

SG 40



SG 41X-KSN



Description

SG 40: Drop separators pitch 40 mm in galvanised steel

- execution: galvanised steel frame th. 15/10 mm
- galvanised steel blades th. 6/10 mm
- models with 1-5 pleats

SG 41 R: execution with 1 pleat and equaliser

SG 43 R: execution with 3 pleats and equaliser

SG40X: execution in AISI 304 stainless steel (list price x 3)

SG40XX: execution in AISI 316 stainless steel L (list price x 3.5)

Special executions

SG41R-KSN: with anti-freeze heating cables, for ATEX, SAFE zone;
1000 W/m² power with 40 W/m cables and surface temperature of 10°C

Tests carried out on the following models

SG41R: efficiency and pressure drop according to EN 13030-2001 (removal of simulated rain) carried out at VTT

SG43R: pressure drop according to EN 13030-2001; efficiency for particles between 10 and 50 micron at VTT in collaboration with FMI (Finnish Meteorological Institute)

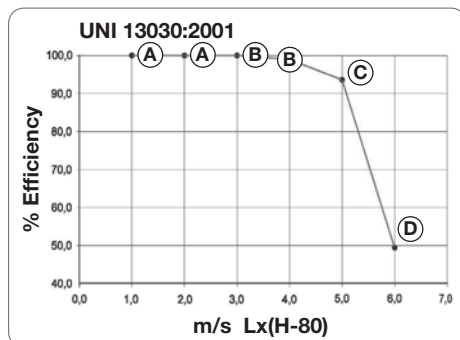
Drop size

	Particle diameter		Model tested
Heavy rain	Micron	2500	5000
Rain	Micron	500	2000
Light rain	Micron	100	500
Wet mist	Micron	50	100
Damp mist	Micron	10	50
Dry mist	Micron	2	10

% Degree of efficiency / pressure drop for SG 43 R

Velocity (m/s)	Mist size in microns				Pressure drop (Pa)
	5	10	15	20	
1	5%	40%	80%	96%	17
2	12%	62%	90%	98%	71
3	28%	88%	99%	100%	153
4	53%	93%	99%	100%	280
5	70%	96%	100%	100%	428
6	75%	97%	100%	100%	615
Test method	DHES	FSSP	FSSP	FSSP	-

SG 41 R



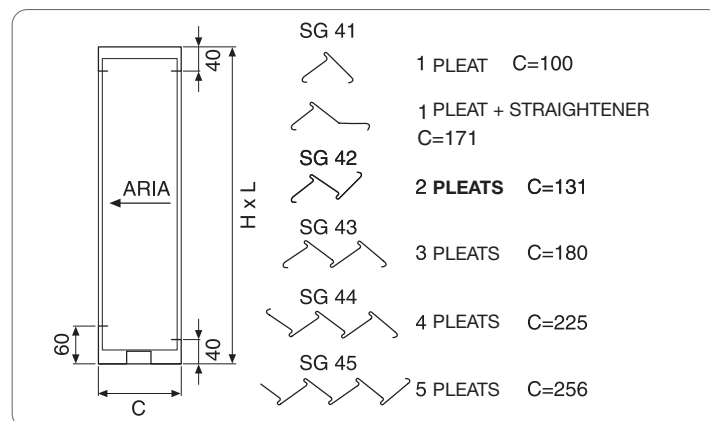
EN 13030-2001 TEST REPORT No. VTT-S-00 582-11

CL	% EFFICIENCY
A	100 ÷ 99
B	98.9 ÷ 95
C	94.9 ÷ 80
D	LESS THAN 80

V (m/s)	0.5	1	1.5	2	2.5	3	3.5	4.2	5	5.9
Pst (Pa)	2	9	19	34	54	77	103	137	214	309

Velocity for B x (H-80mm)

SG 40 dimensions



All prices are list prices for local market, for a quotation please contact us.

SG 41 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	159	184	229	265	300	335	370	406
800	183	212	265	305	346	386	427	468
1000	208	240	300	346	392	438	484	529
1200	233	268	335	386	438	489	540	591
1400	257	296	370	427	484	540	597	653
1600	282	324	406	468	529	591	653	715
1800	307	352	441	505	575	642	710	777
2000	331	380	476	549	621	694	766	839
2200	355	409	510	588	666	743	821	899

SG42 - SG41R price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	188	231	273	316	359	401	443	486
800	219	269	319	369	418	468	518	568
1000	249	307	364	421	478	536	593	650
1200	280	345	410	474	538	604	668	732
1400	310	384	455	526	598	671	743	815
1600	341	422	500	579	658	739	818	897
1800	371	460	546	632	718	807	893	979
2000	402	498	591	685	778	874	968	1061
2200	434	535	636	738	839	941	1042	1144

