

**068N7685****Thermostatic expansion valve, TD 1, R290**

Temperature range [°C]: -40 - 10, Orifice capacities [kW]: 4.36, Orifice capacities [TR]: 1.24, Pressure equalization: Internally equalized

PRODUCT DETAILS

Gross weight	0.199 Kilogram
Net weight	0.19 Kilogram
Volume	0.489 Cubic decimeter
EAN	5702424615291
Adjustable	Yes
Approval	C UL US LISTED EAC LLC CDC TYSK
Balanced port [Yes/No]	No
Body material	Brass
Capillary tube length [in]	30 in
Capillary tube length [mm]	750 mm
China RoHS compliance	Yes exceed limitations
Connection material	Copper
Direction	Straightway
Element temperature max. [°C]	100 °C
Element temperature max. [°F]	210 °F
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Factory setting [bar]	4.15 bar
Factory setting [psig]	60.3 psig
Filter	Integrated
Flow direction	Single-flow
Flow direction indicator	Stamped 1-way arrow
Ignition source assessment	Yes
In scope of WEEE and contain batteries	No
Inlet connection type	Solder, ODF
Inlet size [in]	3/8 in
Max. Working Pressure [bar]	34 bar
Max. Working Pressure [psig]	500 psig
Orifice capacities [kW]	4.36 kW
Orifice capacities [TR]	1.24 TR
Orifice size	4
Outlet connection type	Solder, ODF
Outlet size [in]	1/2 in
Packing format	Multi pack
Parts included	Bulb strap
Pressure equalization	Internally equalized

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Product Detail | Thermostatic expansion valve, TD 1, R290

PRODUCT DETAILS

Product accessories	TXV accessories
Product group	Expansion valves
Product Name Description	Thermostatic expansion valve
Quantity per packing format	20 pc
Rated cap. cond. Range N [IMP]	tcond=90 °F tevap=41 °F tliq=82 °F
Rated cap. cond. Range N [SI]	tcond=32 °C tevap=5 °C tliq=28 °C
Refrigerants	R290
Serviceable	No
Static Superheat (SS) [°C]	3 °C
Static Superheat (SS) [°F]	5.4 °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	TD 1
UK RoHS compliance	Out of scope
UL approval file name	SA7200

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