



Managing efficient, safe and trouble-free evaporator operation

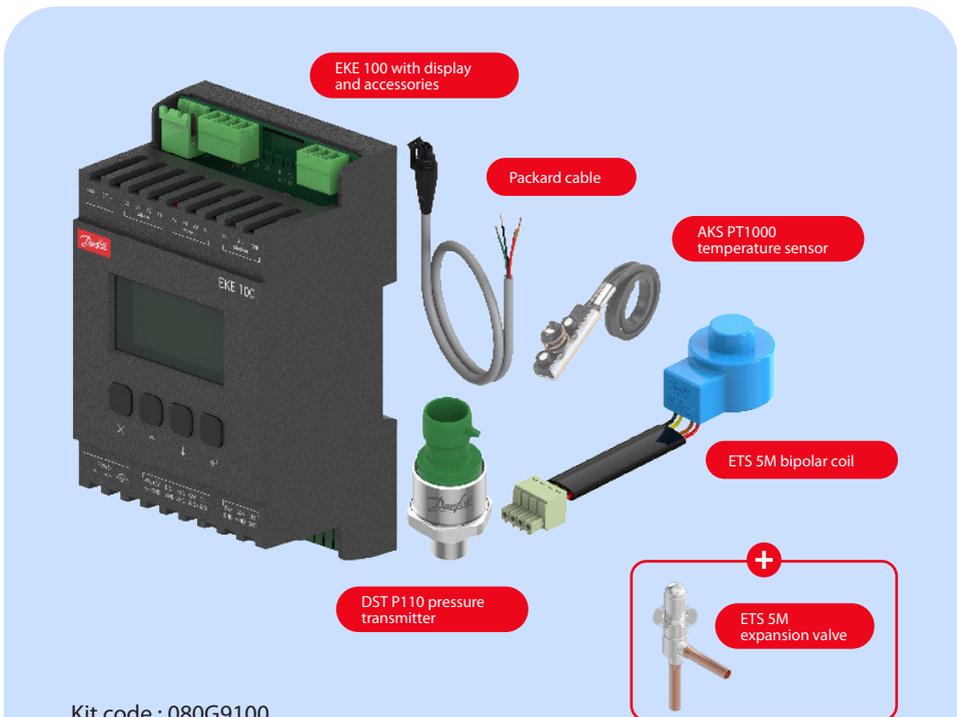
2 product codes selection for 1 installation

With best-in-class components, the SCK, Stepper Superheat Controller Kit and ETS 5M deliver a versatile and high-performance solution for LBP, MBP and HBP systems, from 0.5 kW to 32 kW capacities.

Available with just 2 code numbers, the selection of the complete solution for SH management of your cold rooms or chillers is easy and lean.

Pick up your pack and connect it with the electric expansion valve needed for your system capacity.

The kit is suitable for all commonly used refrigerants.



Kit code : 080G9100

2 product codes selection for 1 installation

The SCK Superheat Controller Kit + ETS 5M valve enable simple, fast installation while reducing volume in stock.

SCK kit brings together 5 essential components into one convenient package solution.

Kit code : 080G9100

- **EKE 100 SH controller and stepper valve driver:** With stable, precise performance and control logic, superior operating conditions, and easy setup via KoolProg PC suite, Koolkey, Display and Modbus, the EKE 100 supports highly reliable system functioning — encapsulating 20+ years of experience in superheat management and valve drive.
- **Packard cable**
- **ETS 5M bipolar coil with 12DC V;** Electrical connector is suitable for any ETS 5M valve MC-RA3.5H04C-0001; Features 2.7 m length.
- **AKS 11 temperature sensor** can be used for temperature logging on monitoring in conjunction with Danfoss controllers. The sensor is color coded, comes adjusted and complies with the requirements tolerance in EN 60751, class B; Features 8.5 m cable length.
- **DST P110 pressure transmitter** 1 to 12 bar is designed for demanding applications. Running a powerful ARM-based microcontroller, the DST P110 offers diagnostic and scalable performance features.



+ Select the ETS 5M valve for your system capacity:

To offer it for a broad range of applications, you just, in complement, select the expansion valve which fits your system capacity.

- **ETS 5M** Best-in-class expansion stepper motor valve, fits a broad range of chillers and cold rooms. It is a compact and lightweight valve with a high level of reliability. It provides a precise solution for expansion and flow control in a wide range of refrigeration and air conditioning including reversible systems.

Type	Orifice size	Inlet x Out - let	Rated cap.		Code no
	[mm]	[in]	R448/449A kW	R454C kW	
ETS 5M10	1.0	1/4 x 1/4	4,07	3,72	034G6423
ETS 5M13	1.3	1/4 x 1/4	7,84	7,145	034G6404
ETS 5M17	1.65	1/4 x 1/4	10,89	9,92	034G6407
ETS 5M20	2.0	1/4 x 1/4	14,42	13,11	034G6409
ETS 5M24	2.4	1/4 x 1/4	17,59	15,98	034G6412
ETS 5M25	2.5	1/2 x 1/2	19,77	18,03	034G6501
ETS 5M30	3.0	1/2 x 1/2	26,71	24,33	034G6503
ETS 5M35	3.5	1/2 x 1/2	29,77	27,14	034G6505
ETS 5M40	4.0	1/2 x 1/2	33,6	30,55	034G6507

Design config shape L; Conn typ solder, ODM; Pack format, multi pack ; Qty/ Pack, 20 pieces
Capacities MBP: -10°C evap / +43°C cond. / SH 8K / SC 1K



Check in **Coolselector2®** or in Danfoss datasheet for performance, capacities and refrigerant compatibility of each individual component.