

Introduction

Heldon Burnout filter driers offer a high level of contaminant removal from refrigeration and air-conditioning systems following a compressor motor burnout. Designed to remove the moisture, acids and solid particles that can lead to the premature failure of the replacement compressor.

Due to their solid core design, Heldon burnout filter driers maintain a minimal pressure drop with total core utilization resulting in quicker uptake of inorganic acids and other contaminants. The solid core is formed through a binding process that maximizes surface area and protects the core from acid decomposition.

Available in standard and short lay in length they feature inlet and outlet access Schrader ports for the monitoring of pressure drop. On small suction pressure drop critical systems one model is supplied with a replacement jumper tube.

It is good practice to remove all suction burnout driers after an acid test to prevent loss of system performance and the risk of catalytic hydrolysis in POE oil systems.

Features

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- Solid core construction with optimized binding agents.
 - 60% Molecular Sieve, 35% Activated Alumina and 5% Activated Carbon.
- Pre and post core filters, double the filtration and less chance of a total core blockage.
- Inlet and Outlet access ports.
- Short lay in length and multi-orientation design.
- Solid copper sweat and zinc plated flare connections.
- Powder coated shell rated to 3200Kpa /500psi (R410a Suction line compatible).

Manufacturing Standards

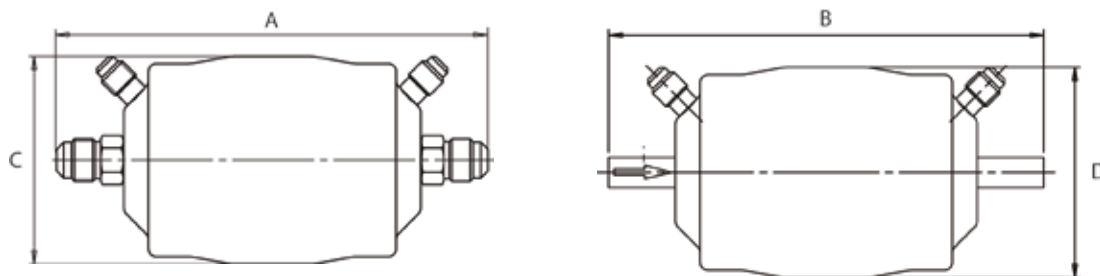
- Manufactured in accordance with AS 2971
- Safe Working Pressure: 3,200 kPa



Benefits

- Larger and faster moisture and contaminant uptake per cubic inch.
- Double the filtration and less chance of a total core blockage.
- The ability to monitor pressure drop across the drier.
- Easy of installation in tight positions.
- Easier to use and longer life.
- Suitable for harsh environments and most suction line applications.

Dimensions and Capacities



Burnout Filter Drier

Con	Flare Part No.	Length (A)	Dia (C)	Weight kg	Carton qty	Solder Part No.	Length (B)	Dia (D)	Capacity kW			Weight kg	Carton qty
									R22/407C	R134A	R404A		
1/4						3022-033S	110	46	4	3	3	.335	48
1/4	3021-082	146	64	.570	24	3022-082S	146	64	6	3.5	4	.570	24
3/8	3021-083	146	64	.600	24	3022-083S	146	64	6	3.5	4.5	.600	24
1/2	3021-084	153	64	.640	24	3022-084S	148	64	10	5.5	8	.640	24
1/4	3021-162	160	78	.800	18	3022-162S	160	78	10.5	5	7.5	.800	18
3/8	3021-163	170	78	.860	18	3022-163S	160	78	13	5.5	8	.860	18
1/2	3021-164	177	78	.880	18	3022-164S	162	78	15	6	8.5	.880	18
5/8	3021-165	186	78	.960	18	3022-165S	160	78	20	9.5	13	.960	18
1/2	3021-304	250	78	1.400	12	3022-304S	235	78	17	10	15	1.400	12
5/8	3021-305	259	78	1.460	12	3022-305S	246	78	18	12.5	15	1.460	12
3/4	3021-306	238	78	1.440	12	3022-306S	239	78	22	14	19	1.440	12
7/8						3022-307S	245	78	26	16	22	1.500	12
1 1/8						3022-309S	245	78	31	20	27	1.550	12
1 3/8						3022-311S	255	78	31	20	27	1.550	12
1/2	3021-414	257	90	1.940	8	3022-414S	242	90	25	14.5	23	1.940	8
1/2	3021-415	266	90	1.960	8	3022-415S	240	90	26.5	16	24.5	1.960	8
3/4	3021-416	272	90	2.000	8	3022-416S	246	90	29.5	17.5	25	2.000	8
7/8						3022-417S	250	90	30	18	25	2.200	8

Burnout Filter Drier with Jumper Tube

3/8	3026-06	171	46						7	4.5	5	.565	
1/2	3026-08	178	46						7	4.5	5	.645	
5/8	3026-10	191	46						7	4.5	5	.750	

Pancake Burnout Filter Drier

1/2						3025-404s	110	87	17	14	15	1.000	12
5/8						3025-405s	110	87	23	17.5	19.5	1.000	12
3/4						3025-406s	110	87	23	17.5	19.5	1.000	12
7/8						3025-407s	110	87	25	19	21	1.000	12
1 1/8						3025-409s	120	87	27	21	23	1.000	12

