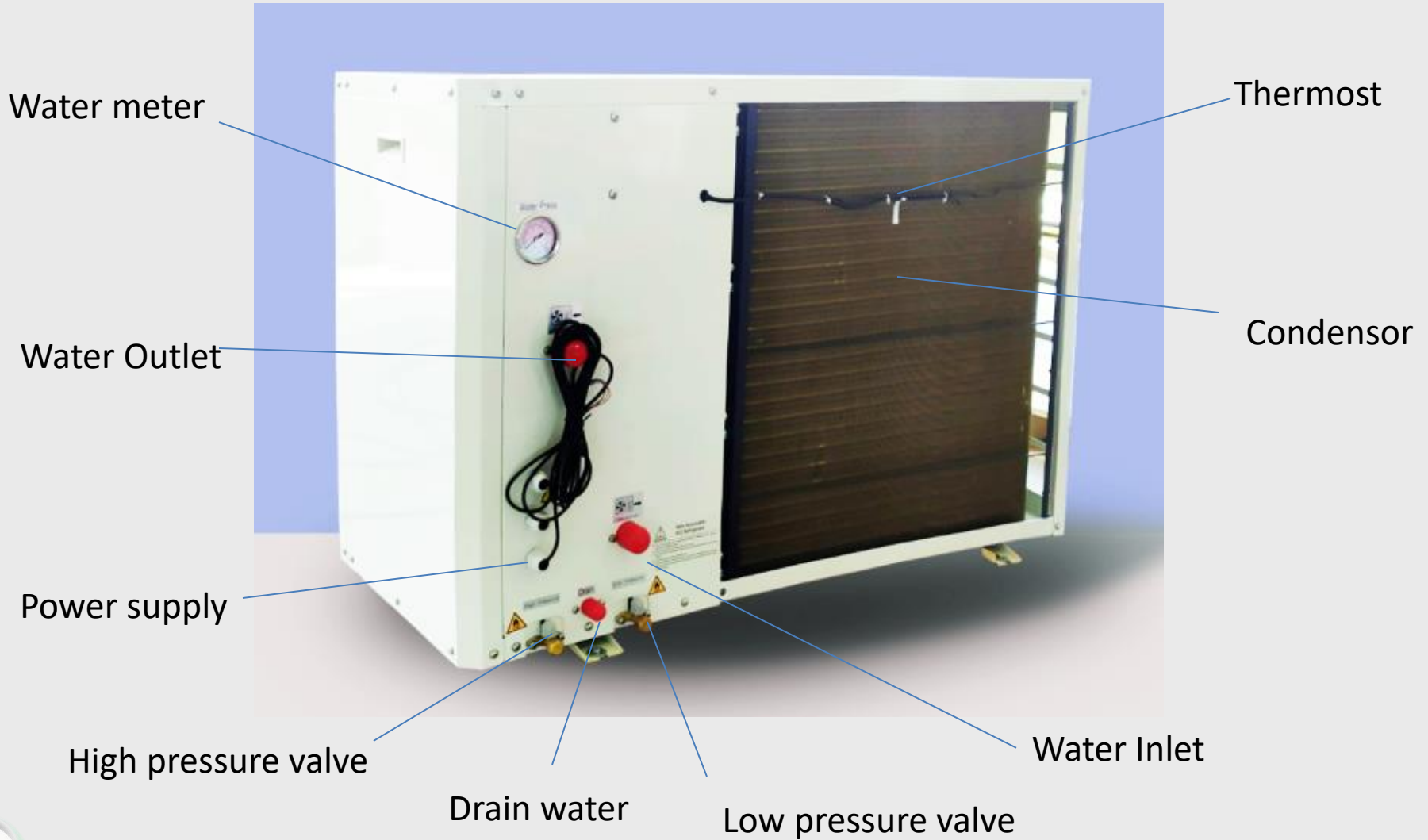


Key component



3

Key Component



Key component - Compressor

Compressor



Mitsubishi Twin Rotary Compressor for R32



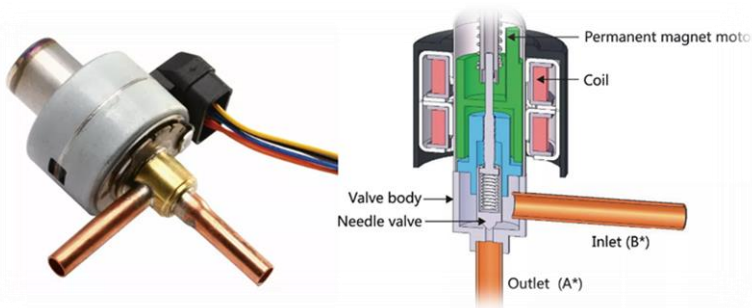
- World Famous brand DC inverter compressor, ensure stable heating capacity Even in -20° C ambient
- It is more reliable in system matching and quiet in operation

