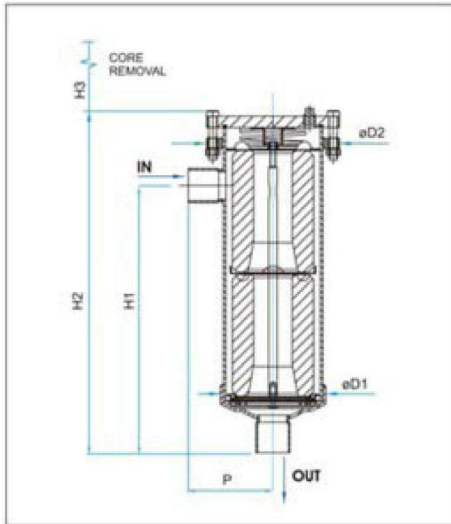


Replaceable Solid Core Type Filter Drier Shells



INTRODUCTION

'SANLAN' replaceable solid core type filter drier shells are specially designed for liquid line application for working media of fluorinated refrigerants. Core blocks must be ordered separately from the filter drier shell. Standard 48 cu. in. size blocks of international brands like Sporlan, Danfoss, Alco or Castel can be used. They are supplied in individual packages, which are hermetically sealed in suitable wrappings and in specially bag for safe storage over long periods of time.

TECHNICAL INFORMATION

'SANLAN' Filter Drier Shells are manufactured in steel. The side connections are made of copper in order to facilitate soldering to piping.

The hollow cylinder shape offers a large surface area to the inflowing fluid, which crosses the block radially. As a result, dehydration is highly efficient with a minimum loss of charge.

In the case of filters with more than one block, the passage of the fluid takes place in parallel; as a result the pressure drop does not increase proportionately to the number of blocks. A large ring between the block and the inner surface of the filter permits the accumulation of solid particles, and prevents clogging.

Before leaving the filter, the refrigerant fluid must pass through the mesh sieve on which blocks are mounted. The danger of small particles of dehydrating material being introduced into the system is thus avoided.

SPECIFICATIONS

Safe Working Pressure SWP: - 35 bar/500 psig.

Kindly refer the following table to select the proper filter drier shell as per the requirement.

Type	Code No.	Blocks No.	Desiccant Volume Cu. in.	Connections Weld mm	Connections Solder ODF in.	Dia.D1 mm	Dia.D2 mm	H1 mm	H2 mm	H3 mm	P mm	Weight kg.		
Single Core	48-1-20-W	1	48	20 NB	7/8"	121	152	163	257	185	102	4.1		
	48-1-25-W			25 NB	1 1/8"			302	400				101	5.5
Two Core	48-2-25-W	2	96	25 NB	1 1/8"			121	152	445	543	325	100	6.7
	48-2-32-W			32 NB	1 3/8"					582	685			
Three Core	48-3-32-W	3	144	32 NB	1 3/8"	121	152			582	685	325	100	6.7
	48-3-40-W			40 NB	1 5/8"					97	8			
Four Core	48-4-40-W	4	192	40 NB	1 5/8"			121	152	582	685	325	100	6.7
	48-4-50-W			50 NB	2 1/8"					97	8			

***Note:**

- Standard connections are dual type steel connections.
- Weldable connections other than specified in the table or solder type copper connections can be supplied on request.



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