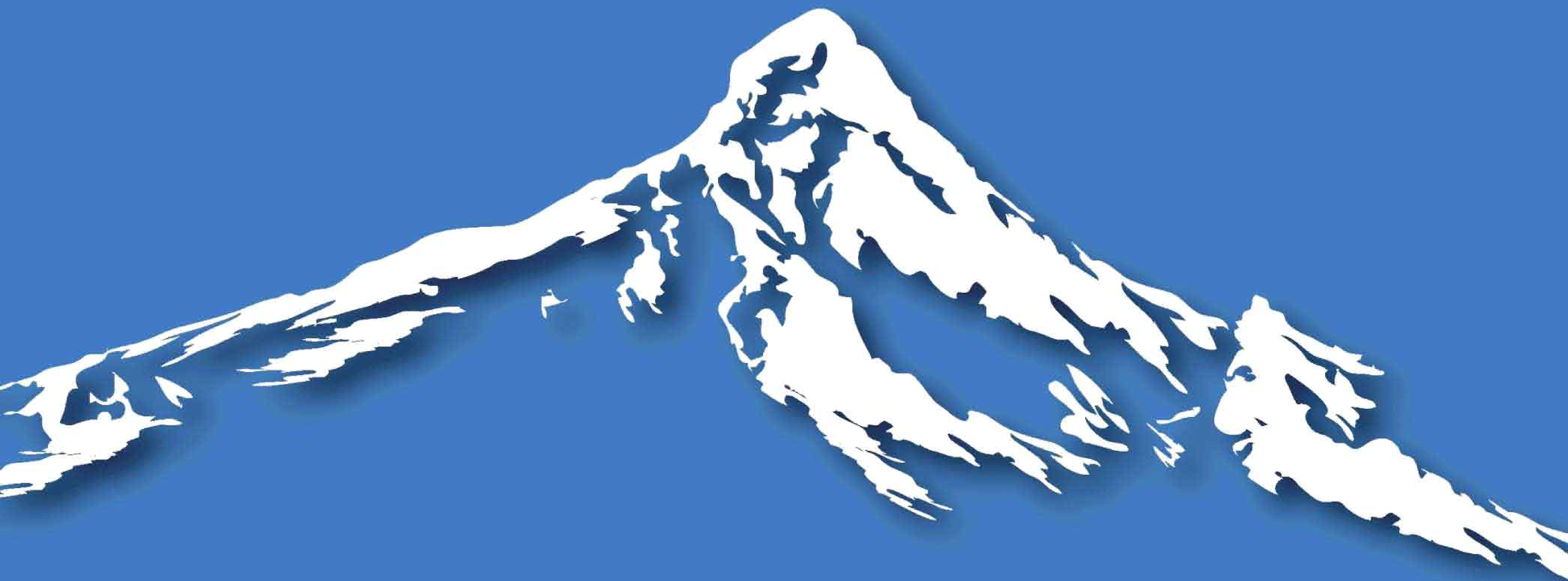
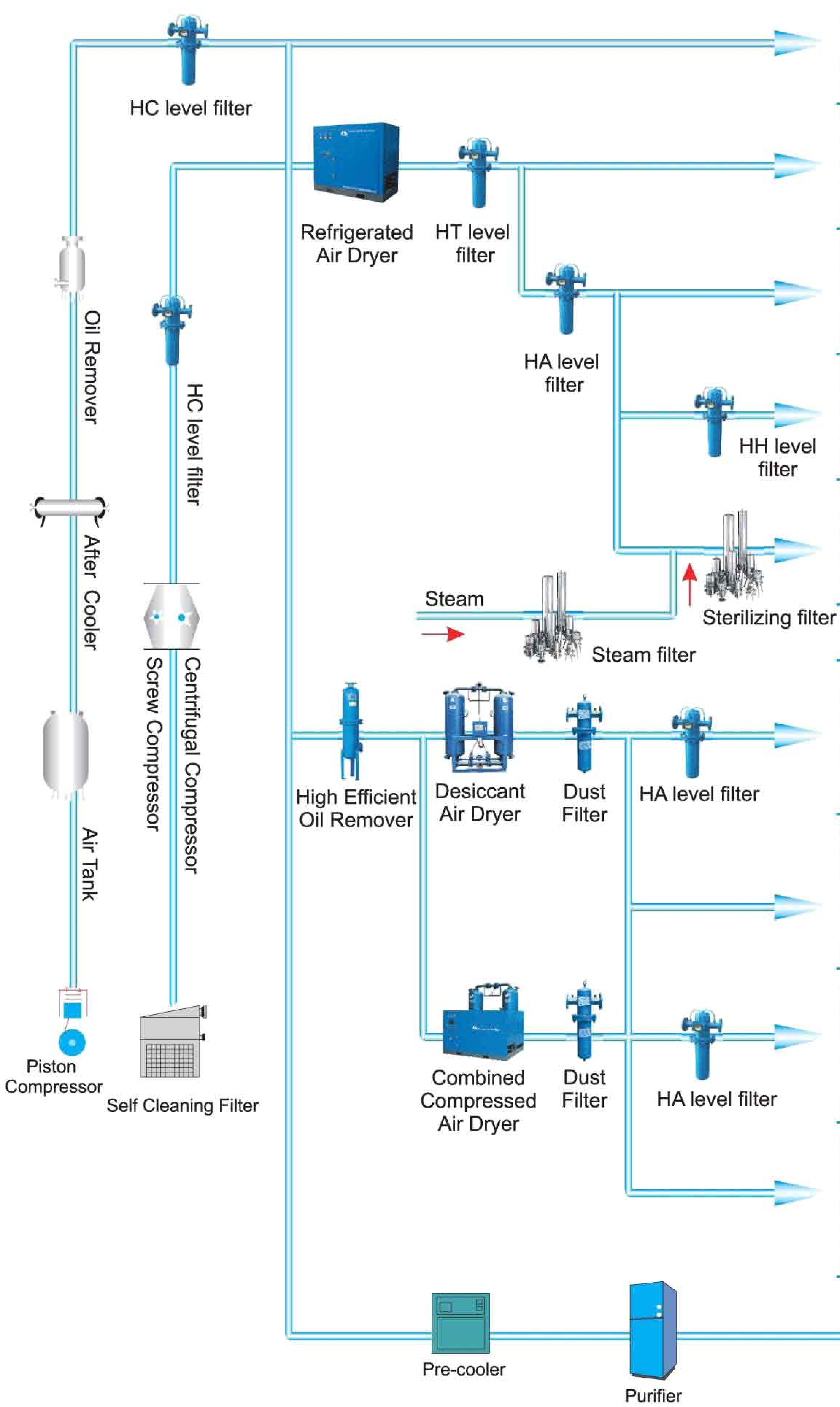
山立净化
SHANLI PURIFY



