ENGINEERING



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_2 , 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

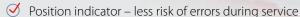
Unchanged setpoint

✓ Trouble-free service



DSV 10

change over valve:



⋖ Easy installation − reducer for perfect positioning

⊘ Blind plug available – for system pressure testing

	SFA 10	SFA 10H
Refrigerants	R744, R717, HFC's	R744
Pressure rating	10-27 bar	28-65 bar
Temperature range	-50°C +100°C	
Thread	NPT or G1/2" inlet thread NPT or G3/4" outlet thread	
Effective discharge area	30,9	mm²

Refrigerants	R717, R744, HFC, HCFC
Pressure rating	65 bar
Temperature range	-50°C +100°C
Connections	NPT or G3/4" inlet thread
Kv / Cv value	Kv 5,5 m³/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	
G-thread		
148F3068	SFA 10(H)/DSV 10 Inspection kit (G-thread only)	
Any thread type		
148F3069	SFA 10 Repair kit 10 – 27 bar	
148F3070	SFA 10H Repair Kit 28 – 65 bar	

Accessories

Code number	Description
G-thread	
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
NPT thread	
148F3072	DSV 10 T Plug 1/2" NPT (2 pcs)
148F3076	SFA 10(H) NPT Inlet weld connector DN15 (for installation on system)

Danfoss can accept no responsibility for possible errors in catalogues, 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 subsequential 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.