Key component — EEV&4-way valve

EEV(electronic expansion valve)

Japanese Saginomiya

Wider working temperature range,
faster and more accurate
refrigerant flow control



4-way valve

Heat and defrost



3

Key component - Controller

Touch screen

485/IC

5 Languages

Friendly UI



4

Products Series

16K,19K

12K

6K,9K



R32



Applications

World advanced auto defrost technology to ensure well working in cold weather with operation range from -20°C to 52°C for heating.



Outdoor air temperature range

	Cooling	Heating	Domestic Hot Water
Maximum	52	30	43
Minimum	15	-20	-20

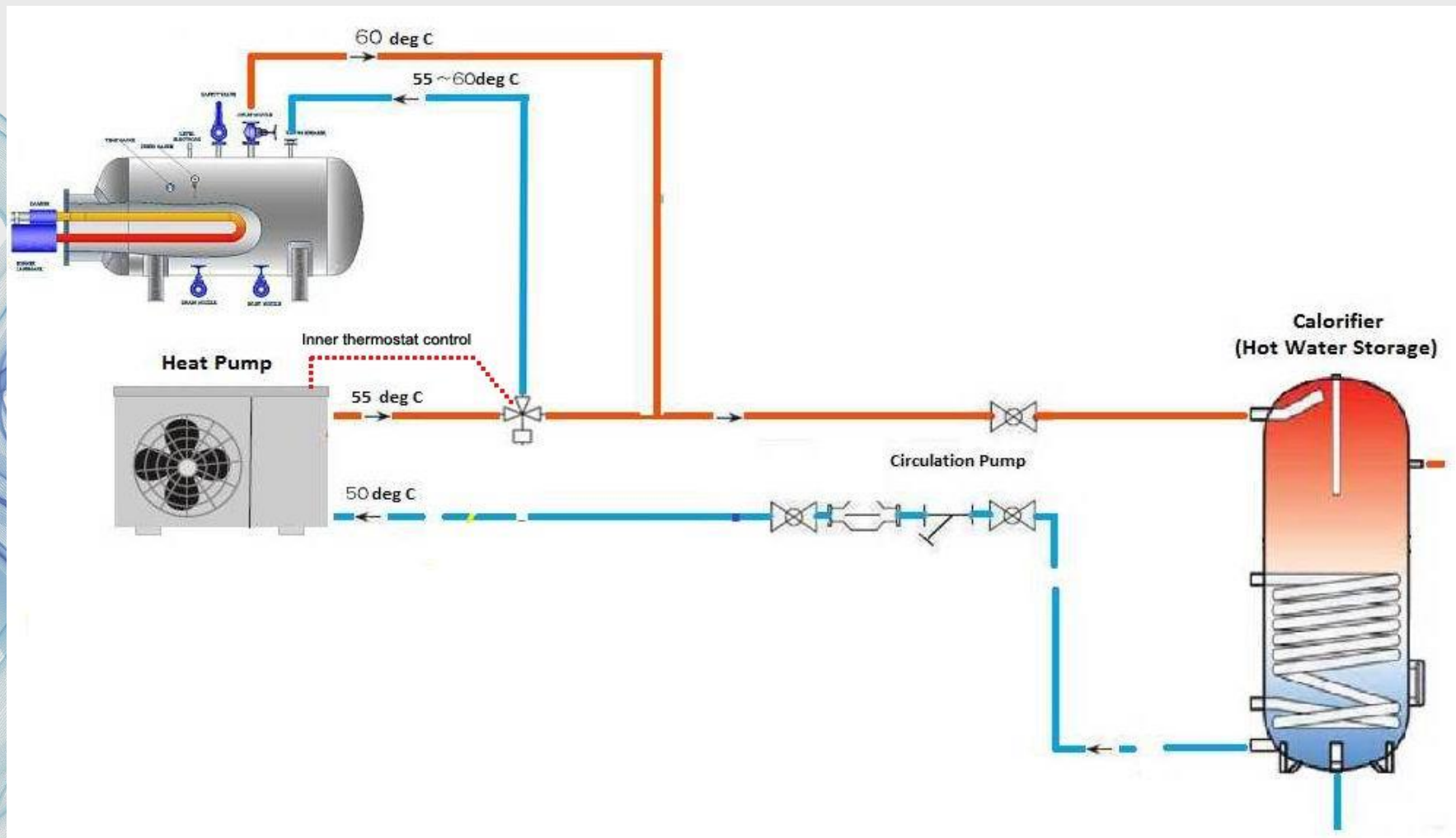
Leaving water temperature range

	Cooling	Heating	Domestic Hot Water
Maximum	18	60	60
Minimum	5	30	30

4

Applications

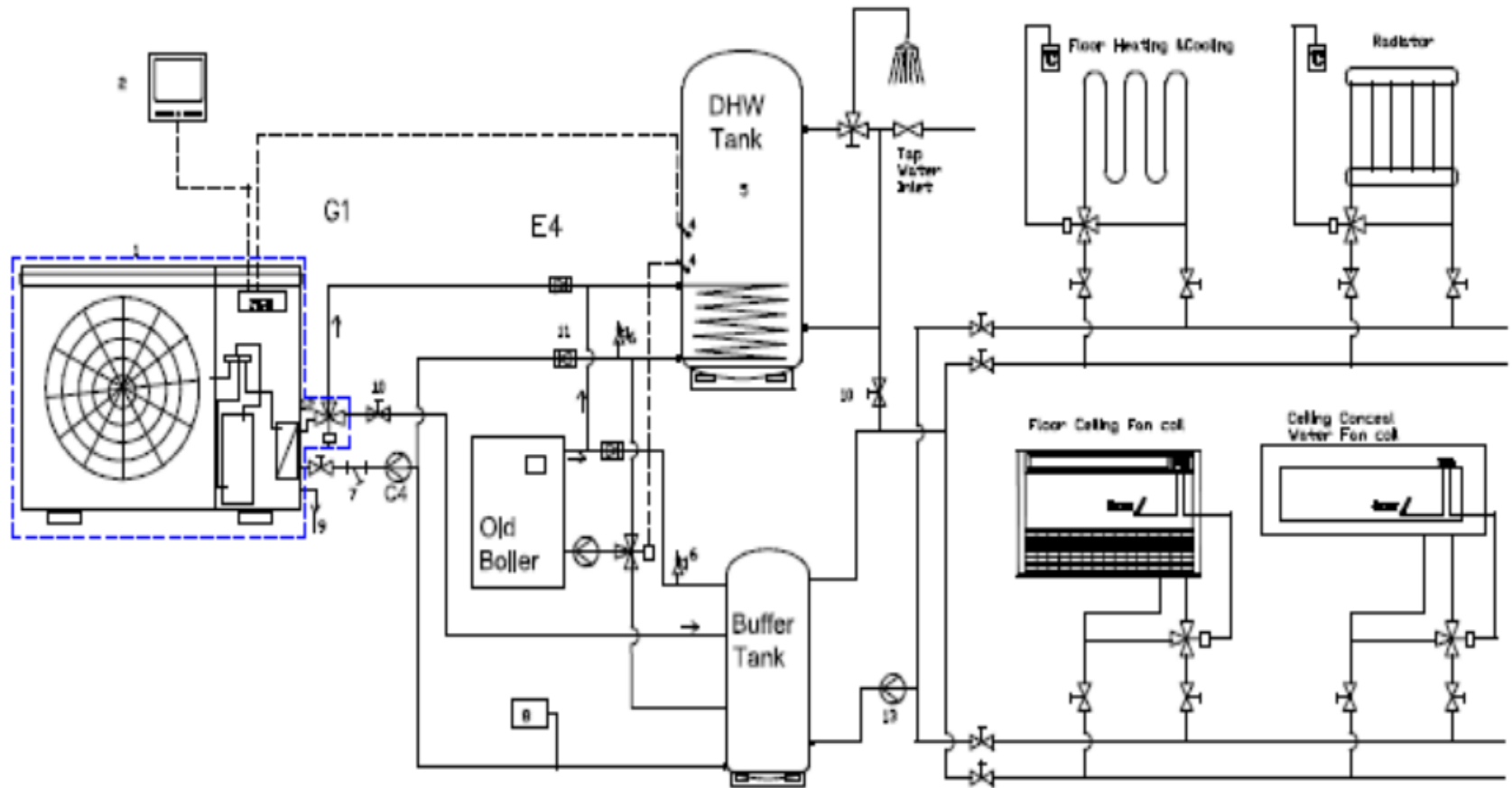
Secondary heat source auto switching function with inner thermostat
enable Palm AEO heat pump to Swift automatically between heat pump and backup heat sources