杭州山立净化设备股份有限公司
HANGZHOU SHANLI PURIFY EQUIPMENT CORPORATION

CONTENT

Perfectly Qualified Air Solution
Satisfied Your High Expectation



LEVEL		INDUSTRY
Moisture Remove Remaining Oil Conteat Filtration level	99% 5PPM <3μm	Pneumatic tools and Tooling pneumatic clip dish & General pneumatic gun
Pressure Dew Piont Remaining Oil Content Filtration level	2-10℃ 1PPM <1μm	Pneumatic machine, Electoplate spray painting and others
Pressure Dew Piont Remaining Oil Content Filtration level	2-10℃ 0.01PPM <0.01μm	Advanced Spraying Coating with pneumatic transport, pneumatic bearings and Meter
Pressure Dew Piont Remaining Oil Content Filtration level	2-10℃ 0.003PPM <0.01μm	Medical fields, Food Fields and Industry, Breathe Air, Deodorization and degerming
Pressure Dew Piont Remaining Oil Content Filtration level	2-10℃ 0.01PPM <0.01μm	Milk Production Field, Dentomechanics , Bioengineering, Food Processing and Pharmacy Industry
Standard Pressure Dew Point Remaining Oil Content Filtration level	≤-40℃ 0.01PPM <0.01μm	Power, Chemical and Precision Machinery
Standard Pressure Dew Point Remaining Oil Content Filtration level	≤-40℃ 0.01PPM < 1μm	Pneumatic instrument and environmental protection
Standard Pressure Dew Point Remaining Oil Content Filtration level	≤-40℃ 0.01PPM <0.01μm	Film, Drying electronic component
Standard Pressure Dew Point Remaining Oil Content Filtration level	≤-40℃ 0.01PPM <1μm	Bioengineering, Senior Plastic spraying and Electronic industrial

Oxygen and Nitrogen
Making industrial with air

Notes:
Above configuration is for reference only, and the specific configuration can be corresponding adjustment according to the actual situation.

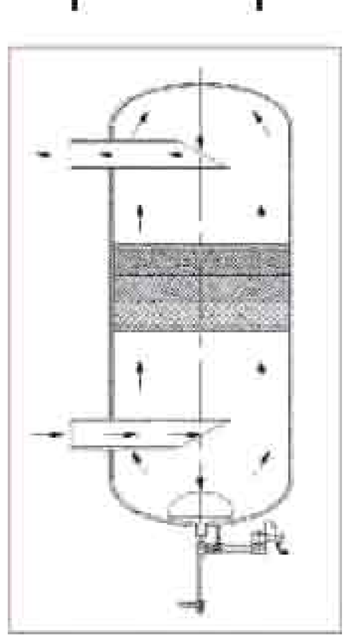
Selling Point

Refrigerated Air Dryers

Desiccant Air Dryers

Features

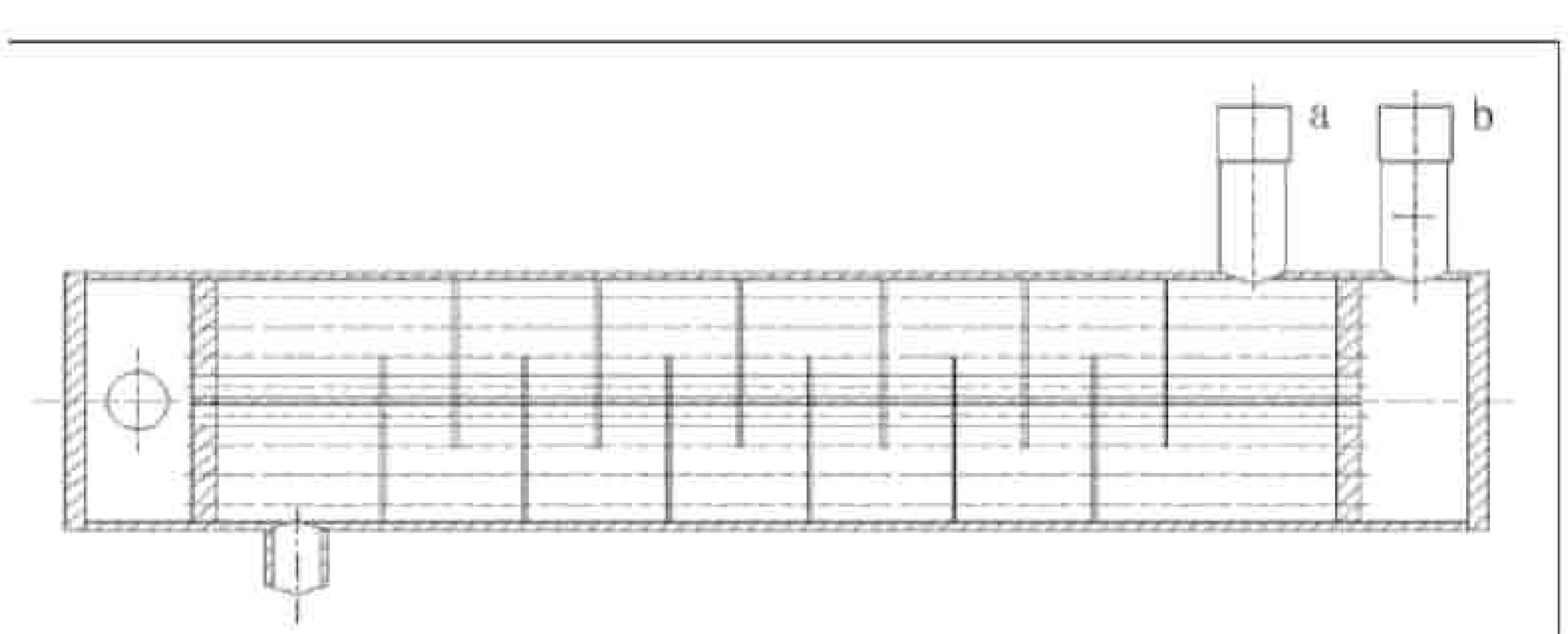
- Exchange capillary for automatic expansion valve
- Two refrigerant compressors for big cube dryers
- Unique welding process for the Evaporator copper pipe
- Gas-liquid separator



