

**067N3158****Thermostatic expansion valve, TGE, R410A**

Temperature range [°F]: -40 - 50, Orifice capacities [kW]: 45.00, Orifice capacities [TR]: 13.00, Pressure equalization: Externally equalized, Superheat setting: Adjustable

PRODUCT DETAILS

Gross weight	0.51 kg
Net weight	0.4 kg
EAN	5702428140935
Approval	C UL US LISTED EAC LLC CDC TYSK
Balanced port [Yes/No]	Yes
Body material	Brass
Bulb temperature max. [°C]	100 °C
Bulb temperature max. [°F]	210 °F
Capillary tube length [in]	59 in
Capillary tube length [mm]	1500 mm
Connection material	Copper
Direction	Straightway
Element temperature max. [°C]	110 °C
Element temperature max. [°F]	230 °F
Equalization connection type	Solder, ODF
Equalization size [in]	1/4 IN
Flow direction	Bi-flow
Flow direction indicator	Embossed 1-way arrow
Identical product	067N3178
Inlet connection type	Solder, ODF
Inlet size [in]	5/8 in
Max. Working Pressure [bar]	49 bar
Max. Working Pressure [psig]	711 psig
Orifice capacities [kW]	45 kW
Orifice capacities [TR]	13 tons
Orifice size	11
Outlet connection type	Solder, ODF
Outlet size [in]	1 1/8 in
Packing format	Multi pack
Parts included	Bulb strap
Pressure equalization	Externally equalized
Product accessories	TXV accessories
Product description	Thermostatic Expans. Valve
Product family name	TGE
Product group	Expansion valves
Product name	Thermostatic expansion valve

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Product Detail | Thermostatic expansion valve, TGE, R410A

PRODUCT DETAILS

Quantity per packing format	12 pc
Rated cap. cond. Range N [IMP]	tcond=100 °F tevap=40 °F tliq=98 °F
Rated cap. cond. Range N [SI]	tcond=38 °C tevap=4.4 °C tliq=37 °C
REACH Candidate List substances >0.1%	Lead (CAS no. 7439-92-1)
Refrigerants	R410A
Serviceable	No
Static Superheat (SS) [°C]	4 °C
Static Superheat (SS) [°F]	7.2 °F
Superheat setting	Adjustable
Temperature range [°C] [Max]	10 °C
Temperature range [°C] [Min]	-40 °C
Temperature range [°F] [Max]	50 °F
Temperature range [°F] [Min]	-40 °F
Type	TGE
UL approved refrigerants	R410A
Valve body temp. max. [°C]	100 °C
Valve body temp. max. [°F]	210 °F

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Accessories

**067N0557** [🔗](#)**Generic accessories, Spare Part Bulb Strap L225mm I/40**

Spare Part Bulb Strap L225mm I/40, Used for product: TE; TGE

**068U3506** [🔗](#)**TXV accessories, Accessory 0.4mm bulb strap I/45**

Accessory 0.4mm bulb strap I/45, Used for product: T 2; TE 2; TR 6; TU

**068U3508** [🔗](#)**TXV accessories, Accessory bag with long Bulb strap M/45**

Accessory bag with long Bulb strap M/45, Used for product: T 2; TC; TE 2; TU

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.