SG43 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	218	268	318	369	419	468	519	569
800	255	315	374	434	493	552	611	671
1000	292	361	431	499	567	636	704	772
1200	330	407	486	564	642	719	797	874
1400	367	454	543	630	716	803	890	977
1600	404	500	598	695	791	887	983	1078
1800	441	546	655	760	865	970	1075	1180
2000	478	593	711	825	939	1054	1168	1282
2200	517	641	765	889	1013	1137	1261	1385

SG44 - SG43R price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	247	304	362	419	477	535	592	649
800	291	359	428	497	565	634	703	772
1000	334	414	494	574	654	734	813	894
1200	378	468	559	651	742	833	924	1016
1400	421	523	625	729	831	933	1035	1138
1600	465	578	691	806	919	1032	1145	1260
1800	508	632	756	883	1008	1132	1256	1383
2000	552	687	822	961	1096	1231	1367	1505
2200	595	742	890	1037	1184	1332	1479	1626

SG45 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	864	1066	1268	1471	1673	1876	2078	2280
800	1020	1264	1507	1750	1993	2238	2482	2725
1000	1175	1462	1746	2030	2314	2601	2884	3168
1200	1331	1660	1985	2309	2634	2963	3288	3613
1400	1486	1857	2223	2589	2954	3326	3691	4056
1600	1642	2056	2461	2868	3274	3688	4094	4500
1800	1797	2254	2700	3147	3594	4051	4497	4944
2000	1953	2451	2939	3426	3915	4413	4900	5388
2200	2113	2645	3176	3707	4239	4770	5302	5834

Description

SGA 40: drop separators pitch 40 mm in aluminium

- execution: frame in peralluman aluminium alloy 5754 th. 20/10 mm
- blades in aluminium alloy 1050 th. 7/10 mm
- models with 1-5 pleats

SGA 41 R: execution with 1 pleat and equaliser

SGA 43 R: execution with 3 pleats and equaliser

SG40PA: execution ENTIRELY in peralluman with blades th. 1 mm (list price x 1.5)

Special executions

SGA41R-KSN: with anti-freeze heating cables, for ATEX, SAFE zone; 1000 W/m² power with 40 W/m cables and surface temperature of 10°C

Tests carried out on the following models

SGA41R: efficiency and pressure drop according to EN 13030-2001 (removal of simulated rain) carried out at VTT

SGA43R: pressure drop according to EN 13030-2001; efficiency for particles between 10 and 50 micron at VTT in collaboration with FMI (Finnish Meteorological Institute)

All prices are list prices for local market, for a quotation please contact us.

SGA 41 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	202	248	294	339	385	431	476	522
800	236	290	343	396	450	503	556	610
1000	269	331	392	453	514	575	636	697
1200	303	373	441	509	579	647	715	785
1400	337	415	490	564	644	719	795	872
1600	371	456	540	623	708	792	875	960
1800	405	498	610	679	773	864	954	1048
2000	438	540	638	736	838	936	1034	1135
2200	473	580	687	793	901	1008	1115	1222

SGA42 - SGA41R price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	242	297	353	409	465	520	576	632
800	284	350	416	482	549	615	681	747
1000	326	402	480	556	632	710	786	862
1200	368	455	543	629	716	804	891	978
1400	410	507	606	703	800	899	996	1093
1600	452	560	669	777	884	994	1101	1208
1800	495	612	733	850	968	1088	1206	1323
2000	537	665	796	924	1052	1183	1311	1439
2200	580	719	858	997	1136	1276	1415	1554

SGA43 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	285	352	419	486	553	620	687	753
800	338	418	498	579	659	740	819	900
1000	391	484	578	672	765	860	953	1047
1200	444	550	658	765	872	980	1086	1193
1400	497	616	737	859	978	1100	1219	1340
1600	549	676	817	952	1085	1219	1352	1487
1800	602	748	897	1045	1191	1339	1485	1633
2000	655	814	976	1138	1297	1459	1618	1780
2200	707	881	1056	1230	1404	1578	1752	1926

SGA44-SGA43R price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	325	403	482	560	638	716	795	873
800	388	482	577	671	766	860	955	1050
1000	451	561	672	783	894	1005	1116	1227
1200	513	639	767	894	1022	1149	1277	1404
1400	576	718	862	1006	1150	1293	1437	1581
1600	639	797	957	1117	1278	1438	1598	1752
1800	702	875	1052	1229	1405	1582	1759	1935
2000	765	954	1147	1340	1533	1726	1919	2112
2200	826	1035	1244	1452	1662	1870	2080	2288

