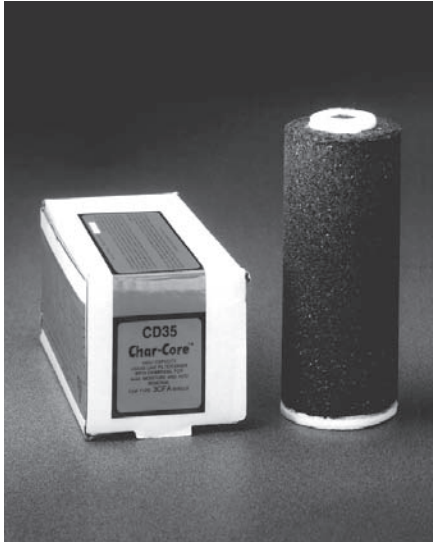


Superior Catalog

Liquid Line Cores

CD35, CD45, and CD55 Char-Core® Liquid Line Cores



Features and Benefits of Char-Core® Liquid Line Cores

- Wax build-up is prevented due to a high percentage of activated charcoal desiccant providing optimum wax adsorption.
- This special formulated blend gives Char-Core® liquid line cores the ability to remove not only wax, but virtually all other contaminants found in air conditioning and refrigeration systems.
- Maximum core permeability due to uniformity of desiccant size and shape.
- System pressure drop is minimized (along with the possibility of flash gas), because of the large, open mesh, single core bonded construction, and large surface area.
- “Hot packaging” prepares cores for field installation. Each core is individually packaged, as it comes from a vacuum oven, in a special heat-sealed foil bag to maintain total dryness.
- High mechanical crush strength of the new Char-Core® exceeds industry minimum standards and precludes powdering.
- Added compressor protection with a built-in double mesh stainless screen on the outlet side of the core.
- Integral felt gaskets at each end of the Char-Core® cushions against shock and eliminates need for extra gaskets in the package.
- High Capacity, Replaceable for the Removal of Wax, Moisture and Acids from Refrigeration and Air Conditioning Systems

Ratings for CD35 Liquid Line Char-Core® 65 sq. in. Filter Surface / 35 cu. in. Desiccant

Catalog Number	ODS (Inches)	R12				R22				R502				Tonnage Recommendations					
		Tons Flow 1#ΔP	Water Capacity		Tons Flow 1#ΔP	Water Capacity		Tons Flow 1#ΔP	Water Capacity		Comm. and Low Temperature			Air Conditioning					
			75°F	125°F		75°F	125°F		75°F	125°F	R12	R22	R502	R12	R22	R502			
3CFA-8S	1/2	8.0			10.5			7.1			5	7 1/2	5	7 1/2	8	6			
3CFA-10S	5/8	12.2	969	841	16.0	884	862	10.7	841	705	7 1/2	10	7 1/2	10	12	10			
3CFA-14S	7/8	13.0			17.0			11.4			10	12	10	12	15	11			
3CFA-18S	1 1/8	20.4			26.8			18.0			15	18	12	18	20	15			
3CFA-22S	1 3/8	23.9			31.4			21.1			18	20	15	20	25	20			

Ratings for CD45 Liquid Line Char-Core® 93 sq. in. Filter Surface / 63 cu. in. Desiccant

Catalog Number	ODS (Inches)	R12				R22				R502				Tonnage Recommendations					
		Tons Flow 1#ΔP	Water Capacity		Tons Flow 1#ΔP	Water Capacity		Tons Flow 1#ΔP	Water Capacity		Comm. and Low Temperature			Air Conditioning					
			75°F	125°F		75°F	125°F		75°F	125°F	R12	R22	R502	R12	R22	R502			
4CFA-14S	7/8	20.4	1724	1496	26.9	1572	1534	18.0	1496	1255	17	22	15	20	25	17			
4CFA-18S	1 1/8	29.4			38.6			25.9			25	30	20	25	30	25			
4CFA-22S	1 3/8	35.9			47.2			31.7			30	35	25	35	40	30			
4CFA-26S	1 5/8	48.3			63.5			42.6			35	40	30	38	50	35			
4CFA-34S	2 1/8	64.5			84.8			57.0			50	60	45	55	70	50			

Ratings for CD55 Liquid Line Char-Core® 123 sq. in. Filter Surface / 91 cu. in. Desiccant

Catalog Number	ODS (Inches)	R12				R22				R502				Tonnage Recommendations					
		Tons Flow 1#ΔP	Water Capacity		Tons Flow 1#ΔP	Water Capacity		Tons Flow 1#ΔP	Water Capacity		Comm. and Low Temperature			Air Conditioning					
			75°F	125°F		75°F	125°F		75°F	125°F	R12	R22	R502	R12	R22	R502			
5CFA-18S*	1 1/8	46.9	2472	2145	61.7	2254	2200	41.4	2145	1800	35	45	30	40	50	35			
5CFA-22S*	1 3/8	70.9			93.3			62.7			50	70	45	60	80	50			
5CFA-26S*	1 5/8	80.1			105.3			70.7			55	75	50	65	85	55			
5CFA-34S	2 1/8	91.4			120.2			80.7			65	85	55	70	100	60			
5CFA-42S	2 5/8	92.3			120.9			81.3			—	—	—	—	—	—			

*Not Available Yet