

MOTOR OPERATED VALVE

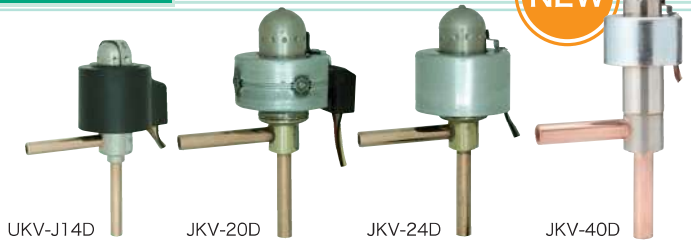
Type UKV-J,JKV

OEM

NEW

FEATURES

- Max. Operating Pressure Differential 10MPa
- Compact and light weight design
- Contributing to energy saving



SPECIFICATIONS

Catalog No.	Port Size (φmm)	Cv Value	Capacity (kW) {U.S.R.T}		Max. Working Pressure (MPa)	Operating Pressure Differential (MPa)	Connection (Solder) (mm)		Wt. (kg)
			R744 (CO ₂) *1	R744 (CO ₂) *2			B side	A side	
UKV-J08D	0.8	0.015	2.7 {0.8}	3.6 {1.0}	15	0~10	φ6.35 OD	φ6.35 OD	0.05
UKV-J10D	1.0	0.025	4.6 {1.3}	6.1 {1.7}					
UKV-J14D	1.4	0.056	10.3 {2.9}	13.6 {3.9}					
JKV-20D	2.0	0.12	21.9 {6.2}	29.0 {8.2}					
JKV-24D	2.4	0.17	30.7 {8.7}	40.7 {11.6}					
JKV-40D	4.0	0.6	110.4	146.3			φ12.7 OD	φ12.7 OD	

*1 CT=-5°C, ET=-25°C, SH=0°C, SC=0°C

*2 Gas cooler inlet temp.=70°C, Gas cooler outlet temp.=22°C, ET=6°C, SH=0°C

• Allowable fluid temperature: -30 to 70°C (Standard coil)
-40 to 60°C (Coil for low temperature)

• Ambient temperature: -30 to 70°C (Standard coil)

*Energization rate 50% or less
-50 to 60°C (Coil for low temperature)

* Full open type is available. Please contact us for details.

SPECIFICATIONS OF COIL

Valve Type	Excitation method	Rated Voltage & Current	Insulation Class	Wt. (kg) *2
Type UKV-J08D	1-2 Phase excitation	12V.DC ... 260mA/Phase 24V.DC ... 130mA/Phase	*1 Class E Molded	0.12
Type UKV-J10D				
Type UKV-J14D				
Type JKV-20D		12V.DC ... 380mA/Phase		0.17
Type JKV-24D				
Type JKV-40D				

*1 Conform to IEC60085, 60335-2-40 *2 For lead wire length 1000mm

DIMENSIONS

