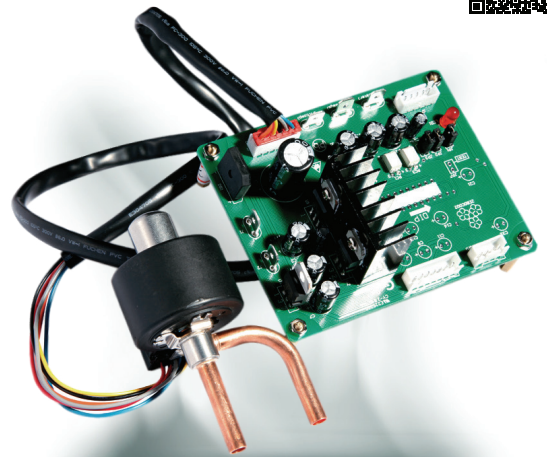


# SANHUA

## Controller for EEV



Electronic expansion valve controller is applicable for cooling systems such as room air conditioners, commercial air conditioners and freezers which is the core component for refrigerant flow control.

### FEATURES

- HIGH SHARING DESIGN

ADOPTING SHARING PCB DESIGN (4 MODELS), APPLICABLE FOR DETECTIONS OF THREE TEMPERATURE SENSORS OR ONE TEMPERATURE AND ONE PRESSURE SENSOR

APPLICABLE FOR SPLIT OR PACKAGED UNIT, EITHER COOLING OR BOTH COOLING AND HEATING WITH VARIOUS VOLTAGE

APPLICABLE FOR ALL SANHUA ELECTRONIC EXPANSION VALVES ALLOWING TROUBLE-FREE SELECTION AND COMPATIBILITY FOR CUSTOMERS

THE CONTROLLER IS EQUIPPED WITH A WHOLE SET OF ADVANCED SYSTEM CONTROL SOLUTIONS FOR WHICH PARAMETERS COULD BE ADJUSTED ACCORDING TO USERS' REQUIREMENTS

- HIGH QUALITY DESIGN

ADOPTING OVERHEAT FEEDBACK CONTROL, PID CORE ALGORITHM ADJUSTMENT AND CONTROL AS WELL AS FUNCTIONS SUCH AS ABNORMAL PROTECTION CONTROL, DEFROSTING CONTROL AND SENSOR ABNORMAL ALARM

USING IMPORTED HIGH QUALITY ELEMENTS FOR IMPORTANT COMPONENTS TO ENSURE CONTROL ACCURACY OF THE CONTROLLER

THE BOTTOM IS PAINTED WITH SILICA GEL TO IMPROVE DUST-FREE, MOISTUREPROOF AND CORROSION RESISTANCE PERFORMANCE

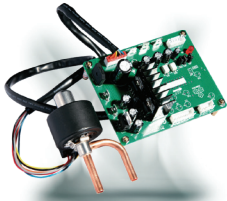
### TECHNICAL PARAMETERS

Project / Shared Model	Cooling Only, Cooling & Heating
Voltage	DC12V±10%, AC24V±10%, AC100V~AC240V
Frequency	50Hz/60Hz
Construction mode	One-unit, dual-panel FR-4 design
Ambient temperature and humidity	-20°C ~ +70°C, 10% ~ 95%
Storage environment temperature and humidity	-30°C ~ +85°C, 10% ~ 95%
Rated Electric Input Power	20VA
Max. Electric Input Power	30VA
Applicable Expansion Valve Type	Q series, O series, S series , R series , T series
Applicable Expansion Valve Port Size	1.3mm ~ 6.5mm



CHILLING IDEAS WORLDWIDE

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# SANHUA Controller for EEV

## TECHNICAL PARAMETERS

Project / Shared Model	Cooling & Heating Type
Applicable Expansion Valve Full Open Pulse	500Pulse, 2000Pulse
Applicable Expansion Valve Excitation Mode	1~2 phase excitation, 2~2 phase excitation
Size	90x70mm, 100x80mm, 110x90mm, available for customization as per customers' needs
Certification	3C/CE/ETL/TUV/UL(including EMC)