

Compressed Air Treatment Equipment



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REFRIGERATED COMPRESSED AIR DRYER

Features and advantages

Energy Saving

High efficiency heat exchanging wings made of aluminum alloy plates, cross-flowing high efficiency heat exchanging and sufficient exchanging area, maximizing the cooling energy inside the machine. Pressure loss is less than 0.02Mpa.

Excellent Performance

Under nominal operation conditions, the outlet dew point is 3°C lower than that of the conventional tube shell refrigerated compressed air dryer.

Compact

The high efficiency heat exchangers made of aluminum alloy plates are, under same flow capacity, 2/3 less in volume than that of the conventional tube shell exchangers. The layouts are more compact, significantly reducing the footprint of the equipments, further freeing customers' limited space.

Environmental Friendly

Aluminum-alloy-made heat exchangers never get rusted, strong anti-corrosion property, pollution reoccurrence free. Environmental cooling medium adopted across the series, keeping up with the international trends of environment protection.

Top Configuration

Whole series of refrigerated compressors are of first class brands.

Whole series of refrigeration control elements are of first class brands.

Whole series of air coolers adopt nanometer anti-corrosion coating on the surfaces.

Packed with Y-shape air inlet filters to effectively reduce pipe pollutants on the heat exchanging channel.

Working pressure: ≤13bar

Maximum air inlet temperature: 65°C

Maximum ambient temperature: 50°C

Minimum ambient temperature: 5°C

Cooling method: air cooled



Items	Type	DAD-0.3BNF	DAD-0.5BNF	DAD-1BNF	DAD-2BNF	DAD-3BNF	DAD-6BNF	DAD-10BNF	DAD-13BNF	DAD-15BNF
Capacity(N ³ /min)		0.3	0.5	1.2	2.4	3.8	6.5	10.7	13.5	17
Refrigerant		R134a	R134a	R134a	R134a	R134a	R410a	R410a	R410a	R410a
Voltage(V/Hz)		220/50	220/50	220/50	220/50	220/50	220/50	220/50	380/50	380/50
Compressor power(W)		0.21	0.21	0.32	0.6	0.9	1.65	2.71	4.65	4.65
Fan power(W)		23	53	53	53	110	150	240	240	240
Air inlet/outlet pipe diameter		Rc1/2"	Rc1"	Rc1"	Rc1"	Rc1"	Rc1-1/2"	Rc2"	Rc2"	Rc2"
Weight(Kg)		28	34	35	44	62	100	140	180	190
Dimensions	L(mm)	420	630	630	690	760	770	970	970	970
	W(mm)	297	347	347	347	407	570	640	700	700
	H(mm)	430	520	520	520	560	790	880	880	1020

Air cooling type

Inlet temperature: $\leq 80^{\circ}\text{C}$ (45°C)
 Cooling method: Air-cooling
 Inlet pressure: 4 ~ 13bar
 Pressure drop: $\leq 0.3\text{bar}$
 Dew point: 2 ~ 10°C
 Refrigerant: R22/R410a/R134a/R407c



Items	Type	DAD-1 HTF	DAD-2 HTF	DAD-3 HTF	DAD-6 HTF	DAD-8 HTF	DAD-10 HTF	DAD-13 HTF	DAD-15 HTF	DAD-20 HT(N)F	DAD-25 HT(N)F	DAD-30 HT(N)F	DAD-40 HT(N)F	DAD-50 HT(N)F	DAD-60 HT(N)F
Capacity (Nm ³ /min)		1.2	2.4	3.8	6.5	8.5	10.7	13.5	18	25	28	33	45	55	65
Voltage(V/Hz)		220/50	220/50	220/50	220/50	220/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50
Compressor power(hp/kw)		1/0.85	1/0.85	1.25/0.9	1.5/1.1	2.5/1.8	3/2.5	3/2.5	3.6/3	5.0/4.0	6.0/4.5	7.5/6.5	10.5/8.8	12/10.2	15/13
Fan power(W)		90	90	140	180	180	2×140	2×140	2×140	4(2)×180	4(2)×220	6(3)×250	6(3)×250	6(3)×450	8(4)×180
Air inlet/outlet pipe diameter		ZG1	ZG1	ZG1.5	ZG1.5	ZG1.5	ZG2	ZG2	DN65	DN80	DN80	DN100	DN100	DN125	DN125
Weight(Kg)		50	80	105	150	160	240	260	310	400	450	780	820	900	1100
Dimensions	L (mm)	630	700	850	880	880	1180	1180	1360	1360	1650	1670	2000	2350	2550
	W (mm)	450	450	500	550	550	670	670	710	710	750	750	950	1050	1100
	H (mm)	640	830	920	1020	1020	1080	1080	1220	1220	1290	1575	1740	1910	1940