Patented Design

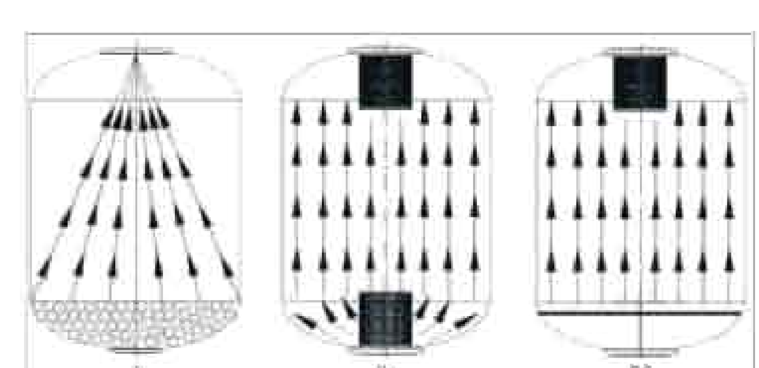
- Direct collision type
- Low speed centrifuge type
- Stainless steel wire mesh type

- Countercurrent Design for the heat exchanger



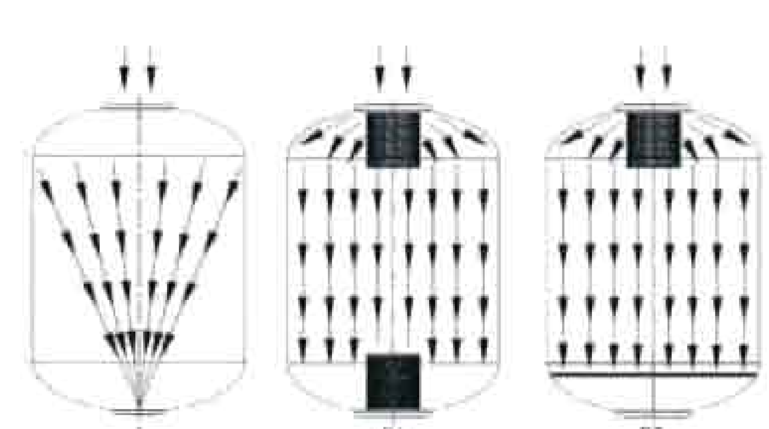
Features

- 304 Stainless Steel Check Valve
- Adjustable regenerative air volume
- Unique airflow diffuser



Other Shanli

- Unique Regenerative air distribute pipe system



Other Shanli

- Energy-saving Heater

SLAD Series Refrigerated Air Dryer

Air-cooled Type

Technical Specifications

Air Inlet Temp	≤45 ℃ (Standard Type) ≤80 ℃ (High Temp Type)
Cooling Way	Air-cooled
Ambient Temp	≤38 ℃
Pressure Dew Point	2 ~10 ℃
Air Inlet Pressure	0.6~1.0MPa
Pressure Loss	≤3% Of Inlet Pressure

* Refrigerated Air Dryer without metal box board for over 80 m3/min.The special standard can be customized.

Standard Temperature Air-cooled Type

Model \ Item	Air Capacity (Nm³/min)	Air Capacity (cfm)	Voltage (V)	Fan Power (W)	Pipe Diameter	N.W (Kg)	L (mm)	W (mm)	H (mm)
SLAD-0.5NF	0.65	23	220	1x50	G1″	45	640	450	650
SLAD-1NF	1.2	42	220	1x50	G1″	70	700	470	670
SLAD-2NF	2.5	88	220	1x100	G1″	110	700	570	749
SLAD-3NF	3.6	127	220	1x135	G1″	130	750	570	750
SLAD-4.5NF	5	176	220	1x230	G1½″	150	920	640	759
SLAD-6NF	6.8	240	220	2x135	G1½″	160	1050	640	762
SLAD-8NF	8.5	300	220	2x135	G2″	200	980	750	1238
SLAD-10NF	10.9	384	380	2x190	G2″	250	1090	770	1238
SLAD-12NF	12.8	451	380	2x190	G2″	250	1090	770	1238
SLAD-15NF	16	564	380	2x190	DN65	310	1460	750	1604
SLAD-20NF	22	775	380	2x230	DN65	410	1670	800	1623
SLAD-25NF	26.8	945	380	2x230	DN80	540	1820	800	1673
SLAD-30NF	32	1128	380	2x420	DN80	640	1900	860	1855
SLAD-40NF	43.5	1533	380	3x230	DN100	740	2200	930	1920
SLAD-50NF	53	1868	380	3x420	DN100	880	2450	900	2090
SLAD-60NF	67	2361	380	4x420	DN125	1010	2140	1450	1767
SLAD-80NF	90	3172	380	4x550	DN125	1300	2070	1600	1986
SLAD-100NF	110	3877	380	6x550	DN150	2000	2700	1600	1996

High Temperature Air-cooled Type

Model \ Item	Air Capacity (Nm³/min)	Air Capacity (cfm)	Voltage (V)	Fan Power (W)	Pipe Diameter	N.W (Kg)	L (mm)	W (mm)	H (mm)
SLAD-0.5HTF	0.65	23	220	2x50	G1″	55	670	460	900
SLAD-1HTF	1.2	42	220	2x50	G1″	80	700	490	900
SLAD-2HTF	2.5	88	220	1x100+1x50	G1″	140	750	590	970
SLAD-3HTF	3.6	127	220	1x135+1x125	G1″	160	820	590	1150
SLAD-4.5HTF	5	176	220	2x100+2x125	G1½″	180	970	650	1050
SLAD-6HTF	6.8	240	220	2x125+2x135	G1½″	210	1150	640	1153
SLAD-8HTF	8.5	300	220	4x135	G2″	250	1100	750	1338
SLAD-10HTF	10.9	384	380	2x135+2x190	G2″	270	1200	770	1338
SLAD-12HTF	12.8	451	380	2x135+2x190	G2″	270	1200	770	1338
SLAD-15HTF	16	564	380	4x190	DN65	350	1500	1100	1580
SLAD-20HTF	22	775	380	4x230	DN65	450	1670	1100	1650
SLAD-25HTF	26.8	945	380	4x230	DN80	590	1920	1180	1830
SLAD-30HTF	32	1128	380	4x420	DN80	710	2000	1280	1950
SLAD-40HTF	43.5	1533	380	6x230	DN100	860	2330	1350	2158
SLAD-50HTF	53	1868	380	6x420	DN100	960	2590	1420	2280
SLAD-60HTF	67	2361	380	4x420+4x550	DN125	1190	2600	1800	2250
SLAD-80HTF	90	3172	380	8x550	DN125	1460	2800	1800	2342
SLAD-100HTF	110	3877	380	12x550	DN150	2300	3300	1950	2677

