



034N0082 

Hot gas bypass regulator, CPCE 12

Inlet size [mm]: 12, Inlet connection type: Solder, ODF, Outlet size [mm]: 12,
 Outlet connection type: Solder, ODF, Regulation range [bar]: 0 - 6, Max.
 Working Pressure [bar]: 28

PRODUCT DETAILS

Gross weight	0.96 Kilogram
Net weight	0.84 Kilogram
Volume	2.139 Liter
EAN	5702422007821
Type	CPCE 12
Product group	Press. and temp. regul. valves
Product Name Description	Hot gas bypass regulator
Approval	C UL US LISTED EAC LLC CDC TYSK RoHS RoHS China
Approval file name	REFRIGERANT VALVE 53R0
China RoHS compliance	Out of scope
Contains batteries	No
Customer part number	00A424
Differential pressure [bar]	18 bar
Differential pressure [psi]	260 psi
EU RoHS compliance	Out of scope
Factory setting [bar]	0.4 bar
Factory setting [psig]	5.8 psig
Flow direction indicator	Embossed 1-way arrow
Further information	Injection: LG liq. gas mixer
Inlet connection type	Solder, ODF
Inlet size [in]	1/2 in
Inlet size [mm]	12 mm
Max. test pressure [bar]	31 bar
Max. test pressure [psig]	450 psig
Max. Working Pressure [bar]	28 bar
Max. Working Pressure [psig]	406 psig
Medium temperature range [°C] [max]	140 °C
Medium temperature range [°C] [min]	-50 °C
Medium temperature range [°F] [max]	284 °F
Medium temperature range [°F] [min]	-58 °F
Outlet connection type	Solder, ODF

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PRODUCT DETAILS

Outlet size [in]	1/2 in
Outlet size [mm]	12 mm
Packing format	Multi pack
Pilot line conn. size [in]	7/16 in - 20 UNF
Pilot line connection type	Flare
Product accessories	KV valves accessories
Quantity per packing format	8 pc
Rated cap. conditions [IMP]	Delta ts=7 °F tcond=86 °F tevap=-14 °F
Rated cap. conditions [SI]	Delta ts=4K tcond=30 °C tevap=-10 °C
Rated cap. R404A/R507A [kW]	16.4 kW
Rated cap. R404A/R507A [TR]	6.3 TR
Rated capacity R134a [kW]	7.9 kW
Rated capacity R134a [TR]	4.3 TR
Rated capacity R22 [kW]	17.4 kW
Rated capacity R22 [TR]	6.2 TR
Rated capacity R407C [kW]	19 kW
Rated capacity R407C [TR]	6.7 TR
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R1234ze(E), R1270, R134a, R22, R290, R404A, R407A, R407C, R407F, R407H, R448A, R449A, R449B, R450A, R452A, R454A, R454C, R455A, R507A, R513A, R515B, R516A, R600, R600a
Regulation range [bar] [max]	6 bar
Regulation range [bar] [min]	0 bar
Regulation range [psi] [max]	85 psi
Regulation range [psi] [min]	0 psi
Regulation range [psig] Pe [max]	85 psig
Regulation range [psig] Pe [min]	0 psig
SCIP dossier no.	07f60708-3237-4fd0-9275-7e8aeecb838
SCIP dossier product name	CPCE
Serviceable	KV valves spare parts
UL approved refrigerants	R134a, R22, R404A, R407A, R407C, R407F, R407H, R448A, R449A, R449B, R450A, R452A, R507A, R513A, R515B, R516A
UL mark	Yes

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Accessories


069G4001 [🔗](#)

Liquid gas mixer, LG 12 - 16

Used for product: CPCE 12

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

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Accessories



069G4002 [🔗](#)

Liquid gas mixer, LG 12 - 22

Used for product: CPCE 12

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