Water cooling type

Inlet temperature: $\leq 80^{\circ}\text{C}$ ($\leq 45^{\circ}\text{C}$)
 Cooling method: Water-cooling
 Inlet pressure: 4 ~ 13bar
 Pressure drop: $\leq 0.3\text{bar}$
 Dew point: 2 ~ 10°C
 Cooling water inlet temperature: $\leq 32^{\circ}\text{C}$
 Refrigerant: R22/R410a/R134a/R407c
 Cooling water inlet pressure: 2 ~ 4bar



Items	Type	DAD-10HT (N)W	DAD-20HT (N)W	DAD-30HT (N)W	DAD-40HT (N)W	DAD-50HT (N)W	DAD-60HT (N)W	DAD-80HT (N)W	DAD-100HT (N)W	DAD-150HT (N)W	DAD-200HT (N)W	DAD-300HT (N)W
Capacity(Nm ³ /min)		10.7	25	33	45	55	65	85	110	160	220	300
Voltage(V/Hz)		380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50
Compressor power(hp/kw)		3/2.5	5.0/4.0	7.5/6.1	10.5/8.0	12/9.0	15/11.3	20/16	25/19	36/27	50/38	80/60
Cooling circulating water capacity(m ³ /h)		3.0(1.8)	7.2(3.6)	11.2(5.9)	14.5(7.2)	19.5(9.2)	21.8(10.8)	25.5(12.4)	29.5(14.6)	38(18.6)	48.8(24.4)	72(36)
Air inlet/outlet pipe diameter		ZG2	DN80	DN100	DN100	DN125	DN125	DN150	DN150	DN200	DN200	DN250
Condenser water pipe diameter		ZG1	ZG1.5	ZG1.5	ZG1.5	ZG2	ZG2	ZG2	ZG2	ZG2.5	ZG2.5	ZG3
Weight(Kg)		260	430	860	980	1150	1250	1600	2200	3000	3200	4100
Dimensions	L (mm)	1180	1360	1650	1850	2100	2280	2420	2750	3108	3200	4100
	W (mm)	670	710	950	850	920	1300	1340	1350	1400	1920	4000
	H (mm)	1080	1220	1590	1630	1645	1880	1900	2004	2122	2122	2580

DESICCANT AIR DRYER

Features and advantages



- The control system uses single-chip microcomputer program for automatic control, performance stable and reliable (PLC control can optional);
- With the valve switch automatic display function, friendly interface, Simple operation, easy routine maintenance;
- Automatic alarm system, intake air temperature too high alarm, the intake pressure too low alarm, the heating temperature alarm (micro heat regeneration type);
- According to the actual load and temperature, adjustable gas consumption proportion, to save gas consumption;
- Can choose cycle switch time, meet the requirements of dew point of the products.



- Imported electromagnetic valve performance is reliable, modular design, and with motion indication, simple maintenance.
- Pneumatic dust filter, prevent dust from entering the pneumatic control components, lower valve failure rate.



- The new muffler sound-absorbing glass with high temperature ultra-fine cotton and combined with the imported special treatment silencer filter and other material, the regeneration noise ≤ 72 dB (A).



- Compared with other electromagnetic control valve, pneumatic control valve's lifetime longer, to ensure long-term stable operation of the dryer.



