



Green Air Compressors



Reliability, Highly efficiency,
Energy conservation,
Environmental protection



GREEN AIR COMPRESSORS



ONE STAGE OIL LESS ROTARY SCREW AIR COMPRESSORS

GAC7 - GAC90

Model	Capacity		Working pressure	Motor power	Weight (Approx.)	Dimension	Size of Outlet
	m ³ /min	cfm	BAR(e)	KW/HP	Kg	mm	
GAC7	1.20	42.4	8.0	7.5/10	300	1000*700*1220	G 1/4"
	1.00	35.3	10				
	0.80	28.3	13				
GAC11	2.00	70.6	8.0	11/15	350	1200*750*1400	G 1/4"
	1.80	63.6	10				
	1.60	56.5	13				
GAC15	2.88	101.7	8.0	15/20	600	1250*750*1400	G 1/4"
	2.41	85.1	10				
	2.02	71.3	13				
GAC22	3.97	140.2	8.0	22/30	650	1250*750*1400	G 1"
	3.43	121.1	10				
	3.02	106.7	13				
GAC30	5.20	183.6	8.0	30/40	850	1650*850*1650	G 1 1/2"
	4.72	166.7	10				
	4.29	151.5	13				
GAC37	6.70	236.6	8.0	37/50	950	1650*850*1650	G 1 1/2"
	6.08	214.7	10				
	4.88	172.3	13				
GAC45	8.24	291.0	8.0	45/60	1250	1650*850*1650	G 1 1/2"
	7.40	261.3	10				
	6.20	219.0	13				
GAC55	10.52	371.5	8.0	55/75	1550	1850*1050*1800	G 2"
	8.90	314.3	10				
	8.00	282.5	13				
GAC75	14.36	507.1	8.0	75/100	1750	2050*1050*1850	G 2"
	12.02	424.5	10				
	10.34	365.2	13				
GAC90	16.20	572.1	8.0	90/125	2050	2050*1050*1850	G 2"
	14.52	512.8	10				
	12.60	445.0	13				

GREEN AIR COMPRESSORS



ONE STAGE OIL LESS ROTARY SCREW AIR COMPRESSORS						
GAC110 - GAC355						
Model	Capacity		Working pressure	Motor power		Weight (Approx.)
	m ³ /min	cfm	bar(e)	KW	HP	Kg
GAC110	22.0	776.9	8.0	110	150	2515
	19.1	674.5	10			
	15.5	547.4	13			
GAC132	26.0	918.2	8.0	132	175	3025
	22.0	776.9	10			
	18.8	663.9	13			
GAC160	30.3	1070.0	8.0	160	215	3225
	26.6	939.4	10			
	22.5	794.6	13			
GAC200	38.0	1342.0	8.0	270	200	4727
	36.0	1271.3	10			
	28.1	992.3	13			
GAC250	45.7	1613.9	8.0	250	335	5017
	39.8	1405.5	10			
	33.0	1165.4	13			
GAC315	56.0	1977.6	8.0	315	430	6625
	50.8	1794.0	10			
	45.7	1613.9	13			
GAC355	65.5	2313.1	8.0	355	485	7600
	55.2	1949.4	10			
	49.6	1751.6	13			