* According to DIN7183, The design of the refrigerated air dryer is based on: working pressure 7 bar and ambient temperature 38 ℃. The Correction coefficient should be taken into consideration. (high temperature style inlet air as 45℃)

Water cooled

Technical Specifications

Inlet Air Temp	≤45 ℃ (Standard Type) ≤80 ℃ (High Temp Type)
Cooling Way	Water-cooled
Cooling Water Inlet Temp	≤32 ℃
Cooling Water Inlet Pressure	0.2 ~0.4MPa
Cooling Water	Industry Recycled Water
Pressure Dew Point	2 ~10 ℃
Inlet Air Pressure	0.6~1.0MPa
Pressure Loss	≤3% Of Inlet Pressure

★ Water-cooled type without metal box board for over 300 m^3/min.The special standard can be customized.

Normal Temperature Water-cooled Type

Item / Model	Air Capacity (Nm³/min)	Air Capacity (cfm)	Voltage (V)	Air Connec -tion	Water Connec -tion	N.W (Kg)	L(mm)	W(mm)	H(mm)
SLAD-6NW	6.8	240	220	G1½″	R1″	190	1050	560	973
SLAD-8NW	8.5	300	220	G2″	R1″	210	980	535	1098
SLAD-10NW	10.9	384	380	G2″	R1″	240	1050	650	1128
SLAD-12NW	12.8	451	380	G2″	R1″	240	1050	650	1128
SLAD-15NW	16	564	380	DN65	R1½″	290	1180	740	1393
SLAD-20NW	22	775	380	DN65	R1½″	400	1400	700	1423
SLAD-25NW	26.8	945	380	DN80	R1½″	520	1570	800	1393
SLAD-30NW	32	1128	380	DN80	R1½″	630	1500	860	1556
SLAD-40NW	43.5	1533	380	DN100	R1½″	710	1900	880	1585
SLAD-50NW	53	1868	380	DN100	R1½″	870	2230	900	1585
SLAD-60NW	67	2361	380	DN125	R1½″	990	2140	1000	1767
SLAD-80NW	90	3172	380	DN125	R1½″	1650	2130	1200	1986
SLAD-100NW	110	3877	380	DN150	R2″	2430	2410	1135	1976
SLAD-120NW	130	4582	380	DN150	R2″	2500	2600	1355	2144
SLAD-150NW	160	5639	380	DN200	R2½″	2800	2970	1550	2374
SLAD-200NW	210	7402	380	DN200	R2½″	3500	3370	1510	2434
SLAD-250NW	260	9164	380	DN250	R3″	3700	3660	1960	2666
SLAD-300NW	315	11102	380	DN250	R3″	4000	3795	1900	2714
SLAD-350NW	350	12336	380	DN300	R3″	4100	4060	2160	3009
SLAD-400NW	400	14098	380	DN300	R4″	4200	4460	2110	3009
SLAD-450NW	450	15860	380	DN350	R4″	4500	4600	2000	3059
SLAD-500NW	500	17623	380	DN350	R4″	4700	4900	2000	3059
SLAD-550NW	550	19385	380	DN400	DN125	5000	4900	2160	3209
SLAD-600NW	600	21147	380	DN400	DN125	5300	4900	2260	3309

High Temperature Water-cooled Type

Item / Model	Air Capacity (Nm³/min)	Air Capacity (cfm)	Voltage (V)	Air Connec -tion	Water Connection	N.W (Kg)	L(mm)	W(mm)	H(mm)
SLAD-6HTW	6.8	240	220	G1½″	R3/4″ / R1″	260	1200	780	923
SLAD-8HTW	8.5	300	220	G2″	R1″	270	1100	800	1200
SLAD-10HTW	10.9	384	380	G2″	R1″	280	1200	950	1148
SLAD-12HTW	12.8	451	380	G2″	R1″	280	1200	950	1148
SLAD-15HTW	16	564	380	DN65	R1½″	340	1380	1170	1393
SLAD-20HTW	22	775	380	DN65	R1½″	470	1500	1150	1443
SLAD-25HTW	26.8	945	380	DN80	R1½″	610	1850	1250	1413
SLAD-30HTW	32	1128	380	DN80	R1½″	720	1500	1300	1555
SLAD-40HTW	43.5	1533	380	DN100	R1½″	860	1920	1320	1585
SLAD-50HTW	53	1868	380	DN100	R1½″ / R2″	1090	2230	1350	1585
SLAD-60HTW	67	2361	380	DN125	R1½″ / R2″	1390	2140	1500	1767
SLAD-80HTW	90	3172	380	DN125	R1½″ / R2″	1950	2130	1800	1986
SLAD-100HTW	110	3877	380	DN150	R2″	2600	2440	1780	1976
SLAD-120HTW	130	4582	380	DN150	R2″	2900	2610	1960	2146
SLAD-150HTW	160	5639	380	DN200	R2½″ / R3″	3200	2980	2260	2374
SLAD-200HTW	210	7402	380	DN200	R2½″ / R3″	3700	3370	2160	2426
SLAD-250HTW	260	9164	380	DN250	R3″	3880	3660	2600	2714
SLAD-300HTW	315	11102	380	DN250	R3″	4300	3760	2410	2560
SLAD-350HTW	350	12336	380	DN300	R3″	4200	4060	2660	3009
SLAD-400HTW	400	14098	380	DN300	R4″	4370	4260	2660	3009
SLAD-450HTW	450	15860	380	DN350	R4″	4700	4600	2800	3059
SLAD-500HTW	500	17623	380	DN350	R4″	4900	4900	2800	3059
SLAD-550HTW	550	19385	380	DN400	DN125	5300	4900	2970	3209
SLAD-600HTW	600	21147	380	DN400	DN125	5500	4900	3070	3309

