

## DAS Filter Driers

Danfoss Type	Connection in.	Max. working pressure (psig)	Rated capacity (tons) <sup>2</sup>			Acid capacity (oz.)	Danfoss Code No.
			R-134a	R-404A	R-22 R-410A		
DAS 164SVV	½ solder	500	1.7	2.4	6.3	0.3	<b>023Z1009</b>
DAS 165SVV	5/8 solder		2.7	3.7	4.3	0.3	<b>023Z1010</b>
DAS 166SVV	¾ solder		3.4	4.9	5.7	0.3	<b>023Z1011</b>
DAS 167SVV	7/8 solder		3.9	5.4	6.3	0.3	<b>023Z1012</b>
DAS 306SVV	¾ solder		4	5.4	6.3	0.64	<b>023Z1014</b>
DAS 307SVV	7/8 solder		4.6	6.3	7.4	0.64	<b>023Z1015</b>
DAS 309SVV	11/8 solder		5.7	7.7	8.9	0.64	<b>023Z1016</b>
DAS 419SVV	11/8 solder		6.3	8.6	10	0.86	<b>023Z1018</b>

<sup>2</sup> For rated capacities for R-290, R-448A, R-449A, R-452A, and other HFO, HC, HFC, and HCFC refrigerants not listed, see Coolselector®2 or contact Danfoss.

## DMT Filter Driers for CO<sub>2</sub>

Danfoss Type	Connection in.	Max. working pressure (psig)	Drying capacity						Liquid capacity Tons	Danfoss Code No.
			20 °F			75 °F				
			Water (g)	Ref. (Kg)	Water (drops)	Water (g)	Ref. (Kg)	Water (drops)		
DMT 083s	3/8 solder	2030	7.2	7.2	143	5.7	5.8	114	3	<b>023Z8416</b>

## DCR Cores and Gaskets

Danfoss Type	Material	Danfoss Code No.
48-DM	100% molecular sieve	<b>023U1392</b>
48-F	strainer	<b>023U1921</b>
48-DC	80% molecular sieve/20% activated alumina	<b>023U4381</b>
48-DA	solid core	<b>023U5381</b>
DCR gasket kit	various	<b>023U0058</b>

## DCR Drier Housing

Danfoss Type	Connection (in.)	Connection Type	Weight	Max. Pressure (psig)	Temperature Range (°F)	Danfoss Code No.
DCR 0489	1	butt weld/solder, ODF	10 lbs. 6 oz.	667	-40 to +160	<b>023U7453</b>
DCR 0969	1	butt weld/solder, ODF	13 lbs. 12 oz.			<b>023U7459</b>
DCR 09617	2 1/8	butt weld/solder, ODF	14 lbs. 9 oz.			<b>023U7464</b>

## NRV—Check Valves



NRV check valves can be used in liquid, suction, and hot gas lines in refrigeration and air conditioning applications, ensuring that refrigerant flows in the correct direction. A built-in dampening piston makes the valve suitable for lines where pulsation can occur, such as in the discharge line from the compressor. The NRV 10s H is specifically designed with a high MWP for CO<sub>2</sub> applications.

Danfoss Type	Design/conn. type	Conn. size (in.)	Pressure drop across valve (psi) <sup>2</sup>	Cv value (gal/min) <sup>3</sup>	MWP (psi)	Danfoss Code No.	Danfoss Type	Design/conn. type	Conn. size (in.)	Cv value (gal/min)	MWP (psi)	Danfoss Code No.
NRV 6s	straight-way/ solder ODF	¼	1.01	0.65	667	<b>020-1010</b>	NRV 10s H	straight-way/ solder ODF	3/8	1.04	1305	<b>020-4000</b>
NRV 10s		3/8	1.01	1.39		<b>020-1011</b>						
NRV 10s <sup>1</sup>		½	1.01	1.39		<b>020-1058</b>						
NRV 12s		½	0.72	2.37		<b>020-1012</b>						
NRV 16s		5/8	0.72	4.16		<b>020-1018</b>						
NRV 19s		¾	0.72	6.36		<b>020-1019</b>						
NRV 19s <sup>1</sup>		7/8	0.72	6.36		<b>020-1054</b>						

<sup>1</sup> Oversize connections

<sup>2</sup> Δp = the minimum pressure at which the valve is completely open

<sup>3</sup> The Cv value is the flow of water in (gal/min) at a pressure drop across valve of 14.5 psig. ρ = 2205 lbs./G