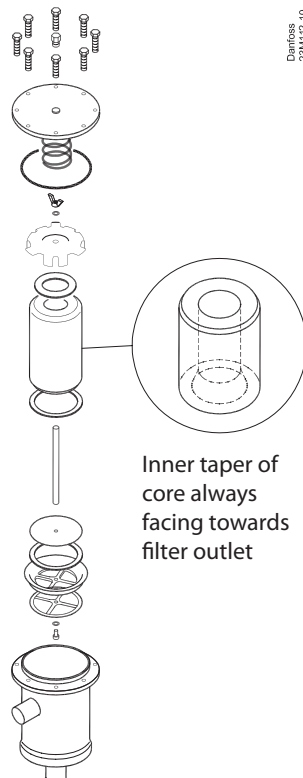
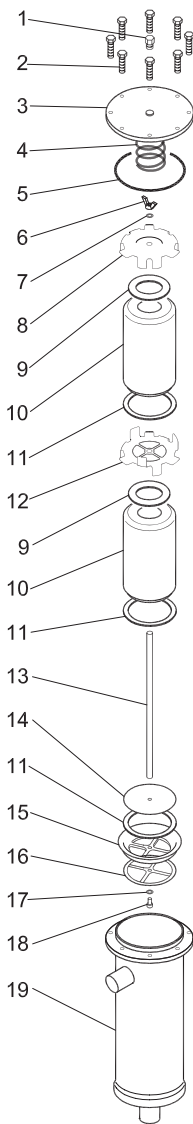


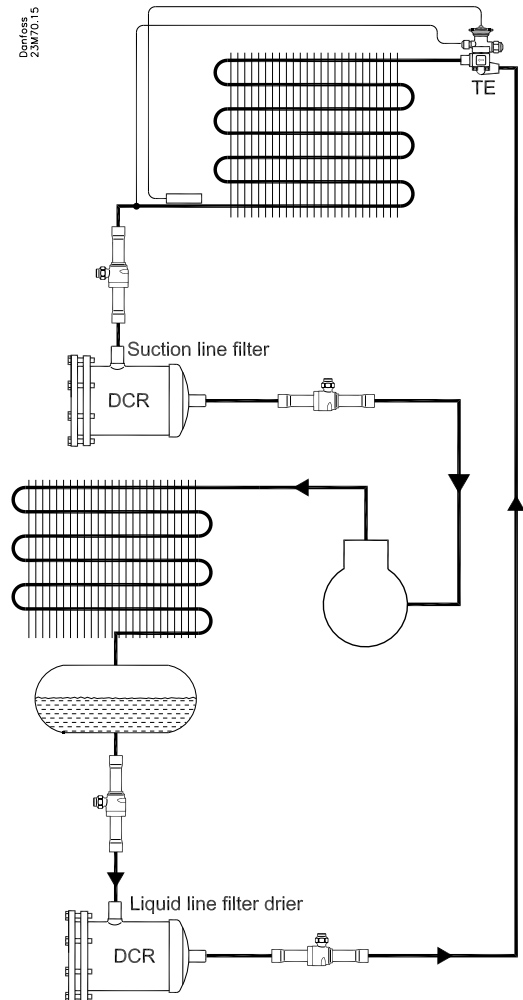
DCR

DCR

Pos.	Description
1	Plug 1/4 in. NPT
2	Top cover bolts M8 x 35
3	Top cover
4	Spring
5	Top cover gasket Ø121.8 x Ø113.6 x 0.8mm
6	Wing nut M10 (torque max. 3 Nm)
7	Lock washer
8	Top plate
9	Felt gasket Ø95.5 x Ø45.5 x 2 mm
10	Solid core
11	Felt gasket Ø95.5 x Ø78 x 2 mm
12	Core plate
13	Distance rod
14	Wire Mesh
15	Core holder
16	Cross Gasket
17	Washer
18	Hex Socket Head Screw M6
19	Filter drier shell



Installation



For safety reasons see next table and select the normative and desirable application

Type	L minimum		MWP / UL		PS / CE	
	mm	in	Bar	PSIG	Bar	PSIG
DCR 048 Normal Pressure	170	7	35 bar (500 psig)*		46 bar (667 psig)*	
DCR 096 Normal Pressure	310	13	35 bar (500 psig)*		46 bar (667 psig)*	
DCR 144 Normal Pressure	310	13	35 bar (500 psig)*		35 bar (500 psig)* 1	
					46 bar (667 psig)* 2	
DCR 192 Normal Pressure	310	13	28 bar (400 psig)*		28 bar (400 psig)* 1	
					40 bar (580 psig)* 2	

