

SANHUA INTERNATIONAL EUROPE
info@sanhuaeurope.com

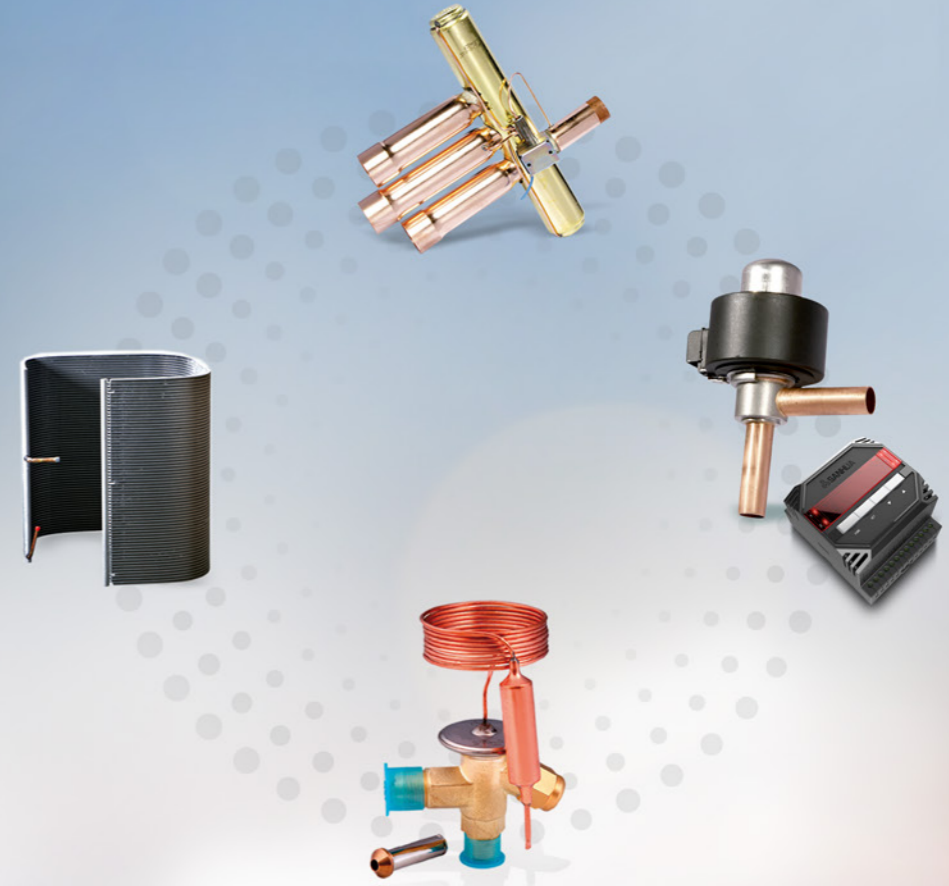


sanhuaeurope.com

chilling *ideas* worldwide



RELIABLE SUPPLIER OF
ENERGY EFFICIENT SOLUTIONS



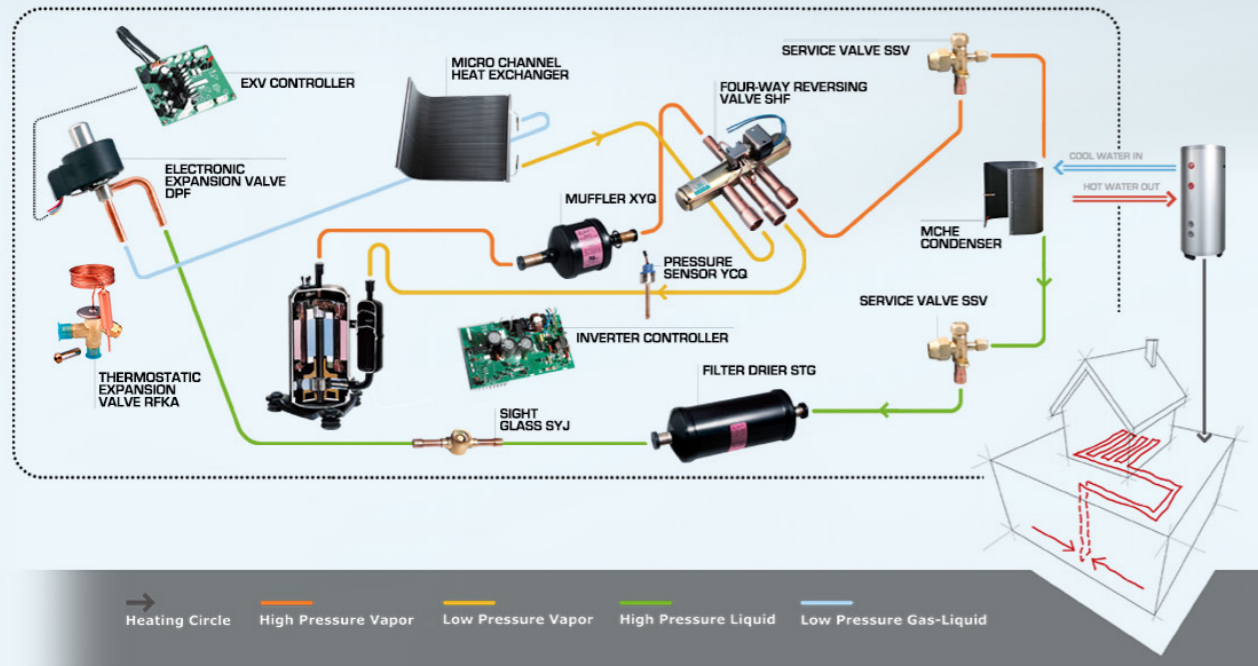
ADVANCED
Technology & Solutions



✓ Improves efficiency by **30%**
✓ Refrigerant Charge Reduction
by **30%**



Air to Water Heat Pump Application Solutions



Electronic Expansion Valve

SANHUA DPF-T/S SERIES

Type of fluids:
R22, R134A, R404A, R407C, R410A, R507A

Large temperature service range:
-30°C to +70°C (duty cycle below 50%)

PS: 45 bar

Cooling capacity:
3.5 to 105kW

Coil Protection:
IP 66. Insulation Class E



Thermostatic Expansion Valve

SANHUA RFGB/RFGD SERIES

Type of fluids:
R22, R134a, R404A, R407C, R507A

Large temperature service range:
-40°C to +70°C

PS: 35 bar

Capillar length:
1.5m



Solenoid Valve

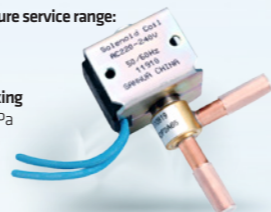
SANHUA FDF SERIES

Type of fluids:
R22, R134a, R404A, R407C, R410A, R507A

Large temperature service range:
-30°C to +120°C

PS: 45 bar

Maximum working pressure: 4.2 MPa



Micro-Channel Heat Exchangers

SANHUA MCHC SERIES