- Stainless steel material diffuser, has stability, diffusion, filtering, and other functions of the airflow



· High quality adsorbent



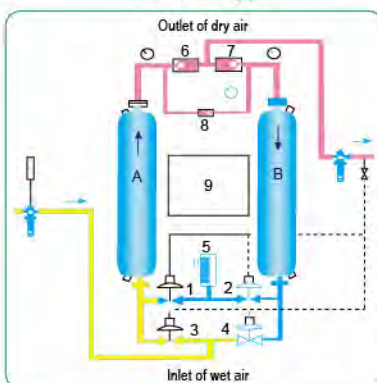
· Reliable performance no return valve



· Quality and efficient heater (use for heated purge desiccant air dryer)

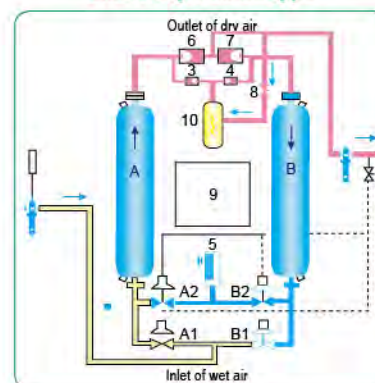
Flow chart

Heatless type



- A, B: Absorb tower
 1, 2, 3, 4: Switch valve
 5: Silencer
 6, 7: Check valve
 8: Throttle
 9: Program controller

Externally Heated type



- A, B : Absorb tower
 A1, A2, B1, B2: Switch valve
 5: Silencer
 3, 4, 6, 7: Check valve
 8: Throttle
 9: Program controller
 10: Heating element

Desiccant heatless type

Purge air: ≤12 ~ 15%
 Working pressure: 6 ~ 10bar
 Inlet oil content: ≤0.01ppm
 Pressure dew point: -20 °C ~ -40 °C

Desiccant: Activated aluminum or Molecular sieze
 Working periods: T= 4 ~ 20 Minutes
 Inlet temperature: 0 °C ~ 45 °C



Type	Items	Capacity (Nm ³ /min)	Air inlet/outlet pipe diameter	Dimensions(mm)			Weight(kg)
				L	W	H	
DAD-1WXF		1.2	ZG1	800	400	1376	120
DAD-2WXF		2.4	ZG1	800	400	1476	180
DAD-3WXF		3.8	ZG1.5	1000	450	1600	270
DAD-5WXF		5.5	ZG1.5	1000	450	1890	300
DAD-6WXF		6.5	ZG1.5	1200	500	1950	400
DAD-8WXF		8.5	ZG1.5	1400	600	2000	510
DAD-10WXF		10.7	ZG2	1400	600	2090	700
DAD-13WXF		13.5	ZG2	1400	600	2140	740
DAD-15WXF		18	DN65	1400	600	2200	780
DAD-20WXF		25	DN80	1670	650	2435	1180
DAD-30WXF		35	DN100	1670	650	2566	1760
DAD-40WXF		45	DN100	1750	750	2700	2200
DAD-50WXF		55	DN125	1800	750	2755	2600
DAD-60WXF		65	DN125	1900	700	3070	3100
DAD-80WXF		85	DN150	2620	1120	3070	4100
DAD-100WXF		110	DN150	3100	1650	3200	5200
DAD-160WXF		160	DN200	3240	1770	3190	6000

Externally heated type

Purge air: ≤4 ~ 6%
 Working pressure: 4 ~ 10bar
 Inlet oil content: ≤0.01ppm
 Pressure dew point: -20 °C ~ -70 °C

Desiccant: Activated aluminum or Molecular sieze
 Working periods: T= 60 ~ 180 Minutes
 Inlet temperature: 0 °C ~ 45 °C



