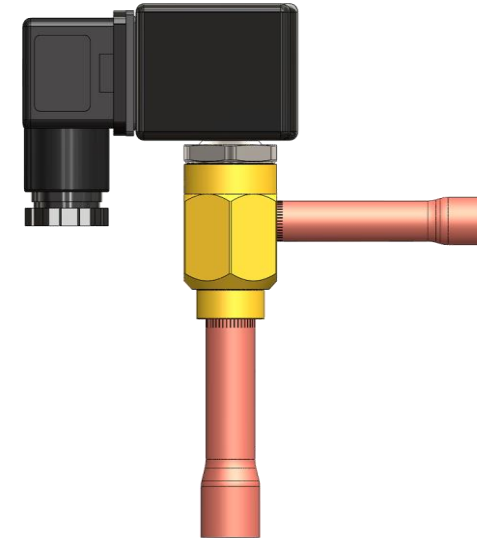


# PEV – AKV cross-reference

## EEV comparison table

Danfoss AKV				SANHUA PEV			
MWP = 90 bar / -60~60°C-Refrigerant / -50~80°C Ambient				MWP = 90 bar / -60 ~70°C-Refrigerant / -40~55°C Ambient			
Model	Connection	kV [m3/h]	MOPD* [Bar]	Model	Connection	kV [m3/h]	MOPD [Bar]
AKV 10P0	3/8 × 1/2	0.003	from 22 to 35	PEV0-1	3/8 × 1/2	0.003	35
AKV 10P0	10 × 12	0.003		PEV0-2	10 × 12	0.003	
AKV 10P1	3/8 × 1/2	0.009		PEV1-1	3/8 × 1/2	0.009	
AKV 10P1	10 × 12	0.009		PEV1-2	10 × 12	0.009	
AKV 10P2	3/8 × 1/2	0.016		PEV2-1	3/8 × 1/2	0.016	
AKV 10P2	10 × 12	0.016		PEV2-2	10 × 12	0.016	
AKV 10P3	3/8 × 1/2	0.024		PEV3-1	3/8 × 1/2	0.024	
AKV 10P3	10 × 12	0.024		PEV3-2	10 × 12	0.024	
				PEV3.5-1	3/8 × 1/2	0.035	30
				PEV3.5-2	10 × 12	0.035	
AKV 10P4	3/8 × 1/2	0.046	from 16 to 35	PEV4-1	3/8 × 1/2	0.046	
AKV 10P4	10 × 12	0.046		PEV4-2	10 × 12	0.046	
AKV 10P5	3/8 × 1/2	0.064	from 18 to 35	PEV5-1	3/8 × 1/2	0.064	25
AKV 10P5	10 × 12	0.064		PEV5-2	10 × 12	0.064	
AKV 10P6	3/8 × 1/2	0.114	from 13 to 35	PEV6-1	3/8 × 1/2	0.114	18
AKV 10P6	10 × 12	0.114		PEV6-2	10 × 12	0.114	
AKV 10P7	1/2 × 5/8	0.185	From 9 to 18				
AKV 10P7	12 × 16	0.185					
AKV 10P8	1/2 × 5/8	0.25					
AKV 10P8	12 × 16	0.25					



## PEV - coils

Model	U11 Code Multi-Pack	Rated Voltage	Frequency	Power	Insulation Class	Ingress Protection
HQ1F11	10780001202	AC220~230V	50Hz	7w	F	IP 67
HQ1D11	10780000602	AC120V	50Hz	6w		
			60Hz	5w		
HQ1K11	10780000702	AC24V	50Hz	6w		
			60Hz	5w		

\* Depend on the coils model

Same position for the copper tubes (67 mm / 75 mm)