4

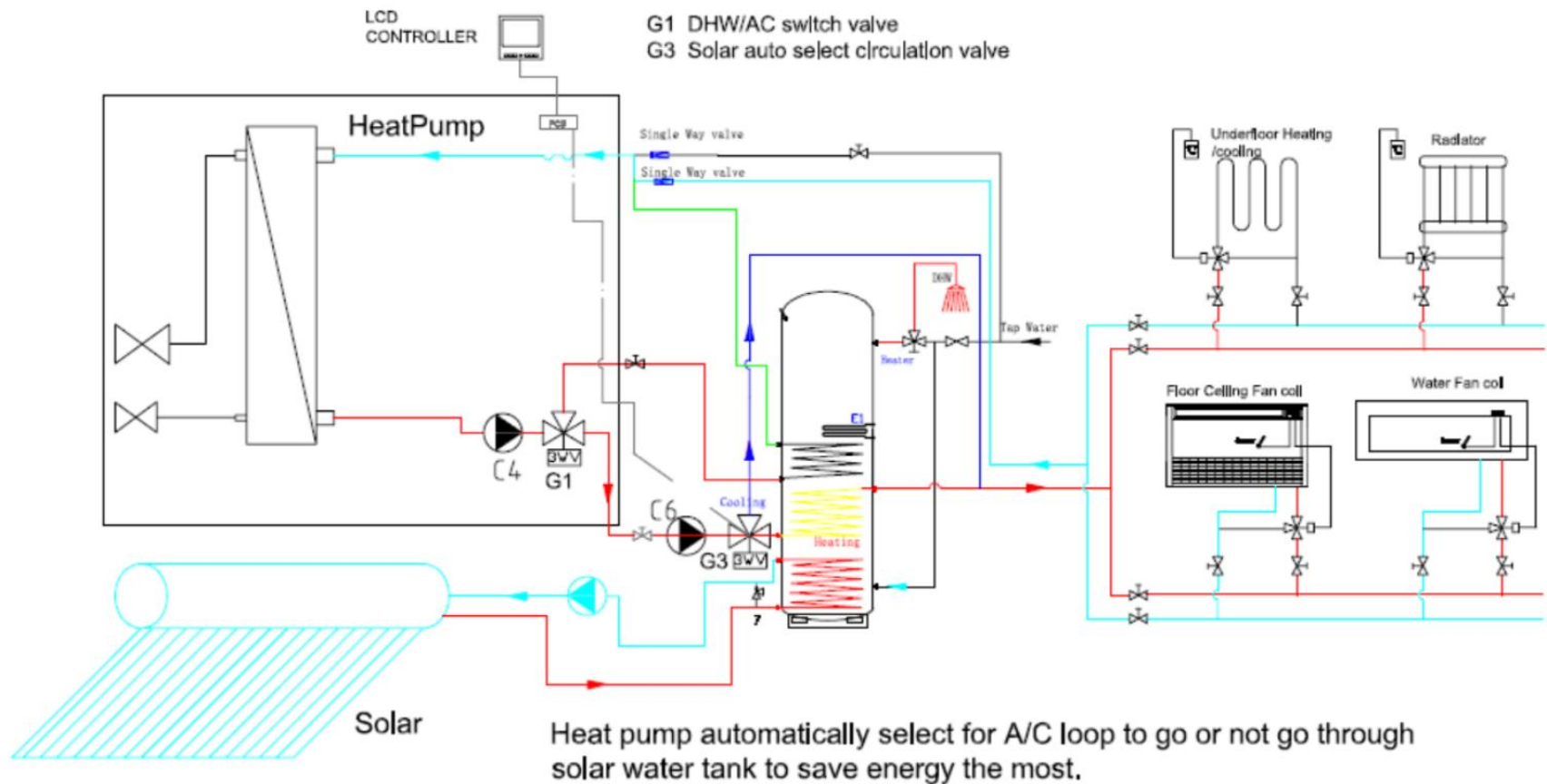
Applications

Application for heating/cooling + DHW in one solution.
With buffer and boiler connection