Type	Items	Capacity (Nm ³ /min)	Heater power (kw)	Air inlet/outlet pipe diameter	Dimensions(mm)			Weight(kg)
					L	W	H	
DAD-1MXF		1.2	1.5	ZG1	800	480	1420	145
DAD-2MXF		2.4	1.5	ZG1	800	480	1520	200
DAD-3MXF		3.8	1.5	ZG1.5	1000	525	1600	330
DAD-5MXF		5.5	1.5	ZG1.5	1000	525	1890	350
DAD-6MXF		6.5	3	ZG1.5	1200	550	1950	430
DAD-8MXF		8.5	3	ZG1.5	1400	600	2000	550
DAD-10MXF		10.7	4.5	ZG2	1400	600	2090	750
DAD-13MXF		13.5	4.5	ZG2	1400	600	2140	790
DAD-15MXF		18	4.5	DN65	1400	650	2200	830
DAD-20MXF		25	6	DN80	1670	725	2435	1250
DAD-30MXF		35	8	DN100	1670	725	2566	1480
DAD-40MXF		45	8	DN100	1750	775	2700	1740
DAD-50MXF		55	15	DN125	1800	775	2755	2260
DAD-60MXF		65	15	DN125	1900	800	3070	2600
DAD-80MXF		85	20	DN150	2620	1120	3073	3380
DAD-100MXF		110	30	DN150	3100	1650	3200	4390
DAD-160MXF		160	50	DN200	3240	1770	3190	5800

COMBINED TYPE AIR DRYER

Refrigerated dryer + Desiccant dryer

Inlet pressure: 6 ~ 10bar
 Pressure dew point: -40°C ~ -70°C
 Cooling Water temperature: ≤32°C
 Inlet temperature: ≤45°C
 Purge air: ≤3~5%
 Pressure drop: ≤0.8bar



Type	Items	Capacity (Nm ³ /min)	Circulating cooling water capacity (m ³ /h)	Air inlet/outlet pipe diameter	Dimensions(mm)			Weight(kg)
					L	W	H	
	DAD-1MZ *	1.2		ZG1	1020	710	1380	350
	DAD-2MZ *	2.4		ZG1	1020	710	1480	450
	DAD-3MZ *	3.8		ZG1.5	1100	980	1810	500
	DAD-6MZ *	6.5		ZG1.5	1400	1050	1950	710
	DAD-10MZ *	10.7	1.8	ZG2	1550	1350	2090	1100
	DAD-13MZ *	13.5	1.8	ZG2	1570	1380	2140	1200
	DAD-15MZ *	18	3	DN65	1600	1420	2145	1300
	DAD-20MZ *	25	3.6	DN80	1750	1400	2410	1800
	DAD-30MZ *	35	5.9	DN100	2100	1680	2600	2700
	DAD-40MZ *	45	7.2	DN100	2290	1800	2710	3300
	DAD-50MZ *	55	9.2	DN125	2430	1950	2755	3400
	DAD-60MZ *	65	10.8	DN125	2490	2180	3070	3800

OIL REMOVER

Inlet pressure: 2 ~ 10bar
 Inlet temperature: ≤5°C ~ 80°C
 Initial pressure drop: ≤0.05bar

Filter route: 5μm
 Water removal rate: ≥99%
 Outlet air oil content: ≤0.01ppm

Type	Items	SFU-1	SFU-2	SFU-3	SFU-6	SFU-10	SFU-13	SFU-15	SFU-20	SFU-30	SFU-40	SFU-60
	Capacity(Nm ³ /min)	1.2	2.4	3.8	6.5	10.7	13.5	17	25	33	45	65
	Air inlet/outlet pipe diameter	ZG1	ZG1	ZG1.5	ZG1.5	ZG2	ZG2	DN65	DN80	DN100	DN100	DN125
	Weight(kg)	24	27	30	35	65	75	90	105	136	150	182
Dimensions	Diameter(mm)	133	133	133	133	159	159	159	159	273	325	412
	Height(mm)	845	845	845	1030	1265	1139	1139	1630	1846	1990	2242

COMPRESSED AIR FILTERS

Liquid separator filter (C): 3 micro, 5ppm
 Particulate filter (T): 1micro, 1ppm
 Oil removal filter (A): 0.01micro, 0.01ppm
 Oil removal extra fine filter (AA): 0.01micro, 0.001ppm
 Vapor filter (H): 0.01micro, 0.001ppm