Important note references:

- *1 For usage with strainer or as a receiver application
- *2 For "drier" application using all the permissible cores
- * for either 1* or 2*

Note:

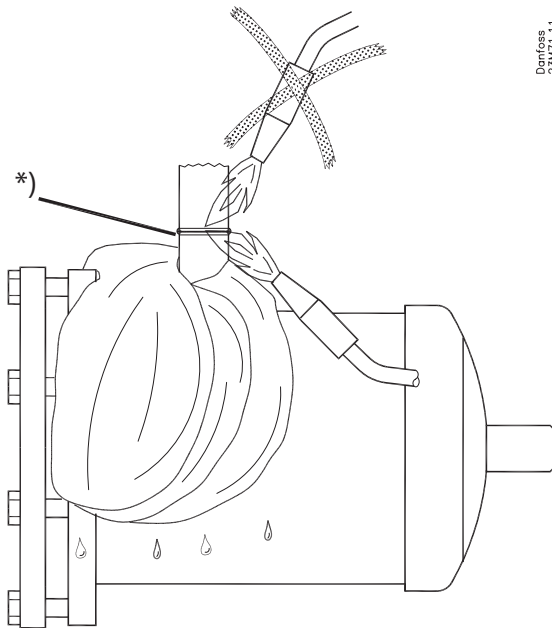
MWP shall not be less than the pressure outlined in sect 9.2 of ANSI/ASHRAE 15 for the refrigerant used in the system. After charging, the system shall be marked with the refrigerant and oil used.



Temperature range:

-40°C → 70°C (-40°F → 160°F)

Soldering

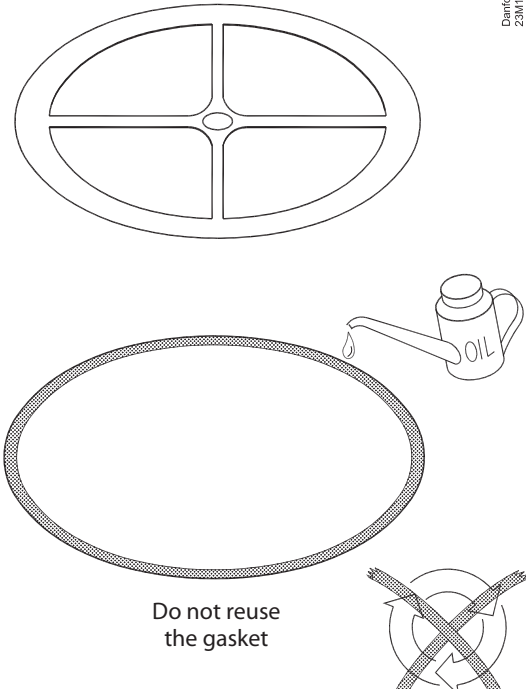


Danfoss
23M/71.11

*)

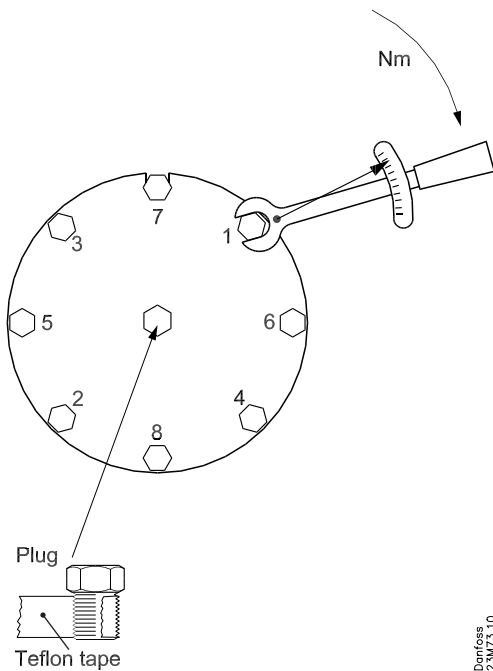
Connector type	Soldering material
Cu	Sil-fos 15
Fe	Silver-flo 55 + Easy-flow flux

Gasket



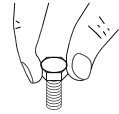
Danfoss
23M/10.10

How to tighten the bolts



Danfoss
23M/3.10

Screw type:

M8 + M12	Step 1	 Fingertighten all bolts
	Step 2	3 Nm
	Step 3	10 Nm
	Step 4	20 Nm
	Step 5*	35 Nm
M12	Step 6*	42 Nm

* Repeat until complete tightness has been reached.