★ According to DIN7183, The design of the refrigerated is based on the following parameters, working pressure and ambient temperature, Working pressure 7 bar ambient temperature 38 ℃.
The Correction coefficient should be taken into consideration. (make the high temperature style inlet air as 45℃)

SLAD Series Heatless Desiccant Air Dryer

Specification And Performance Parameters

Item / Model	Air Capacity (Nm^3/min)	Air Capacity (cfm)	Connection Diameter	N.W (Kg)	L (mm)	W(mm)	H(mm)
SLAD-1WXF	1.2	42	G1″	163	732	500	1417
SLAD-2WXF	2.5	88	G1″	235	732	500	2017
SLAD-3WXF	3.6	127	G1″	356	962	530	1711
SLAD-4.5WXF	4.8	169	G1$\frac{1}{2}$″	383	842	550	2225
SLAD-6WXF	6.8	240	G1$\frac{1}{2}$″	481	950	550	2105
SLAD-8WXF	8.5	300	G2″	598	1288	600	2231
SLAD-10WXF	10.9	384	G2″	756	1288	600	2331
SLAD-12WXF	12.8	451	G2″	756	1288	600	2331
SLAD-15WXF	16	564	DN65	760	1743	705	2356
SLAD-20WXF	22	775	DN65	1171	1903	750	2415
SLAD-25WXF	26.8	945	DN80	1258	1933	807	2738
SLAD-30WXF	32	1128	DN80	1496	2101	800	2462
SLAD-40WXF	43.5	1533	DN100	2010	2200	870	2576
SLAD-50WXF	53	1868	DN100	2337	2233	870	2594
SLAD-60WXF	67	2361	DN125	2636	2416	1050	2827
SLAD-80WXF	90	3172	DN125	3590	2616	1059	3164
SLAD-100WXF	110	3877	DN150	4228	3052	1250	3064
SLAD-120WXF	130	4582	DN150	4730	3112	1250	3364
SLAD-150WXF	160	5639	DN200	5866	3612	1500	3382
SLAD-200WXF	210	7402	DN200	7859	4124	1685	3534
SLAD-250WXF	260	9164	DN250	8600	4216	1825	3755
SLAD-300WXF	310	10926	DN250	11000	4516	1925	3798

Technical Specifications

Air Inlet Temp	20~45 ℃
Oil Content	≤0.1PPM
Air Inlet Pressure	0.6~1.0MPa
Pressure Loss	≤3% Of Inlet Pressure
Pressure Dew Point	-40℃
Air Consumption	≤14%
Cycling Time	10min
Control Method	Microcomputer Automatic Control

* All the above parameters are accessed to under our standardworking pressure 0.7MPa.
Please contact us if you need customized service.

SLAD Series Heated Desiccant Air Dryer

Technical Specifications

Air Inlet Temp	20~45 ℃
Air Inlet Pressure	0.6~1.0MPa
Air Consumption	≤7%
Pressure Loss	≤3% Of Inlet Pressure
Oil content	≤0.1PPM
Pressure Dew Point	Standard Type-40℃
Control Method	Computer Program Control/PLC Control
Power	1-6 Nm3/min AC220V/50Hz 8Nm3/min and above AC380V/220V/50Hz
Cycling Time	T=2(h)

★ Above parameters pressure standard is based on standard pressure 0.7 MPa (Other special requirements can be customized).

Specification And Performance Parameters

Item / Model	Air Capacity (Nm^3/min)	Air Capacity (cfm)	Desiccant Weight (KG)	Air Connection	N.W (Kg)	L (mm)	W(mm)	H(mm)
SLAD-1MXF	1.2	42	24	G1″	186	812	620	1417
SLAD-2MXF	2.5	88	40	G1″	256	732	586	2017
SLAD-3MXF	3.6	127	60	G1″	341	962	638	1711
SLAD-4.5MXF	4.8	169	85	G1½″	447	842	642	2225
SLAD-6MXF	6.8	240	120	G1½″	630	950	642	2105
SLAD-8MXF	8.5	300	158	G2″	678	1288	696	2231
SLAD-10MXF	10.9	384	190	G2″	810	1288	696	2331
SLAD-12MXF	12.8	451	190	G2″	810	1288	696	2331
SLAD-15MXF	16	564	310	DN65	983	1743	735	2356
SLAD-20MXF	22	775	492	DN65	1271	1933	736	2415
SLAD-25MXF	26.8	945	578	DN80	1371	1903	823	2738
SLAD-30MXF	32	1128	600	DN80	1550	2101	913	2462
SLAD-40MXF	43.5	1533	856	DN100	1994	2200	1002	2576
SLAD-50MXF	53	1868	1002	DN100	2127	2213	1002	2594
SLAD-60MXF	67	2361	1718	DN125	3243	2716	1270	2857
SLAD-80MXF	90	3172	2300	DN125	3698	2816	1453	2911
SLAD-100MXF	110	3877	2800	DN150	4677	3312	1751	3094
SLAD-120MXF	130	4582	3370	DN150	5140	3420	1900	3159
SLAD-150MXF	160	5639	4070	DN200	6126	3812	1900	3378
SLAD-200MXF	210	7402	5530	DN200	8370	4224	2235	3534
SLAD-250MXF	260	9164	6116	DN250	13100	4616	2647	3805
SLAD-300MXF	310	10926	7016	DN250	15000	4816	2802	3883

Air-cooled Type Combined Air Dryer

Technical Specifications

Air Inlet Temp	20~45℃
Air Inlet Pressure	0.6~1.0MPa
Pressure Loss	3%-5% Of Inlet Pressure
Pressure Dew Point	Standard Type-40℃
Air Consumption	3%~5%
Cooling Way	Air-cooled
Ambient Temperature	≤38%
Oil Content	≤0.1PPM
Control Method	Microcomputer Automatic Control
Power	1-12 Nm3/min AC220V/50Hz 15Nm3/min and above AC380V/220V/50Hz
Cycling Time	T=40(min)

★ Split bare combined type air dryer without metal box board for over 80 m3/min.

