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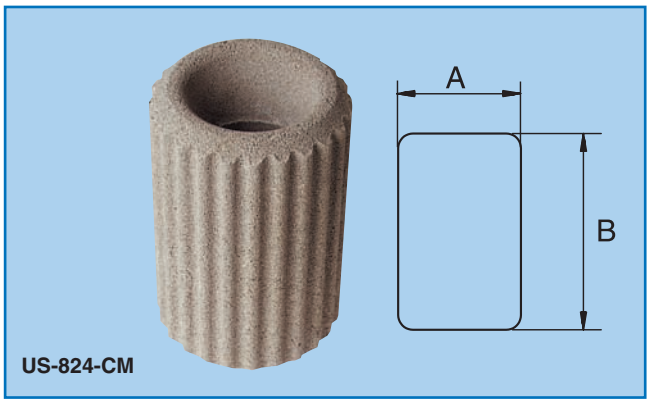
INTERCHANGEABLE AND REPLACEABLE ACTIVATED CORES

"THE TRUE AND ORIGINAL RANGE"



SPECIFICATIONS

- These cores are carefully molded using selected desiccants for ***HIGH MOISTURE*** absorption and ***ACIDS*** and ***WAX*** removal.
- Bonded for very high mechanical strength and ***MICRONIC FILTRATION*** capability.
- Fully activated in high temperature oven and hermetically sealed in leak proof container including an universal ***KIT*** of ***REPLACEMENT GASKETS*** for our shells as well as other existing shells.
- Our ***CORRUGATED*** type cores offer **+55%** of surface filtration and are slow glogged than other existing types.
- These replaceable cores are ***INTERCHANGEABLE*** with all types existing in the market.

REFRIGERANTS

- **R12, R22, R502, R134a, R404A, R407C, R507** and **other blends** and their specific lubricants.
- **R717** (NH_3 ammonia) with US-824-CM, 848-CM and 810-CM.

DIMENSIONAL DATA OF CORES		
MODEL	**DIMENSIONS (mm)** **A**	**B**
All **"US-824-CM"**	61	146
All **"US-848-C", "CC", "CF"** and **"F"**	93	131
All **"US-810-CM", "CF"** and **"F"**	122	156

1. THREE TYPES: *"24", "48"* and *"100"* cubic inch

24 CUBIC INCH CORES:
US-824-CM ***(standard)*** All are for our **3"** diameter shells (all US-24 shells). All are for other **3"** diameter standard existing shells
48 CUBIC INCH CORES:
US-848-C, US-848-CC, **US-848-CF** and **US-848-F** ***(standard)*** All are for our **4 3/4"** diameter shells (all US-48, US-96, US-144 and US-192 shells). All are for other **4 3/4"**diameter standard existing shells.
100 CUBIC INCH CORES:
US-810-CM, **US-810-CF** and **US-810-F** ***(standard)*** All are for our **6"** diameter shells (all US-300 and 400 shells) All are for other **6"** diameter standard existing shells.

2. FIVE MODELS: *"C","CM","CC","CF","F"*

STANDARD	HIGH CAPACITY	CHARCOAL	NYLON	MICRONIC FELT
				
US-848-C Standard core for micronic filtration of 10 micron at pressure Differential of 0,14 bar (2 psi).	**US-824-CM** **US-810-CM** Same as standard US-848-C cores however with a high water retension.	**US-848-CC** Same as high water retension "CM" however with additional activated charcoal to remove wax.	**US-848-CF** **US-810-CF** Micronic filtration equal or less than 5 micron at pressure differential of 0,035 bar.	**US-848-F** **US-810-F** Reduced pressure drop for permanent suction micronic filtration No water absorption No acids removal.

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3. SPECIFIC PURPOSE AND ORDERING

"824" and ***"848" models*** are packed ***12*** in a carton.

"810" model is packed ***4*** in a carton.

US-848-CC:	**Standard high activated charcoal core** combines all above "CM" specifications with a *HIGH ACTIVATED CHARCOAL blend for HIGHWAX and VARNISH removal. Ideal for use (liquid and / or suction lines) after a motor burnout.*
US-848-CF: **US-810-CF**	**Standard micronic filtration nylon core** Used in the suction line with Micronic Suction Filter Shells, see page 238, with the *LOWEST* possible *PRESSURE DROP* (down to **0,035 bar** according data's and where drying and acid removal are not required anymore). Nylon core filters down to **5µ** and should always be used after the system has been cleaned using drier cores shown above.
US-848-F: **US-810-F**	**Standard micronic filtration felt core**. Used permanently in the suction line with the *LOWEST* possible *PRESSURE DROP* (down to **0,035 bar** according data's and where drying and acid removal are not required anymore). Felt core filters down to **10µ** and should always be used after the system has been cleaned using drier cores shown above.

US-848-C:	**Standard original core** used for general clean up in all *LIQUID* or *SUCTION* line applications. CORRUGATED surface and high mechanical strength for MICRONIC FILTRATION (**10µ** minimum) under LOW PRESSURE DROP (**0,14 bar** maximum). Ideal for best expansion device protection. Remove *SLUDGE*, *VARNISHES, MOISTURE* and *ACIDS*.
US-824-CM: **US-810-CM**	**Standard high capacity core** similar to and used as the above **"C"** model but with a *HIGH DRYING CAPACITY*. Ideal for perfect clean up at starting or where high moisture is suspected (system being exposed to the atmosphere, ruptured condensor, low side exchanger and other tubing.

4. MOISTURE DATA & SELECTION TABLE

PART NUMBER	DESCRIPTION	Water capacity in grams of water										Acid absorption capacity in g
		R134a		R22		R404A		R410A		R407C		
		24°C (75°F)	52°C (125°F)	24°C (75°F)	52°C 125°F)	24°C (75°F)	52°C (125°F)	24°C (75°F)	52°C (125°F)	24°C (75°F)	52°C (125°F)	
US-824-CM	HIGH CAPACITY	15,55	10,9	15,55	10,9	-	-	-	-	-	-	-
US-848-C	STANDARD	7,53	7,53	7,53	7,53	7,53	7,53	7,53	7,53	7,53	7,53	17,43
US-848-CC	ACT. CHARCOAL	9,96	9,77	9,77	9,57	10,06	9,96	8,77	8,28	9,27	8,77	20,58
US-848-CF	NYLON	*MICRONIC FILTRATION ONLY*										
US-848-F	SUCTION FELT											
US-810-CM	HIGH CAPACITY	27,95	27,26	27,26	26,58	28,29	27,95	23,84	22,13	25,55	23,84	17,43
US-810-CF	NYLON	*MICRONIC FILTRATION ONLY*										
US-810-F	SUCTION FELT											

REMARKS:

- Water capacities are based on EPD (Equilibrium Point Dryness) of : 50 ppm R134a, R404A, R410A & R407C and 60 ppm R22.
- 1 cc = 1 gram = 20 drops of water.