Items	Model	Capacity (Nm ³ /min)	Air intake pipe diameter	Dimensions(mm)			Weight(kg)
				L	W	H	
C. T. A. AA. H-001		1.2	ZG1	105	76	250	2
C. T. A. AA. H-002		2.4	ZG1	105	78	310	3
C. T. A. AA. H-003		3.8	ZG1.5	137	99	400	4
C. T. A. AA. H-006		6.5	ZG1.5	137	99	425	5
C. T. A. AA. H-008		8	ZG1.5	137	99	620	5
C. T. A. AA. H-010		10.7	ZG2	137	99	620	5
C. T. A. AA. H-010		10.7	DN50	310	133	860	25
C. T. A. AA. H-013		14	ZG2	135	108	750	10
C. T. A. AA. H-013		14	DN50	310	133	860	25
C. T. A. AA. H-015		18	ZG2.5	148	125	920	13
C. T. A. AA. H-015		18	DN65	310	133	860	25
C. T. A. AA. H-020		22	ZG2.5	148	125	920	14
C. T. A. AA. H-020		25	DN80	379	159	1040	44
C. T. A. AA. H-025		28	DN80	379	159	1090	46
C. T. A. AA. H-030		35	DN100	465	219	1060	65
C. T. A. AA. H-040		45	DN100	470	219	1060	68
C. T. A. AA. H-054		54	DN125	513	273	1215	96
C. T. A. AA. H-066		60	DN125	513	273	1215	96
C. T. A. AA. H-088		88	DN150	615	325	1395	140
C. T. A. AA. H-110		110	DN150	615	377	1300	145
C. T. A. AA. H-132		132	DN150	615	416	1395	210
C. T. A. AA. H-150		150	DN200	615	462	1470	220
C. T. A. AA. H-180		180	DN200	615	462	1470	235
C. T. A. AA. H-200		200	DN200	615	516	1504	240
C. T. A. AA. H-230		230	DN200	615	466	1395	265
C. T. A. AA. H-250		250	DN250	870	566	1710	274
C. T. A. AA. H-300		300	DN250	920	616	1717	312
C. T. A. AA. H-350		350	DN300	970	666	1835	371
C. T. A. AA. H-400		400	DN300	1070	766	1915	427
C. T. A. AA. H-450		450	DN350	1070	766	1915	427
C. T. A. AA. H-500		500	DN350	1070	766	1915	427
C. T. A. AA. H-550		550	DN400	1116	816	2000	493
C. T. A. AA. H-600		600	DN400	1116	816	2000	493

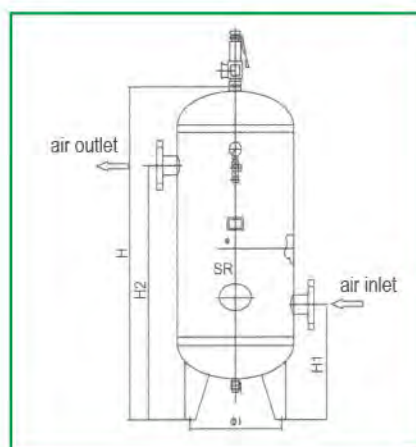
AIR RECEIVER TANK

0.3 ~ 10 m³ @ 8 ~16 bar(e)

