

## Introduction

Heldon's range of drier cores are manufactured from 3A Molecular Sieves, Activated Alumina, and Activated Carbon are added to optimise the core for its intended position in the system and maximum performance.

### Ultra-dry: 100% Molecular Sieve

Used for maximum moisture removal, offering the best performance and value, suitable for all traditional and modern refrigerants with mineral and POE oils.

### Standard: 80% Molecular Sieve & 20% Activated Alumina

A blend of Molecular Sieve and Activated Alumina for high performance, moisture and contaminant removal

### Burn-out: 45% Activated Carbon, 45% Molecular Sieves & 10% Activated Alumina

For clean up after burn-outs, and badly contaminated systems with acids, wax and moisture.

### Suction Core

#### Felt Filter Element

Rated to 10 Microns  
P = 10; ISO 4548-12



Cores to Suit					Carton Qty
Part No.	Description	Suitability	Interchangeable with	Weight	
3050-1	<b>ULTRA-DRY CORE</b> Super high moisture	<b>Ideal for POE Oil</b>	Z-48, 48DU, VS-48XH, RCW-48 & UK-48		12
3049-1	<b>STANDARD CORE</b> General clean-up	<b>Not recommended for POE Oil</b>	PCK-48, 48 DN, VS48H, RC-4864 & D48 80%/ 20% MS/AL		12
3051-1	<b>BURN-OUT CORE</b> Complete clean-up		PCK-48HH, 48DA, RC-4864-HH, W-48 & VS-48SC		12
3050-100	<b>HI CAPACITY CORE</b> Suit 150mm Shells	<b>Ideal for POE Oil</b>	H-100, VS-100H, PCK-100		12
3050-32	<b>SUCTION CORE</b> Low pressure drop, high flow rate	<b>Ideal for POE Oil</b>	RPE48BD		12
3052-2	<b>FILTER ELEMENT</b> Low pressure drop		RPE48BD, F48R, VS48F, PFE-48BF, 48-F		12

Capacity (drops of water)		R22 (60 PPM)		R134a (50 PPM)		R404A (50 PPM)		R410A (50 PPM)	
Core No.	Volume (cc)	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C
3050-1	786	2164	1967	2337	2125	2418	2198	1788	1656
3049-1	786	1731	1574	1870	1700	1934	1758	1431	1325
3051-1	786	1298	1180	1402	1275	1452	1319	1073	994
3050-100	1638	2701	2455	2917	2652	3018	2743	2232	2067