

RFKH SERIES EXPANSION VALVES



RFKH Series thermostatic expansion valves are used to accurately control mass flow of refrigerant, while closely controlling the superheat at the outlet of the evaporator. Wide working conditions means they can be used for various applications with typical installations including: coolrooms, freezers, ice makers, dehumidifiers or any other application where precise superheat control is required.

FEATURES

- Similar size to most commonly used expansion valves allows for easy service replacement
- Compact dimensions allows valve to be fitted in tight spots with limited space
- Stainless steel element, capillary & bulb offers high corrosion and vibration resistance
- Wide operating temperature range, makes suitable suitable for a wide range of applications
- Precise control with easy adjustment of superheat setting

TX VALVES

ITEM NO.	DANFOSS EQUIVALENT	REFRIGERANT	TEMPERATURE RANGE (°C)	CONNECTIONS	
				IN	OUT
RFKH04E-2.9-31	TEN2S	R134a	+10 to -40	1/4" MF	1/2" Solder
RFKH03E-4.8-10	TES2S	R404A	+10 to -40		
RFKH03E-4.8-310	TES2S-MOP	R404A (MOP)	-15 to -40		

ORIFICES

ITEM NO.	ORIFICE NUMBER	NOMINAL CAPACITY KW			
		R404A		R134a	
		-5	-25	-5	-15
RFKH-023-0X	0X	0.7	0.6	0.6	0.6
RFKH-023-00	0	1.2	0.9	1.1	0.9
RFKH-023-01	1	2.3	1.4	1.7	1.4
RFKH-023-02	2	3.1	1.6	2.1	1.6
RFKH-023-03	3	5.2	2.8	3.5	2.7
RFKH-023-04	4	8.0	4.0	5.1	3.9
RFKH-023-05	5	10.6	5.3	6.7	5.1
RFKH-023-06	6	12.6	6.3	8.1	6.1

- Nominal capacities are based at 2k sub-cooling & 45deg condensing, 1.5Bar DP across the valve
- Valves should be initially installed with the factory setting unaltered. Should adjustment be necessary, remove the sealing cap and adjust the spindle; clockwise to increase superheat / anti-clockwise to decrease the superheat.