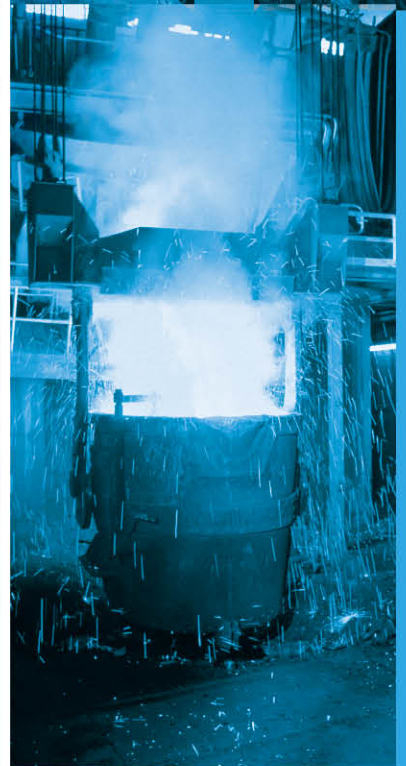


DENAIR®

Compressed Air Treatment Equipment

Air dryer, Air filter, Oil remover,
Air receiver tank



Energy Saving First Mutual Value Shared

Compressed Air Treatment Equipment

High(Normal)inlet temperature Air-cooling Refrigerated Air Dryer

- Inlet temperature: $\leq 80^{\circ}\text{C}(45^{\circ}\text{C})$
- Cooling method: Air-cooling
- Inlet pressure: 0.4-1.3Mpa
- Pressure drop: $\leq 0.03\text{Mpa}$
- Dew point: $2\sim 10^{\circ}\text{C}$
- Refrigerant: R22



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	1.25/1.25	1.5/1.5	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

High(Normal) inlet temperature Water-cooling Refrigerated Air Dryer

- Inlet temperature: $\leq 80^{\circ}\text{C}(\leq 45^{\circ}\text{C})$
- Cooling method: Water-cooling
- Inlet pressure: 0.4 ~ 1.3Mpa
- Pressure drop: $\leq 0.03\text{Mpa}$
- Dew point: $2\sim 10^{\circ}\text{C}$
- Cooling water inlet temperature: $\leq 32^{\circ}\text{C}$
- Refrigerant: R22
- Cooling water inlet pressure: 0.2 ~ 0.4Mpa



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

Compressed Air Treatment Equipment

Heatless Purge Desiccant Air Dryer

- Purge air: $\leq 12 \sim 15\%$
- Working pressure: $0.6 \sim 1.0\text{Mpa}$
- Inlet oil content: $\leq 0.01\text{ppm}$
- Pressure dew point: $-20^{\circ}\text{C} \sim -40^{\circ}\text{C}$
- Desiccant: Activated aluminum or Molecular sieze
- Working periods: $T = 4 \sim 20$ Minutes
- Inlet temperature: $0^{\circ}\text{C} \sim 45^{\circ}\text{C}$



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 Purge Desiccant Air Dryer

- Purge air: $\leq 4 \sim 6\%$
- Working pressure: $0.4 \sim 1.0\text{Mpa}$
- Inlet oil content: $\leq 0.01\text{ppm}$
- Pressure dew point: $-20^{\circ}\text{C} \sim -70^{\circ}\text{C}$
- Desiccant: Activated aluminum or molecular sieze
- Working periods: $T = 60 \sim 180$ Minutes
- Inlet temperature: $0^{\circ}\text{C} \sim 45^{\circ}\text{C}$



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 Low Dew Point Air Dryer

- Inlet pressure: 0.6 ~ 1.0Mpa
- pressure dew point: -40°C ~ -70°C
- Cooling Water temperature: ≤ 32°C
- Inlet temperature: ≤ 45°C
- Purge air: ≤ 3~5%
- Pressure drop: ≤ 0.08Mpa



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	3.0	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

High-Performance Oil Remover

- Inlet pressure : 0.2 ~ 1.0Mpa
- Inlet temperature : ≤ 5°C ~ 80°C
- Initial pressure drop : ≤ 0.005Mpa
- 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 Treatment Equipment

Air Filter Technical Parameters

Items	Model	Capacity (Nm ³ /min)	Air intake pipe diameter	Dimensions(mm)			Weight (kg)
				L	D	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

1. Choose equipped with code:

- (1). Automatic drainer inject model with D
- (2). Differential pressure indicator model with G
- (3). Differential pressure indicator model with P
- (4). Stainless steel shell model with B
- (5). Pressure > 1.6 MPa, please indicate the requirements of the pressure, Models with H, such as 3 mpa, 1.2m³/min, model is CH001/30

2. Filter replacement:

C/T/A level filters should be 6000 hours per year or pressure indicator is located on or within the red zone (Pressure drop of about 0.07MPa) replaced; H grade activated carbon filters shall be at 1000 hours, or smell the odor replaced, in order to ensure that the filter effect is good; Under abnormal situation, not for the quality of life guarantee range.

3. The inlet temperature:

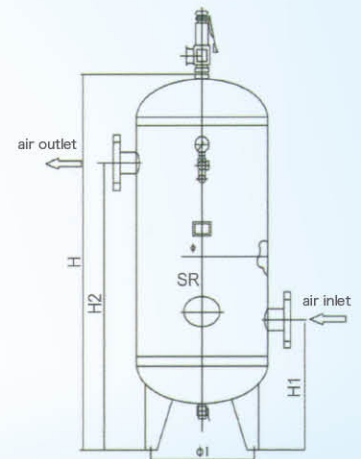
≤80 °C

4. The large specifications and special requirements filters accept request order.

Compressed Air Storage Tank

0.3~10m³@8~16Bar(e)

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



Compressed Air Treatment Equipment

Compressed Air Storage Tank

0.3~10m³@25~40Bar(e)

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