- Helps manufacturers to meet high SEER (Seasonal Efficiency Ratio) and HSPF (Heating Seasonal Performance Factor) requirements MCHC is more than 30% higher HT efficiency

- Up to 30% lower airside dP

- MCHC is lighter in weight, smaller in volume: up to 50%

- Minimum performances decrease with lifetime (100% brazed)



4 Way Reversing Valve

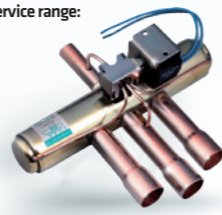
SANHUA SHF SERIES

Type of fluids:
R22, R134a, R404A, R407C, R410A, R507A

Large temperature service range:
-30°C to +135°C

OPD Max: 40 bar

PS: 45 bar



Brass Service Valve

SANHUA SSV SERIES

Type of fluids:
R134a, R404A, R407C, R410A, R507A

Large temperature service range:
-30°C to +120°C

PS: 4.5 MPa (45 bar)



Sight Glass

SANHUA SYJ SERIES

Type of fluids:
R22, R134a, R404A, R407C, R410A, R507A

Large temperature service range:
-50°C to +80°C

PS: 46 bar



Bi-flow Filter Drier

SANHUA STG SERIES

Type of fluids:
R22, R134a, R404A, R407C, R410A, R507A

Filtration: 20 µm

Large temperature service range:
-30°C to +120°C

PS: 48.3 bar



Pressure Sensor

SANHUA YCQ SERIES

Medium temperature TS min./max.:
-30°C / +120°C (models with 2% accuracy)

Medium temperature TS min./max.:
-40°C / +40°C (models with 0.8% accuracy)

Ambient temperature min./max.:
-30°C / +80°C (models with 2% accuracy)