Application with solar

Multifunctional heat pump application for solar assist for room heating and DHW





High efficiency team

ISO9001,5S management system



European,
American
Australia

Big Market



20Years

Established in 2006, more than 20years experiences



With original European heat pump technology

Joint Venture

6 About us—The tech



AC/DC inverter

Advanced **energy-saving heat pumps multifunctional and central heating cooling** products



R410A/R32/R290

we are developing the tech of R290 refrigerant.

R32

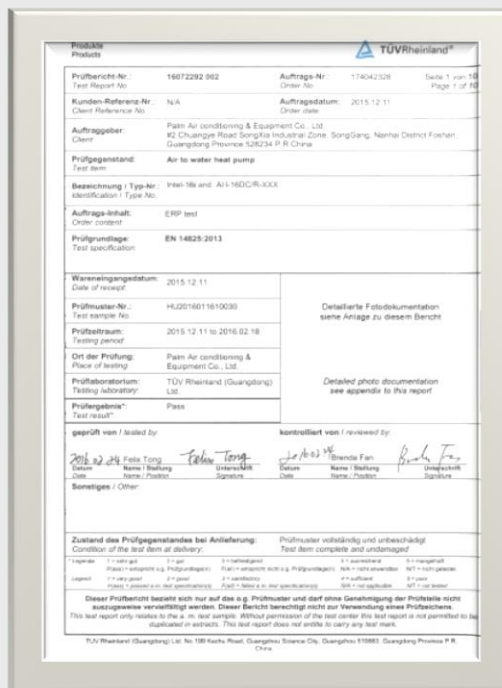
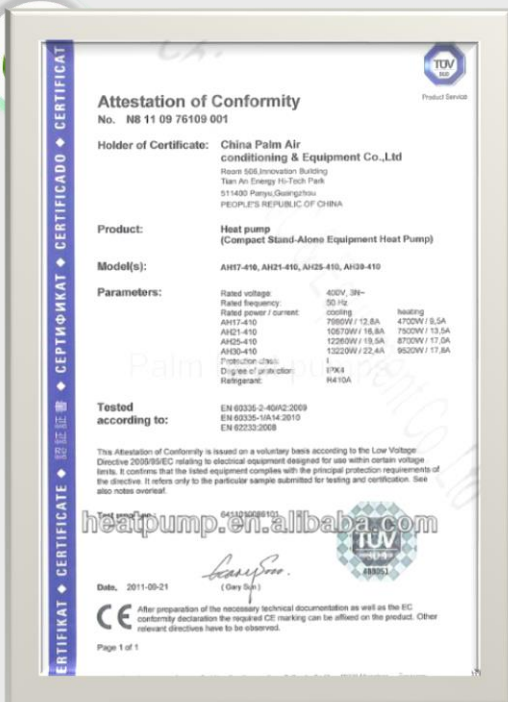
R290



Air, Solar, water, ground

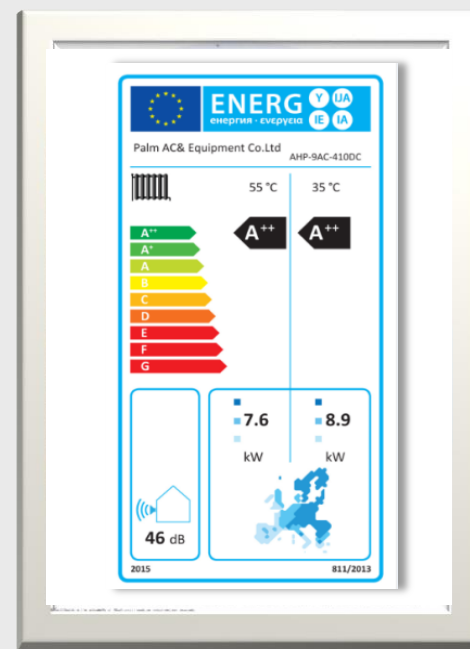
Different resources can be used, related products have been soled

About us



TUV EN14825, EN14511, EN813, UL, US's AHRI





TUV EN14825, EN14511, EN813, UL, US's AHRI

About us





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