Specification And Performance Parameters

Item / Model	Air Capacity		Desiccant Weight (KG)	Connection Diameter	Cooling Power (HP)	Fan Power (W)	Voltage (V)	N.W(KG)	L(mm)	W(mm)	H(mm)
	(Nm^3/min)	(cfm)									
SDZF-1	1.2	42	24	G1″	1/2	1x50	220	400	1080	850	1460
SDZF-2	2.5	88	40	G1″	1/2	1x50	220	440	1100	900	2050
SDZF-3	3.6	127	60	G1″	3/4	1x100	220	460	1200	1000	1808
SDZF-4.5	5	176	86	$G1\frac{1}{2}$″	1	1x135	220	660	1290	1030	2263
SDZF-6	6.8	240	112	$G1\frac{1}{2}$″	1.5	1x230	220	775	1500	1105	1931
SDZF-8	8.5	300	156	G2″	2	2x135	220	970	1500	1240	2016
SDZF-10	10.9	384	197	G2″	2.5	2x135	220	1120	1500	1240	2316
SDZF-12	12.8	451	220	G2″	2.5	2x135	220	1190	1500	1240	2316
SDZF-15	16	564	273	DN65	3	2x190	380	1670	1960	1450	2192
SDZF-20	22	775	395	DN65	4	2x190	380	1740	1980	1600	2475
SDZF-25	26.8	945	491	DN80	5	2x230	380	2100	2270	1700	2505
SDZF-30	32	1128	600	DN80	6	2x230	380	2200	2420	1780	2519
SDZF-40	43.5	1533	722	DN100	7	2x420	380	2848	2540	1900	2637
SDZF-50	53	1868	862	DN100	10	3x230	380	3094	2600	2350	2638
SDZF-60	67	2361	1030	DN125	12	3x420	380	3421	2540	2450	2719
SDZF-80	90	3172	1333	DN125	13.3	4x420	380	4200	2640	2600	2818

★ Ambient temperature: ≤38℃ Technical standards for the above parameters under pressure 0.7MPa.
Please contact Shanli for technical information when the working pressure is below 0.6MPa or over 1.0MPa.

Water-cooled Type Combined Air Dryer

Technical Specifications

Air Inlet Temp	20~45℃
Air Inlet Pressure	0.6~1.0MPa
Pressure Loss	3%-5% Of Inlet Pressure
Pressure Dew Point	Standard Type-40℃
Air Consumption	3%~5%
Cooling Way	Water-cooled
Cooling Water Inlet Temp	≤32℃
Cooling Water Inlet Pressure	0.2~0.4MPa
Cooling Water	Industrial Recycling Water
Oil Content	≤0.1PPM
Control Method	Microcomputer Automatic Control
Power Supply	6-12 Nm3/min AC220V/50Hz 15Nm3/min and above AC380V/220V/50Hz
Cycling Time	T=40(min)

* Split bare combined type air dryer without metal box board for over 80 m3/min.

Specification And Performance Parameters

项目 / 型号	Air Capacity		Desiccant Weight (KG)	Air Connection	Water Connection	Cooling Power (HP)	Voltage (V)	N.W(KG)	L(mm)	W(mm)	H(mm)
	(Nm^3/min)	(cfm)									
SDZW-6	6.8	240	112	G1$\frac{1}{2}$″	R1″	1.5	220	760	1500	1160	1940
SDZW-8	8.5	300	156	G2″	R1″	2	220	960	1500	1100	2116
SDZW-10	10.9	384	197	G2″	R1″	2.5	220	1120	1500	1240	2316
SDZW-12	12.8	451	220	G2″	R1″	2.5	220	1190	1500	1240	2316
SDZW-15	16	564	273	DN65	R1″	3	380	1660	1960	1450	2196
SDZW- 20	22	775	395	DN65	R1$\frac{1}{2}$″	4	380	1740	1970	1600	2475
SDZW-25	26.8	945	491	DN80	R1$\frac{1}{2}$″	5	380	2075	2030	1630	2505
SDZW-30	32	1128	600	DN80	R1$\frac{1}{2}$″	6	380	2200	2240	1840	2519
SDZW-40	43.5	1533	722	DN100	R1$\frac{1}{2}$″	7	380	2784	2360	1900	2637
SDZW-50	53	1868	862	DN100	R1$\frac{1}{2}$″	10	380	3144	2400	2000	2638
SDZW-60	67	2361	1030	DN125	R1$\frac{1}{2}$″	12	380	3361	2540	2100	2719
SDZW-80	90	3172	1333	DN125	R1$\frac{1}{2}$″	13.3	380	4500	2640	2450	2818
SDZW-100	110	3877	1940	DN150	R1$\frac{1}{2}$″	20	380	6550	2680	2670	2985
SDZW-120	130	4582	2370	DN150	R2″	25	380	7810	2820	2800	3041
SDZW-150	160	5639	2785	DN200	R2″	25	380	8500	3290	3130	3190
SDZW-200	210	7402	3374	DN200	R2$\frac{1}{2}$″	40	380	9600	3350	3375	3309
SDZW-250	260	9164	4580	DN250	R2$\frac{1}{2}$″	60	380	12100	3900	4110	3569
SDZW-300	315	11102	5354	DN250	R3″	70	380	12800	4700	4210	3730

* Cooling water temperature≤32℃.Cooling water inlet pressure: 0.2-0.4 MPa.
The parameters above is based on standard technical pressure 0.7MPa.
Please contact Shanli for technical information when the working pressure is below 0.6MPa or over 1.0MPa.

