FILTRI DISIDRATATORI
serie SC..S

FILTER DRIERS
SC..S series

Type	Nominal volume [cm^3]	Solder connections [in] ODF	Solder connections [in] ODM	Solder connections [mm] ODF	Solder connections [mm] ODM	TS [°C]	PS [bar]	Dimensions [mm] ØD1	Dimensions [mm] ØD2	Dimensions [mm] L	Refrigerant flow capacity Pressure drop 0,07 bar (1) [kW] R22 R410A R407C	Refrigerant flow capacity Pressure drop 0,07 bar (1) [kW] R134a	Refrigerant flow capacity Pressure drop 0,07 bar (1) [kW] R404A R507	Water capacity at +24 °C (2) [g H_2O] R22 R410A R407C	Water capacity at +24 °C (2) [g H_2O] R134a	Water capacity at +24 °C (2) [g H_2O] R404A R507	Dehydratable charge at +24 °C [kg refrigerant] R22 R410A R407C	Dehydratable charge at +24 °C [kg refrigerant] R134a	Dehydratable charge at +24 °C [kg refrigerant] R404A R507	Water capacity at +52 °C (2) [g H_2O] R22 R410A R407C	Water capacity at +52 °C (2) [g H_2O] R134a	Water capacity at +52 °C (2) [g H_2O] R404A R507	Dehydratable charge at +52 °C [kg refrigerant] R22 R410A R407C	Dehydratable charge at +52 °C [kg refrigerant] R134a	Dehydratable charge at +52 °C [kg refrigerant] R404A R507	Category 2014/68/EU PED	Weight [g]	Pieces per box
SC032S	50	1/4"	3/8"	-	-	-40 ÷ +80	45	58.5	54	95	10	8.5	7	6	6.2	6	5	6	6	5	5.3	5	4.5	5.5	5	Art. 4.3	261	32
SC033S		3/8"	1/2"	-	-					97	19.5	17.5	13.5														269	32
SC033M10S		-	-	10	12					97	19.5	17.5	13.5														269	32
SC052S	80	1/4"	3/8"	-	-					107	11	9	7.5	9	10	9	9	9.5	9	8	8	7.5	8	8	7		319	32
SC053S		3/8"	1/2"	-	-					109	23	21	16														327	32
SC053M10S		-	-	10	12					109	23	21	16														327	32
SC054S		1/2"	5/8"	-	16					116	30	27	21														343	32
SC082S	130	1/4"	3/8"	-	-					132	12	10.5	9	15	15	14.5	15.5	15.5	15	14	14	13.5	14	14	13		391	26
SC083S		3/8"	1/2"	-	-					134	27	25	17														399	26
SC083M10S		-	-	10	12					134	27	25	17														399	26
SC084S		1/2"	5/8"	-	16					141	36	33	23														411	26
SC084M12S		-	-	12	14					141	36	33	23														411	26
SC162S	250	1/4"	3/8"	-	-			78	74	145	14	11	9.5	34	40	33	37	42	35	31.5	33.5	30	31	32	28		760	12
SC163S		3/8"	1/2"	-	-					147	31	29	20														745	12
SC163M10S		-	-	10	12					147	31	29	20														745	12
SC164S		1/2"	5/8"	-	16					154	41	39	31														782	12
SC164M12S		-	-	12	14					154	41	39	31														782	12
SC165S		5/8"	3/4"	16	-					162	54	50	35														802	12
SC166S		3/4"	7/8"	-	-					167	62	58	39														842	12
SC304S	500	1/2"	5/8"	-	16					232	50	48	40	60	65	58	63	63	58	52	56	48	53	60	50		1260	6
SC305S		5/8"	3/4"	16	-					240	57	55	42														1284	6
SC324S		1/2"	5/8"	-	16			94.5	89	187	50	48	40														1590	6
SC325S		5/8"	3/4"	16	-					195	57	55	42														1630	6
SC326S		3/4"	7/8"	-	-					200	65	63	46														1670	6
SC327S		7/8"	1.1/8"	-	-					200	73	70	52														1670	6
SC414S	670	1/2"	5/8"	-	16					218	52	50	43	96	104	93	90	90	80	84	100	77	84	85	60		1900	6
SC415S		5/8"	3/4"	16	-					226	59	57	44														1930	6
SC416S		3/4"	7/8"	-	-					231	75	70	48														1970	6
SC417S		7/8"	1.1/8"	-	-					231	83	78	54														1970	6
SC757S	1340	7/8"	1.1/8"	-	-					392	100	88.5	69	167	194	173	153	153	131	144	185	142	134	145	112	Cat. I	3500	1
SC759S		1.1/8"	1.3/8"	-	35					394	106	90	78														3530	1

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.

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 ability is based on the humidity contest 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.

