



Step Valve

DDF series step valve are mainly used in dual temperature/ double control household refrigerators with variable temperature areas (with 0°C preservation area or -7°C temperature area) and similar refrigeration systems for controlling and switching the flow direction of refrigerant.



FEATURES

- OPTIMIZED DESIGN OF REFRIGERATION SYSTEM, LOWER POWER CONSUMPTION
- LOW OPERATION NOISE: UTILIZING ROTARY ACTUATION

GENERAL SPEC.

- Applicable refrigerant: R600a and R134a
- Applicable medium temperature: -20°C ~ +65°C
- Applicable ambient temperature: -20°C ~ +60°C
- Relative humidity: below 95%RH
- Noise: Distance 15cm, starting noise ≤ 50dB (A), rotary noise ≤ 40dB (A)

TECHNICAL PARAMETERS

Technical Parameters of Valve Body				
Model	Port mm	Air Flow L/h ($\Delta P=0.8MPa$)	Inner Leakage mL/min ($\Delta P=0.8MPa$)	Max. Working Pressure MPa
DDF	0.8	≥1500	150	2.5
Electrical Parameters of Coil				
Resistance at 20°C Ω	Rated Voltage V	Voltage Change	Rated Current When Unidirectional Winding is Powered mA	Max. Differential Pressure of Opening Valve MPa
46±3	DC12V	90%~110%	260	1.8

DIMENSIONS

- Product structure and interface dimensions can be customized according to the customer's requirements.