SDXY Series Compression Heated Desiccant Dryer

Technical Specifications

Air Inlet Temp	110~140℃
Air Inlet Pressure	0.8~1.0MPa
Air Consumption	Air Consumption ≤5% Zero Air Consumption 0
Pressure Loss	Air Consumption ≤3% Of Inlet Pressure Zero Air Consumption ≤5% Of Inlet Pressure
Oil content	≤0.1PPM
Pressure Dew Point	Standard Type-40℃
Cooling Water Inlet Temp	≤32℃
Cooling Water Inlet Pressure	0.2~0.4MPa
Control Method	Industrial Recycling Water
Power	PLC Control
Cycling Time	T=6-8(h)

With Air Consumption Type

Model	Air Capacity		L (mm)	W (mm)	H (mm)	Inlet /Outlet Flange Size	Power Consum -ption (W)	Dryer Weight (Kg)	Desiccant Weight (Kg)
	(Nm³/min)	(cfm)							
SDXY-40	40	1410	2900	1800	2658	DN100	150	3200	990
SDXY-50	50	1762	2900	1800	2695	DN100	200	3800	1300
SDXY-60	60	2112	3200	1800	2900	DN125	200	4300	1670
SDXY-80	80	2820	3500	1900	2904	DN125	200	4700	1870
SDXY-100	100	3525	3700	2100	2960	DN150	200	6000	2540
SDXY-120	120	4229	3800	2200	3064	DN150	200	6800	3050
SDXY-150	150	5287	4500	2400	3200	DN200	200	8300	3600
SDXY-180	180	6344	4500	2500	3270	DN200	200	10000	4200
SDXY-200	200	7049	4500	2800	3365	DN200	250	11100	4900
SDXY-220	220	7754	4600	2800	3416	DN200	250	12200	5600
SDXY-250	250	8811	5000	3200	3600	DN250	250	14500	6400
SDXY-300	300	10574	5400	3400	3673	DN250	250	16800	8140
SDXY-350	350	12336	5500	3600	3900	DN300	250	19500	9100
SDXY-400	400	14098	5800	3600	4000	DN300	250	22000	10190

Zero Purge Consumption Type

Model	Air Capacity		L (mm)	W (mm)	H (mm)	Inlet /Outlet Flange Size	Power Consum -ption (W)	Dryer Weight (Kg)	Desiccant Weight (Kg)
	(Nm³/min)	(cfm)							
SDXY-30I	30	1057	3100	1900	2650	DN80	200	3400	990
SDXY-40I	40	1410	3400	2000	2700	DN100	200	4150	1300
SDXY-50I	50	1762	3400	2000	2800	DN100	200	4400	1670
SDXY-60I	60	2115	3600	2300	2922	DN125	200	5200	1870
SDXY-80I	80	2820	4000	2400	2985	DN125	200	6300	2540
SDXY-100I	100	3525	4200	2600	3064	DN150	200	7200	3050
SDXY-120I	120	4229	4600	2800	3142	DN150	200	8800	3600
SDXY-150I	150	5287	5200	3100	3320	DN200	200	12000	4900
SDXY-180I	180	6344	5400	3220	3395	DN200	200	13200	5600
SDXY-200I	200	7049	5500	3400	3500	DN200	200	15600	6400
SDXY-250I	250	8811	6000	3800	3773	DN250	200	18000	8140
SDXY-300I	300	10574	6400	4000	3952	DN250	200	23000	10190

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SDXG Series Blower Heated Desiccant Dryer

Working Principle

For added energy savings, it uses a high efficiency blower to take in ambient air required during the heat regeneration cycle to desorb moisture from the desiccant, no compressed air is used during this phase.

Dry compressed air is used during the dry air cooling regeneration period for reduced heat and dew point spike at tower switchover. This amounts to an average process air use of 3% of the rated capacity of the dryer.

Technical Specifications

Air Inlet Temp	5~45℃
Air Inlet Pressure	0.6–1.0Mpa
Air Consumption	Air Consumption ≤3% Zero Air Consumption 0
Pressure Loss	≤3% Of Inlet Pressure
Pressure Dew Point	≤0.1PPM
Oil Content	Standard Type-40℃
Control Method	PLC Control
Power	AC 380V/220V/50HZ
Air Flow	10–300Nm³/min
Ambient Temp	5-35℃

With Gas Consumption Type

Model	Air Capacity (Nm^3/min)	Air Capacity (cfm)	Connec-tion Diame-ter	Heater Power (KW)	Blower Power (KW)	Desiccant Weight (KG)	Weight (KG)	Dimension (mm)
SDXG-10	10.9	384	DN50	8	1.3	311	880	1850×710×2380
SDXG-15	16	564	DN65	10	1.3	486	1200	2000×750×2420
SDXG-20	22	775	DN65	12	1.75	606	1450	2150×800×2460
SDXG-25	26.8	945	DN80	15	1.75	716	1800	2250×850×2550
SDXG-30	32	1128	DN80	18	2.2	860	2000	2200×1000×2500
SDXG-40	43.5	1533	DN100	22	2.2	1158	2100	2350×1250×2650
SDXG-50	53	1868	DN100	27	5.5	1520	2800	2600×1450×2740
SDXG-60	67	2361	DN125	36	5.5	1710	3700	2650×1600×2820
SDXG-80	90	3172	DN125	42	7.5	2660	4900	3200×1800×3000
SDXG-100	110	3877	DN150	54	13	3220	6500	3500×1900×3100
SDXG-120	130	4582	DN150	72	13	3842	7600	3820×2000×3200
SDXG-150	160	5639	DN200	84	13	5288	11000	4200×2100×3400
SDXG-200	210	7402	DN200	96	20	7008	15000	4800×2300×3800

Zero Purge Consumption Type

Model	Air Capacity (Nm^3/min)	Air Capacity (cfm)	Connec-tion Diame-ter	Heater Power (KW)	Blower Power (KW)	Desiccant Weight (KG)	Weight (KG)	Dimension (mm)
SDXG-10I	10.9	384	DN50	8	1.3	311	1300	1850×950×2400
SDXG-15I	16	564	DN65	10	1.3	486	1550	1950×1000×2440
SDXG-20I	22	775	DN65	12	1.75	606	2000	2110×1100×2470
SDXG-25I	26.8	945	DN80	15	1.75	716	2200	2200×1200×2510
SDXG-30I	32	1128	DN80	18	2.2	860	2350	2200×1300×2510
SDXG-40I	43.5	1533	DN100	22	2.2	1158	2900	2400×1500×2600
SDXG-50I	53	1868	DN100	27	5.5	1520	3450	2750×1550×2850
SDXG-60I	67	2361	DN125	36	5.5	1710	4000	2750×1650×2900
SDXG-80I	90	3172	DN125	42	7.5	2660	5500	3450×2000×3100
SDXG-100I	110	3877	DN150	54	13	3220	6000	3600×2200×3200
SDXG-120I	130	4582	DN150	72	13	3842	6900	3900×2250×3400
SDXG-150I	160	5639	DN200	84	13	5288	9500	4300×2400×3500
SDXG-200I	210	7402	DN200	96	20	7008	14500	4800×2600×3850