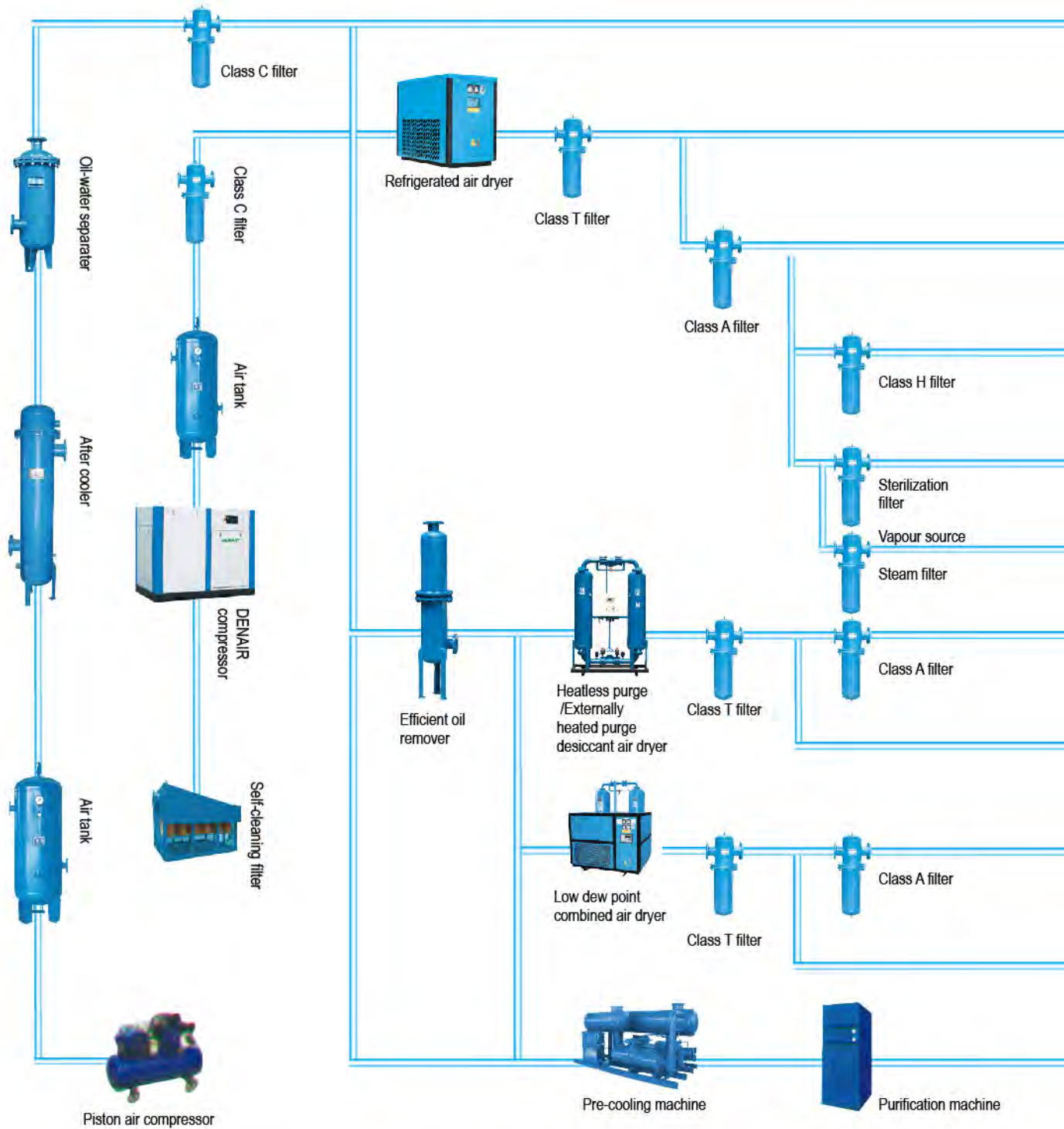
No.	Capacity(m ³)/ Pressure(Mpa)	Designed temperature	Height H1	Diameter Φ	Air inlet			Air outlet			Support		Safety valve nozzle	Drain valve nozzle
					H2	DN	Screw thread type	H3	DN	Screw thread type	D	d		
1	0.3/0.8		1594		642			1242						
2	0.3/1.0		1594		642			1242						
3	0.3/1.3		1598	550	644	50	Rp11/2	1244	50	Rp11/2	400	20	Rp3/4	R1/2
4	0.3/1.6		1598		644			1244						
5	0.6/0.8		1905		680			1550						
6	0.6/1.0		1907		681			1551						
7	0.6/1.3		1909	700	682	65	Rp11/2	1552	65	Rp11/2	490	24	Rp3/4	R1/2
8	0.6/1.6		1907		681			1551						
9	1.0/0.8		2305		690			1920						
10	1.0/1.0		2307		691			1921						
11	1.0/1.3		2305	800	690	65	Rp11/2	1920	65	Rp11/2	560	24	Rp1	R1/2
12	1.0/1.6		2307		691			1921						
13	1.5/0.8		2265		760			1810						
14	1.5/1.0		2265	1000	760	65	Rp2	1810	65	Rp2	700	24	Rp1	R1/2
15	1.5/1.3		2267		761			1811						
16	1.5/1.6		2566	900	753	65	Rp2	2118	65	Rp2	630	24	Rp1	R1/2
17	2.0/0.8		2780		760			2320						
18	2.0/1.0		2780		760			2320						
19	2.0/1.3		2782	1000	761	80	Rp2	2321	80	Rp2	700	24	Rp11/2	R1/2
20	2.0/1.6		2786		763			2323						
21	2.5/0.8		3300		760			2840						
22	2.5/1.0		3300	1000	760	80	Rp2	2840	80	Rp2	700	24	Rp11/2	R1/2
23	2.5/1.3		3302		761			2841						
24	2.5/1.6		2836	1100	788	80	Rp2	2348	80	Rp2	770	24	Rp11/2	R1/2
25	3.0/0.8		2920		850			2410						
26	3.0/1.0		2922		851			2411						
27	3.0/1.3		2926	1200	853	80	Rp2	2413	80	Rp2	906	24	Rp11/2	R3/4
28	3.0/1.6		2926		853			2413						
29	4.0/0.8		3030		910			2470						
30	4.0/1.0		3032		911			2471						
31	4.0/1.3		3036	1400	913	100	Rp2	2473	100	Rp2	1050	24	Rp11/2	R3/4
32	4.0/1.6		3040		915			2475						
