FILTRI DISIDRATATORI
serie SC..MM/MF

FILTER DRIERS
SC..MM/MF series

Type	Nominal core volume [cm^3]	SAE Flare	ORFS	TS [°C]	PS [bar]	Dimensions [mm]				Refrigerant flow capacity Pressure drop 0,07 bar [1] [kW]								Water capacity at +24 °C [2] [g H_2O]			Dehydratable charge at +24 °C [kg refrigerant]			Water capacity at +52 °C [2] [g H_2O]			Dehydratable charge at +52 °C [kg refrigerant]			Category 2014/68/EU PED	Weight [g]	Pieces per box
						ØD1	ØD2	L	CH	R22 R410A R407C	R134a	R404A R507	R1234ze	R448A	R449A	R450A	R452A	R22 R410A R407C	R134a	R404A R507	R22 R410A R407C	R134a	R404A R507	R22 R410A R407C	R134a	R404A R507	R22 R410A R407C	R134a	R404A R507			
SC032MM	50	1/4"	-	-40 ÷ +80	45	58,5	54	103	16	10,0	8,5	7,0	8,6	8,1	7,9	7,7	7,1	6	6,2	6	5	6	6	5	5,3	5	4,5	5,5	5	Art. 4.3	285	32
SC032MF		1/4"	-					93	16/16	10,0	8,5	7,0	8,6	8,1	7,9	7,7	7,1														283	32
SC033MM		3/8"	-					111	16	19,5	17,5	13,5	16,7	16,6	16,4	14,8	13,6														299	32
SC052MM	80	1/4"	-					116	16	11,0	9,0	7,5	9,3	8,5	8,4	8,2	7,6	9	10	9	9	9,5	9	8	8	7,5	8	8	7		343	32
SC053MM		3/8"	-					124	16	23,0	21,0	16,0	19,7	19,9	19,7	17,6	16,2														357	32
SC082MM	130	1/4"	-					141	16	12,0	10,5	9,0	11,1	9,9	9,8	9,9	9,1	15	15	14,5	15,5	15,5	15	14	14	13,5	14	14	13		415	26
SC083MM		3/8"	-					149	16	27,0	25,0	17,0	21,0	23,7	23,5	18,7	17,2														429	26
SC083MF		3/8"	-					137	20/16	27,0	25,0	17,0	21,0	23,7	23,5	18,7	17,2														425	26
SC084MM		1/2"	-					157	19	36,0	33,0	23,0	28,4	31,3	31,0	25,3	23,2														461	26
SC162MM	250	1/4"	-			78	74	154	16	14,0	11,0	9,5	11,7	10,4	10,3	10,4	9,6	34	40	33	37	42	35	31,5	33,5	30	31	32	28		776	12
SC163MM		3/8"	-					162	16	31,0	29,0	20,0	24,7	27,5	27,2	22,0	20,2														790	12
SC163ORFS		-	6					152	19	31,0	29,0	20,0	24,7	27,5	27,2	22,0	20,2														810	12
SC164MM		1/2"	-					170	19	41,0	39,0	31,0	38,3	36,9	36,6	34,1	31,3														822	12
SC164ORFS		-	8					155	21	41,0	39,0	31,0	38,3	36,9	36,6	34,1	31,3														822	12
SC165MM		5/8"	-					179	23	54,0	50,0	35,0	43,2	47,4	46,9	38,4	35,3														882	12
SC303MM	500	3/8"	-					247	16	49,0	47,0	39,0	48,1	44,5	44,1	42,8	39,4	60	65	58	63	63	58	52	56	48	53	60	50		1420	6
SC303ORFS		-	6					237	19	49,0	47,0	39,0	48,1	44,5	44,1	42,8	39,4														1420	6
SC304MM		1/2"	-					247	19	50,0	48,0	40,0	49,4	45,5	45,0	43,9	40,4														1440	6
SC304ORFS		-	8					240	21	50,0	48,0	40,0	49,4	45,5	45,0	43,9	40,4														1440	6
SC305MM		5/8"	-					257	23	57,0	55,0	42,0	51,8	52,1	51,6	46,1	42,4														1460	6
SC324MM		1/2"	-			94,5	89	203	19	50,0	48,0	40,0	49,4	45,5	45,0	43,9	40,4														1650	6
SC325MM		5/8"	-					212	23	57,0	55,0	42,0	51,8	52,1	51,6	46,1	42,4														1710	6
SC414MM	670	1/2"	-					234	19	52,0	50,0	43,0	53,1	47,4	46,9	47,2	43,4	96	104	93	90	90	80	84	100	77	84	85	60		1950	6
SC415MM		5/8"	-					243	23	59,0	57,0	44,0	54,3	54,0	53,5	48,3	44,4														2010	6
SC416MM		3/4"	-					245	27	75,0	70,0	48,0	59,2	66,3	65,7	52,7	48,5														2050	6

NOTE

(1) Massima potenzialità frigorifera riferita ad una caduta di pressione totale di 0,07 bar, compresi i raccordi di entrata e di uscita (seconda norma ARI STANDARD 710 con una temperatura di condensazione di +30 °C ed una temperatura di evaporazione di -15 °C).

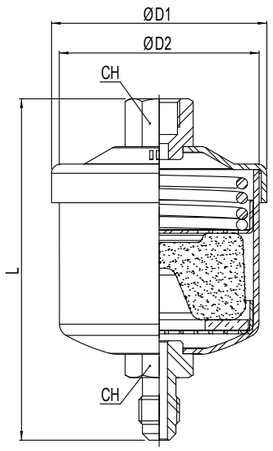
(2) La capacità disidratante si basa sui contenuti di umidità nel refrigerante, prima e dopo la disidratazione, fissati dalla norma ARI STANDARD 710 la quale assume le seguenti condizioni di riferimento:

Temperatura del liquido: +24 °C e +52 °C.

Punto di equilibrio dell'umidità residua (EPD) per R22: 60 ppm di H20.

Punto di equilibrio dell'umidità residua (EPD) per R134a, R404A, R407A, R410A, R507: 50 ppm di H20.

SC..MF



NOTES

(1) Maximum refrigerant flow capacities are referred to a total pressure drop of 0,07 bar, inlet and outlet connections included (according to ARI STANDARD 710 with condensing temperature at +30 °C and evaporating temperature at -15 °C).

(2)The dehydrating capability is based on the humidity content in the refrigerant, before and after drying, fixed in ARI STANDARD 710 that assumes the following reference conditions:

Liquid temperature: +24 °C and +52 °C.

Equilibrium Point Dryness (EPD) for R22: 60 ppm of H20.

Equilibrium Point Dryness (EPD) for R134a, R404A, R407A, R410A, R507: 50 ppm of H20.

SC..MM