SDXM Series Modular Desiccant Air Dryer

Technical Specifications

Air Inlet Temperature	≤35℃
Air Inlet Pressure	0.7MPa
Air Consumption	≤1.5%
Pressure Loss	0.15bar(g)
Inlet Oil Content	≤0.1PPM
Dew Point	-40℃
Control Way	PLC

Advantages

- High efficient desiccant
- High-strength aluminum alloy structure with corrosion-resistant
- Core design with ½ dimension to traditional dryer
- Tornado filling to prevent tunnel effect
- Unique multiple parallel installation

Heated Type

Item	Capacity		Air Comsuption	Power	Conne -ction	Desicc -ant Weight (kg)	Dimension (mm)
	Nm³/min	cfm					
SDXM-1J	1.5	53				11.0	465×290×1205
SDXM-2J	2.7	95.4			G1	21.5	585×290×1205
SDXM-3J	3.9	137.8				32.0	705×290×1205
SDXM-4.5J	4.5	159			G1-1/2	33.0	585×290×1645
SDXM-6J	6.6	233.2	≤7%	220V /50HZ		50.0	705×290×1645
SDXM-8J	8.7	307.4			G2	66.0	825×290×1645
SDXM-10J	10.8	381.6				82.5	945×290×1645
SDXM-15J	15.1	533.6				115.5	1190×290×1645
SDXM-17J	17.2	607.8			G2-1/2	132.0	1310×290×1645
SDXM-20J	21	742		380V /220V /50HZ		165.0	1550×290×1645

Heatless Type

Item	Capacity		Air Comsuption	Power	Conne -ction	Desicc -ant Weight (kg)	Dimension (mm)
	Nm³/min	cfm					
SDXM-1W	1.5	53				11.0	465×290×1205
SDXM-2W	2.7	95.4			G1	21.5	585×290×1205
SDXM-3W	3.9	137.8				32.0	705×290×1205
SDXM-4.5W	4.5	159			G1-1/2	33.0	585×290×1645
SDXM-6W	6.6	233.2	≤15%	220V /50HZ		50.0	705×290×1645
SDXM-8W	8.7	307.4			G2	66.0	825×290×1645
SDXM-10W	10.8	381.6				82.5	945×290×1645
SDXM-15W	15.1	533.6				115.5	1190×290×1645
SDXM-17W	17.2	607.8			G2-1/2	132.0	1310×290×1645
SDXM-20W	21	742				165.0	1550×290×1645

Specifications And Performance Parameters

Model \ Item	Air flow (Nm³/min)	Element Qty	Outer Size A(mm)	Outer Size B(mm)	Outer Size C(mm)	Connec-tion Diameter	Weight (Kg)	Outside Drawing
SAGL-0.5*	0.65	1	337	125	361	G1"	1.9	
SAGL-1*	1.2	1	337	125	361	G1"	1.9	
SAGL-2*	2.5	1	337	125	361	G1"	1.9	
SAGL-3*	3.6	1	337	125	361	G1"	1.9	
SAGL-4.5*	5.0	1	444	152	475	G1½"	3.4	**Figure I**
SAGL-6*	6.8	1	444	152	475	G1½"	3.4	
SAGL-8*	8.5	1	734	160	767	G2"	5.3	
SAGL-10*	10.9	1	734	160	767	G2"	5.3	
SAGL-12*	12.8	1	734	160	767	G2"	5.3	
SAGL-15*	16	1	ϕ159	399	950	DN65	49	
SAGL-20*	22	1	ϕ159	399	1100	DN65	53	
SAGL-25*	26.8	1	ϕ159	399	1250	DN80	59	
SAGL-30*	32	2	ϕ219	459	985	DN80	67	
SAGL-40*	43.5	2	ϕ219	459	1130	DN100	75	
SAGL-50*	53	3	ϕ273	513	1190	DN100	109	
SAGL-60*	67	3	ϕ273	513	1190	DN125	114	
SAGL-80*	90	4	ϕ325	565	1220	DN125	132	
SAGL-100*	110	5	ϕ377	637	1290	DN150	177	**Figure II**
SAGL-120*	130	5	ϕ377	637	1445	DN150	187	
SAGL-150*	160	7	ϕ462	762	1630	DN200	215	
SAGL-200*	210	9	ϕ462	762	1630	DN200	216	
SAGL-250*	260	11	ϕ512	812	1750	DN250	271	
SAGL-300*	315	13	ϕ562	862	1800	DN250	310	
SAGL-350*	350	16	ϕ662	962	1915	DN300	397	
SAGL-400*	400	18	ϕ662	962	1915	DN300	398	
SAGL-450*	450	20	ϕ712	1012	1915	DN350	462	
SAGL-500*	500	23	ϕ712	1012	1980	DN350	500	
SAGL-550*	550	26	ϕ816	1116	2000	DN400	560	
SAGL-600	600	28	ϕ816	1116	2000	DN400	600	

Figure I　　Figure II

Performance Parameters

Product Level	Filtration Accuracy	Remaining Oil	Initial Pressure Drop	(Compressed State) The Concentration challenges of inlet
HC(HF9)	3μm	5ppm	0.007MPa	N/A
HT(HF7)	1μm	1ppm	0.007MPa	10ppm
HA(HF5)	0.01μm	0.01ppm	0.01MPa	3ppm
HF(HF3)	0.01μm	0.003ppm	0.01MPa	0.1ppm
HH(HF1)	0.01μm	0.003ppm	0.01MPa	0.1ppm

Pressure Correction Coefficient

Pressure(MPa)	correction coefficient	Pressure(MPa)	correction coefficient
0.1	0.25	1.0	1.0
0.2	0.375	1.3	1.0
0.3	0.5	1.6	1.0
0.4	0.625	2.0	1.33
0.5	0.75	2.5	1.33
0.7	1.0		

Note:

- "*" indicates the product level: HC, HT, HA, HF, HH.
- This series of precision filter, filter element uses the technology of HANKISON.
- Filter element Precision is based on ISO 8573.
- Required to specify when ordering. The amount of processing at different pressures should be corrected coefficient as the coefficient correction table.