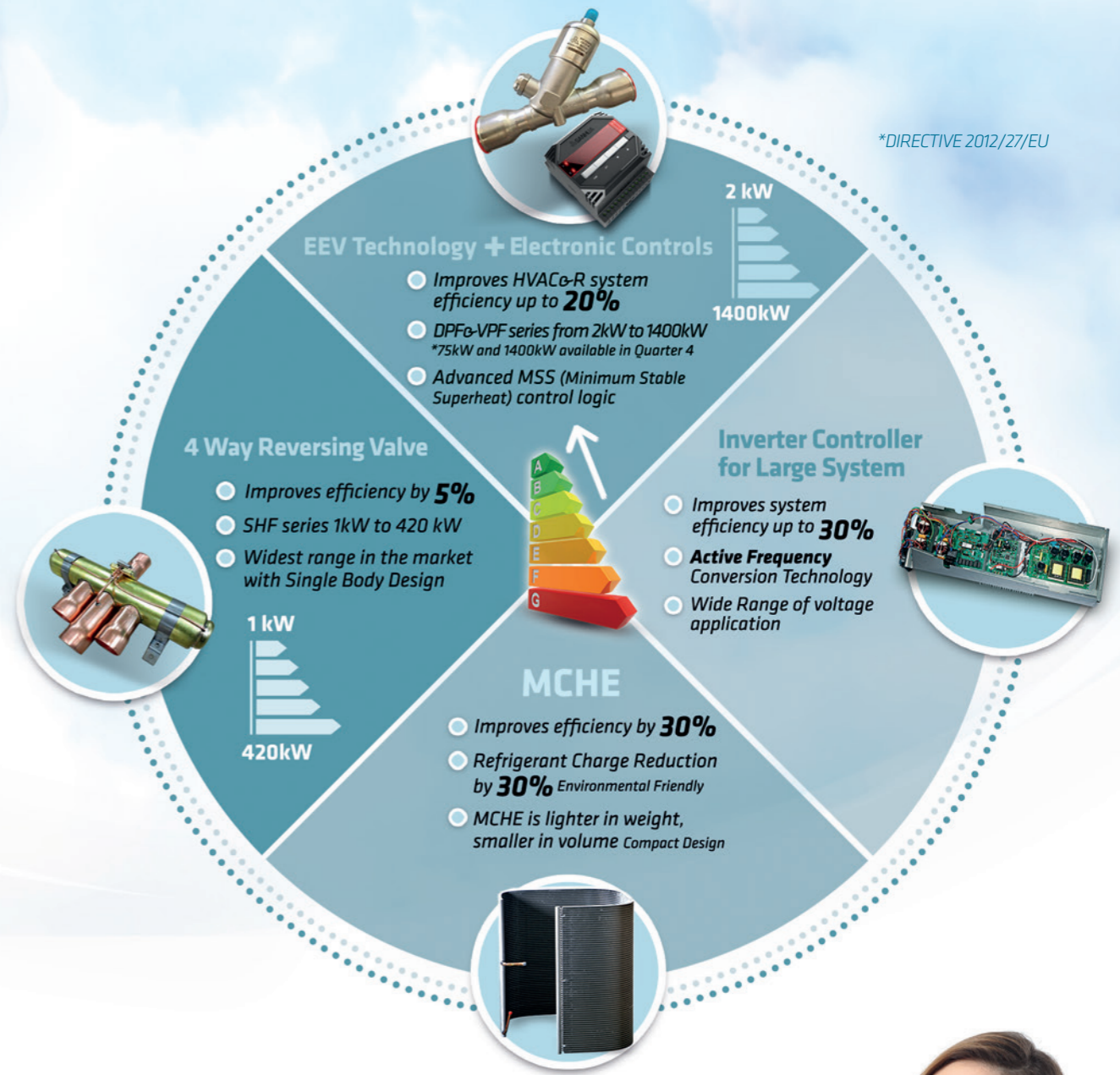
Ambient temperature min./max.:
-40°C / +80°C (models with 0.8% accuracy)



SANHUA YOUR ROAD MAP TO THE ENERGY EFFICIENCY DIRECTIVE*

KEEPS YOU ONE STEP AHEAD OF THE COMING EFFICIENCY AND ENVIRONMENTAL EUROPEAN CHALLENGES

*DIRECTIVE 2012/27/EU



EEV Technology + Electronic Controls

- Improves HVAC&R system efficiency up to **20%**
- DPF&VPF series from 2kW to 1400kW *75kW and 1400kW available in Quarter 4
- Advanced MSS (Minimum Stable Superheat) control logic

4 Way Reversing Valve

- Improves efficiency by **5%**
- SHF series 1kW to 420 kW
- Widest range in the market with Single Body Design

Inverter Controller for Large System

- Improves system efficiency up to **30%**
- Active Frequency Conversion Technology
- Wide Range of voltage application

MCHC

- Improves efficiency by **30%**
- Refrigerant Charge Reduction by **30%** Environmental Friendly
- MCHC is lighter in weight, smaller in volume Compact Design

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