SGA45 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	364	452	540	628	715	803	891	979
800	436	542	649	756	863	970	1077	1185
1000	507	633	759	885	1011	1138	1264	1390
1200	578	723	869	1014	1159	1305	1450	1596
1400	649	814	978	1143	1308	1472	1637	1802
1600	720	904	1088	1272	1456	1639	1823	2007
1800	792	995	1197	1401	1604	1807	2010	2213
2000	863	1085	1307	1529	1752	1974	2196	2419
2200	935	1177	1418	1659	1900	2142	2383	2624

Description

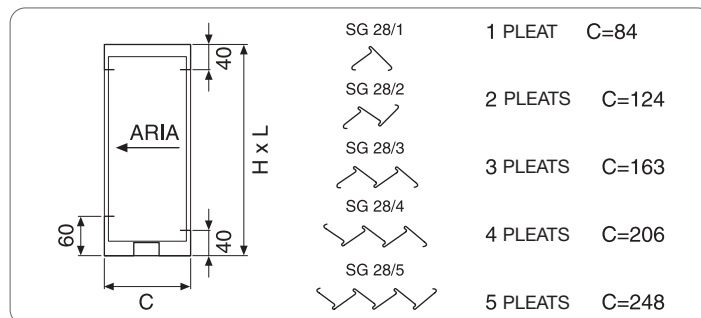
SG 28: drop separators pitch 28 mm in galvanised steel

- version: galvanised steel frame th. 15/10 mm
- galvanised steel blades th. 6/10 mm
- models with 1-5 pleats

SG28X: execution in AISI 304 stainless steel (list price x 3)

SG28XX: execution in AISI 316 stainless steel L (list price x 3.5)

SG 28 dimensions



SG28/1 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	173	218	263	308	353	398	443	488
800	200	252	303	355	406	457	509	560
1000	228	285	344	401	458	517	574	632
1200	255	318	384	447	511	576	640	704
1400	282	352	424	494	564	636	706	776
1600	309	385	464	540	616	695	772	848
1800	336	418	504	587	669	755	837	920
2000	363	452	544	633	722	814	903	992
2200	389	486	582	679	776	872	969	1066

SG28/2 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	224	277	330	382	435	487	540	593
800	260	322	383	444	506	567	629	689
1000	297	367	437	507	577	647	715	786
1200	333	412	490	569	648	727	805	883
1400	369	457	544	631	719	806	894	979
1600	405	501	598	694	790	886	982	1076
1800	442	546	651	756	861	966	1071	1173
2000	478	591	705	818	932	1046	1159	1269
2200	515	637	759	881	1002	1124	1246	1367

SG28/3 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	274	335	395	456	516	577	638	698
800	320	391	462	534	605	676	748	819
1000	365	447	529	611	693	775	858	940
1200	411	503	595	689	782	874	968	1061
1400	456	559	662	767	870	973	1078	1182
1600	501	615	728	845	959	1072	1188	1302
1800	547	671	795	922	1047	1171	1299	1423
2000	592	727	862	1000	1135	1270	1409	1544
2200	636	782	930	1077	1224	1370	1517	1664

SG28/4 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	325	393	462	531	599	668	736	804
800	379	461	542	623	705	786	868	949
1000	433	528	622	716	811	905	1000	1094
1200	487	595	701	809	916	1024	1132	1239
1400	541	662	781	902	1022	1143	1263	1384
1600	595	729	861	994	1128	1262	1395	1529
1800	650	796	940	1087	1234	1381	1527	1674
2000	704	864	1020	1180	1340	1500	1659	1819
2200	757	929	1101	1274	1447	1619	1791	1963

SG28/5 price list

HxL	600	800	1000	1200	1400	1600	1800	2000
600	864	1066	1268	1471	1673	1876	2078	2280
800	1020	1264	1507	1750	1993	2238	2482	2725
1000	1175	1462	1746	2030	2314	2601	2884	3168
1200	1331	1660	1985	2309	2634	2963	3288	3613
1400	1486	1857	2223	2589	2954	3326	3691	4056
1600	1642	2056	2461	2868	3274	3688	4094	4500
1800	1797	2254	2700	3147	3594	4051	4497	4944
2000	1953	2451	2939	3426	3915	4413	4900	5388
2200	2113	2645	3176	3707	4239	4770	5302	5834