

ENGINEERING  
TOMORROW

*Danfoss*

Danfoss SFA 10 safety valve and DSV 10 change over valve

# The safe choice for Food Retail and Industrial Refrigeration applications

Danfoss is widening its range of highly reliable safety valves designed to industrial standards, relevant for CO<sub>2</sub>, low charge ammonia and H(C)FC systems.



# Introducing a wider range of highly reliable safety valves

## SFA 10 & SFA 10H safety valve:

- ✓ Easy installation
- ✓ Perfect reseating
- ✓ Unchanged setpoint
- ✓ Trouble-free service



	SFA 10	SFA 10H
<b>Refrigerants</b>	R744, R717, HFC's	R744
<b>Pressure rating</b>	10-27 bar	28-65 bar
<b>Temperature range</b>	-50°C ... +100°C	
<b>Thread</b>	NPT or G1/2" inlet thread NPT or G3/4" outlet thread	
<b>Effective discharge area</b>	30,9 mm <sup>2</sup>	

## DSV 10 change over valve:

- ✓ Position indicator – less risk of errors during service
- ✓ Easy installation – reducer for perfect positioning
- ✓ Blind plug available – for system pressure testing



<b>Refrigerants</b>	R717, R744, HFC, HCFC
<b>Pressure rating</b>	65 bar
<b>Temperature range</b>	-50°C ... +100°C
<b>Connections</b>	NPT or G3/4" inlet thread
<b>Kv / Cv value</b>	Kv 5,5 m <sup>3</sup> /hr Cv 6,4 Usgal/min

## G-thread Sales Codes

Code number	Description
148F42(10-65)	SFA 10(H) T 2(10-65)
148F43(10-65)	SFA 10(H) T 3(10-65) with TÜV certificate
148F3054	DSV 10 G Change over valve

## NPT thread Sales Codes

Code number	Description
148F52(xx)*	SFA 10(H) NPT 2(XX)* Selected set pressure
148F3055	DSV 10 NPT Change over valve
148F63(xx)*	SFA 10(H)/DSV 10 NPT 2(xx)* Bundled version Selected set pressure

(xx)\* Available set pressures: 13,16,17,18,20,21,22,24,25,28,32,35,38,40,50,52,60,65 bar

## Spare Parts

Code number	Description
<b>G-thread</b>	
148F3068	SFA 10(H)/DSV 10 Inspection kit (G-thread only)
<b>Any thread type</b>	
148F3069	SFA 10 Repair kit 10 – 27 bar
148F3070	SFA 10H Repair Kit 28 – 65 bar

## Accessories

Code number	Description
<b>G-thread</b>	
148F3063	DSV 10 Cap and alu gasket for testing (2 pcs)
148F3064	DSV/SFA/SFV Non-stick grease (10 pcs)
148F3067	Nipples + Gaskets set for DSV 10/SFA 10(H)
148F3075	SFA 10(H) G Inlet weld connector DN15
<b>NPT thread</b>	
148F3072	DSV 10 T Plug 1/2" NPT (2 pcs)
148F3076	SFA 10(H) NPT Inlet weld connector DN15 (for installation on system)

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