

TABLE 1: General characteristics, dimensions and weights of solid cores

Catalogue Number	Batch characteristic	Filtering Surface [cm ²]	Nominal Volume		Dimensions [mm]			Weight [g]
			[cu.in]	[cm ³]	Ø D1	Ø D2	H	
GCFD3020B (1)	High moisture adsorption (100% molecular sieve)	420	48	800	47	96	140	730
GCFD3025B (1)	Moisture and acid adsorption (80% molecular sieve + 20% activated alumina)							

(1): Supplied with cover gaskets as spare part, either for Freddox filters or for competitors ones

TABLE 2: Water capacity and dehydratable charge of one solid core

Catalogue Number	Nominal Volume		Water Capacity at + 24 °C (1) [g H ₂ O]				Dehydratable Charge at + 24 °C [kg refrigerant]			
	[cu.in]	[cm ³]	R134a	R404A R507	R407C	R410A	R134a	R404A R507	R407C	R410A
GCFD3020B	48	800	82	84	67	73	88	90	72	79
GCFD3025B			70	71	57	62	75	77	61	67

Catalogue Number	Nominal Volume		Water Capacity at + 52 °C (1) [g H ₂ O]				Dehydratable Charge at + 52 °C [kg refrigerant]			
	[cu.in]	[cm ³]	R134a	R404A R507	R407C	R410A	R134a	R404A R507	R407C	R410A
GCFD3020B	48	800	71	78	54	59	76	84	58	63
GCFD3025B			60	66	46	50	65	71	50	54

(1) : Water capacity values are referred to the following conditions, fixed in ARI STANDARD 710-2009 and DIN 8949:2000:

- Liquid temperatures: 24 °C and 52 °C
- Equilibrium point dryness, EPD: 60 ppm for R22
- Equilibrium point dryness, EPD: 50 ppm for R134a , R404A , R407C , R410A e R507