33	5.0/0.8		3700		910			2990						
34	5.0/1.0		3702		911			2991						
35	5.0/1.3		3726	1400	913	100	Rp2	3013	100	Rp2	1050	24	Rp2	R3/4
36	5.0/1.6	110	3730		915			3015						
37	6.0/0.8		4330		910		DN	3620		DN				
38	6.0/1.0		4332		911			3621						
39	6.0/1.3		4346	2000	913	125		3633	125		1050	24	Rp2	R3/4
40	6.0/1.6		4350		915			3635						
41	8.0/0.8		3154		1082			2362						
42	8.0/1.0		3156	2000	1083	125		2363	125		1500	32	Rp2	R3/4
43	8.0/1.3		3190		1100			2380						
44	8.0/1.6		3194		1102			2382						
45	10.0/0.8		3754		1082			2962						
46	10.0/1.0		3756		1083			2963						
47	10.0/1.3		3790	2000	1100	150		2980	150		1500	32	Rp11/2	R3/4
48	10.0/1.6		3794		1102			2982						
49	12/0.8		4354		1082			3562						
50	12/1.0		4356		1083			3563						
51	12/1.3		4390	2000	1100	150		3580	150		1500	32	Rp11/2	R3/4
52	12/1.6		4394		1102			3582						
53	15.0/0.8		4351		1208			3618						
54	15.0/1.0		4533		1209			3619						
55	15.0/1.3		4569	2200	1227	150		3637	150		1650	32	Rp11/2	R1
56	15.0/1.6		4573		1229			3639						
57	20.0/0.8		5246		1348			4168						
58	20.0/1.0		5250		1350			4170						
59	20.0/1.3		5254	2400	1352	200		4172	200		1800	32	Rp11/2	R1
60	20.0/1.6		5258		1354			4174						
61	25.0/0.8		6146		1348			5068						
62	25.0/1.0		6150		1350			5070						
63	25.0/1.3		6154	2400	1352	200		5072	200		1800	32	Rp3	R1
64	25.0/1.6		6158		1354			5074						
65	30.0/0.8		6706		1373			5603						
66	30.0/1.0		6710		1375			5605						
67	30.0/1.3		6718	2500	1379	200		5609	200		1875	36	Rp3	R1
68	30.0/1.6		6722		1381			5611						
69	40.0/0.8		8676		1373			7413						
70	40.0/1.0		8680	2500	1375	200		7415	200		1875	36	Rp3	R1
71	40.0/1.3		8688		1379			7419						

