

Cross-Referencing Danfoss Refrigeration Components by IMPA and OEM Code

Danfoss · 2026 edition · Cross-reference guide

Thermostatic expansion valves (TXV)

Family	Capacity	Refrigerants	Body
TU / TUA / TUAE / TUB / TUBE	0.4 - 7.5 kW	R404A, R448A, R449A, R452A, R134a	Stainless
TE 5	1.0 - 8.0 kW	R404A, R448A, R449A, R134a	Brass
TE 12	7 - 30 kW	R404A, R448A, R449A, R134a	Brass
TE 20	13 - 60 kW	R404A, R448A, R449A, R134a	Brass
TGE / TGEL	2 - 40 kW	R404A, R448A, R449A, R134a, R717	Brass

Solenoid valves

Family	Function	Ports	Refrigerants
EVR	Direct-acting on/off	1/4" - 2 1/8" ODF	All HFC, HCFC, R717
EVRS	Direct-acting, stainless	Compact	Marine
EVRA	Servo, larger orifice	DN10 - DN40	HFC, R717, R744
EVU	Universal, hermetic	3/8" - 1/2"	Compact plant

Pressure switches and controls

Family	Function	Range
KP1 / KP2	LP or HP cut-out	-0.9 to 7 bar / 8 to 32 bar
KP5	HP safety manual reset	8 to 32 bar
KP15 / KP17	Dual LP + HP	Combined
RT-1A / RT-5A	Industrial	0.2 - 6 / 4 - 17 bar
MP54 / MP55A	Oil differential	0.3 - 4.5 bar dp

Filter driers

Family	Desiccant	Refrigerants
DML	100% molecular sieve	HFC / HFO
DCL	80% sieve + alumina	HFC / HFO / retrofit
DAS	Acid burnout core	Recovery post-burn
DCR (ELIMINATOR)	Replaceable core	Field-serviceable

IMPA cross-reference notes

IMPA Marine Stores Guide indexes Danfoss thermostatic and solenoid valves under section 79. The listed IMPA code resolves to the Danfoss code number rather than the OEM part number; verify against the Danfoss product store before issuing a purchase order. Class-society type-approval certificate must accompany BWMS or refrigeration plant deliveries.

Related on cBallast

- <https://cballast.com/brands/Danfoss>
- <https://cballast.com/categories/Refrigeration>

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