0.3 ~ 10 m³ @ 25 ~40 bar(e)

No.	Capacity(m ³)/ Pressure(Mpa)	Designed temperature	Height	Diameter	Air inlet			Air outlet			Support		Safety valve nozzle	Drain valve nozzle
					H2	DN	Screw thread type	H3	DN	Screw thread type	D	d		
1	0.3/2.5		1476		658			1058						
2	0.3/3.0	110	1476	600	658		Rp11/2	1058		Rp11/2	420	20	Rp13/4	R1/2
3	0.3/4.0		1480		660			1060						
6	0.6/2.5		1866		683			1498						
7	0.6/3.0	110	1870	700	685		Rp11/2	1500		Rp11/2	490	24	Rp13/4	R1/2
8	0.6/4.0		1874		687			1502						
9	1.0/2.5		2311		693			1903						
10	1.0/3.0	110	2315	800	695	65	Rp11/2	1905	65	Rp11/2	560	24	Rp1	R1/2
11	1.0/4.0		2319		697			1907						
13	1.5/2.5		2745		740			2300						
14	1.5/3.0	110	2749	900	742	65	Rp2	2302	65	Rp2	630	24	Rp1	R1/2
15	1.5/4.0		2753		744			2304						
17	2.0/2.5		2800		765			2325						
18	2.0/3.0	110	2804	1000	767	80	Rp2	2327	80	Rp2	700	24	Rp11/4	R1/2
19	2.0/4.0		2812		771			2331						
21	2.5/2.5		2854		792			2352						
22	2.5/3.0	110	2858	1100	794	80		2354	80		770	24	Rp11/4	R1/2
23	2.5/4.0		2866		798			2358						
25	3.0/2.5		2944		857			2417						
26	3.0/3.0	110	2948	1200	859	80		2419	80		906	24	Rp11/2	R3/4
27	3.0/4.0		2960		865			2425						
29	4.0/2.5		3058		919			2479						
30	4.0/3.0	110	3062	1400	921	100		2481	100		1050	24	Rp11/2	R3/4
33	5.0/2.5		3788		919			3019						
34	5.0/3.0	110	3792	1400	921	100		3021	100		1050	24	DN50	R3/4
35	6.0/2.5		4418		939			3659						
36	6.0/3.0	110	4422	1400	941	125		3661	125		1050	24	DN50	R3/4
35	8.0/2.5		3230		1095			2375						
36	8.0/3.0	110	3234	2000	1097	125		2377	125		1500	24	DN50	R3/4
35	10.0/2.5	110	3830	2000	1095	150		3005	150		1500	32	DN65	R3/4



Flow Chart of Compressed Air Purifying System



Note: the above chart for reference only, it can be adjusted according to the actual conditions.

removed moisture:99% oil content:5ppm dusty particle diameter:<3um	air tools、 pneumatic chuck、 general clean air gun
atmospheric dew point:-23 C oil content: 1ppm dusty particle diameter:<1um	pneumatic machinery、 electroplating spray painting and other process that needs compressed air
atmospheric dew point:-23 C oil content:0.01ppm dusty particle diameter:<0.01um	advanced spraying、 pneumatic transmission、 pneumatic bearing、 gauges
atmospheric dew point:-23 C oil content:0.003ppm dusty particle diameter:<0.01um	pharmacy、 food、 industry、 breathing air、 deodorization 、 degerming
atmospheric dew point:-23 C oil content:0.01ppm dusty particle diameter:<0.01um	dairy product、 dental instruments、 biological engineering、 food processing、 pharmaceuticals industry
pressure dew point: 20-70 C oil content:0.01ppm dusty particle diameter:<0.01um	electricity power、 chemical engineering、 precision machinery
pressure dew point: 20-70 C oil content:0.01ppm dusty particle diameter:<0.5um	pneumatic instrument、 textile and chemical fiber、 environmental protection industry
pressure dew point:-40-70 C oil content:0.01ppm dusty particle diameter:<0.01um	rubber sheet、 electronic components air drying
pressure dew point:-40-70 C oil content:0.01ppm dusty particle diameter:<1um	biological engineering、 advanced spraying、 electronic industry
	oxygen production、 ammonia production industry