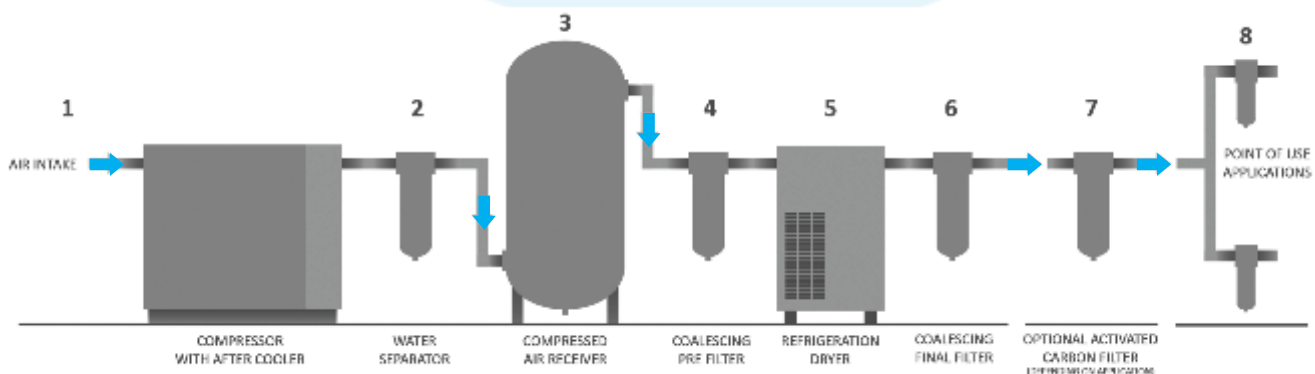
GREEN AIR COMPRESSORS



ONE-STAGE VARIABLE SPEED OIL LESS ROTARY SCREW AIR COMPRESSOR

GAC VSD SERIES

Model	Capacity		Working Pressure	Motor Power		Weight (Approx.)	Size of Outlet
	m ³ /min	cfm	Bar	KW	HP	Kg	
GAC7VSD	0.3-1.2	42.4	13	7	10	450	G3/4"
GAC11VSD	0.3-2.0	70.6	13	11	15	550	G 1/4"
GAC15VSD	0.5-2.8	98.9	13	15	20	650	G1"
GAC22VSD	0.7-4.02	142.0	13	22	30	750	G1"
GAC30VSD	1.16-5.5	194.2	13	30	40	950	G1"
GAC37VSD	1.54-6.70	236.6	13	37	50	1250	G1 1/2"
GAC45VSD	1.54-8.04	283.9	13	45	60	1450	G1 1/2"
GAC55VSD	1.54-10.5	370.8	13	55	75	1650	G2"
GAC75VSD	2.52-15.0	529.7	13	75	100	1950	G2"
GAC90VSD	2.52-16.5	582.7	13	90	125	2350	G2"
GAC110VSD	3.77-22.0	776.9	13	110	150	2615	G3"
GAC132VSD	3.77-26.0	918.2	13	132	175	3125	G3"
GAC160VSD	4.0-30.3	1070.0	13	160	215	3425	G4"
GAC200VSD	10.0-38.0	1342.0	13	200	270	4827	G4"
GAC250VSD	10.0-45.7	1613.9	13	250	335	5117	G4"



GREEN AIR COMPRESSORS



TWO-STAGE ROTARY SCREW AIR COMPRESSOR							
GAC-D SERIES							
Model	Capacity		Working pressure	Motor power	Weight (Kg)	Dimension	Size of Outlet
	m ³ /min	cfm	bar	kW/HP	(Approx.)	mm	
GAC22-D	4.15	146.6	8.0	22/30	780	1300*750*1400	G1"
	3.50	123.6	10.0				
	3.20	113.0	13.0				
GAC30-D	6.40	226.0	8.0	30/40	980	1650*850*1650	G1
	4.90	173.0	10.0				
	4.20	148.3	13.0				
GAC37-D	7.25	256.0	8.0	37/50	1080	1650*850*1650	G1
	6.30	222.5	10.0				
	5.40	190.7	13.0				
GAC45-D	9.70	342.6	8.0	45/60	1550	1650*850*1650	G1
	7.80	275.5	10.0				
	6.50	229.5	13.0				
GAC55-D	12.50	441.4	8.0	55/75	2180	1850*1050*1800	G2"
	9.60	339.0	10.0				
	8.60	303.7	13.0				
GAC75-D	16.50	582.7	8.0	75/100	2280	2050*1050*1850	G2"
	12.50	441.4	10.0				
	11.20	395.5	13.0				
GAC90-D	20.50	723.9	8.0	90/125	3200	2050*1050*1850	G2"
	16.90	596.8	10.0				
	14.30	505.0	13.0				
GAC110-D	24.50	865.2	8.0	110/150	3360	2600*1660*1880	DN65
	19.70	695.7	10.0				
	17.60	621.5	13.0				
GAC132-D	28.00	988.8	8.0	132/175	3450	2600*1660*1880	DN80
	23.50	829.9	10.0				
	19.80	699.2	13.0				
GAD160-D	33.60	1186.6	8.0	160/215	3850	2880*1780*2000	DN80
	30.00	1059.4	10.0				
	23.80	840.5	13.0				
GAD200-D	43.00	1518.5	8.0	200/270	5890	3200*1780*2000	DN80
	38.50	1359.6	10.0				
	32.80	1158.3	13.0				
GAD250-D	54.00	1907.0	8.0	250/335	6800	3400*2120*2200	DN100
	46.00	1624.5	10.0				
	40.00	1412.6	13.0				
GAC315-D	67.50	2383.7	8.0	315/430	7800	3850*2050*2120	DN125
	61.00	2154.2	10.0				
	58.59	2069.1	13.0				
GAC315-D	69.20	2443.8	8.0	355/485	8600	3850*2050*2120	DN125
	63.34	2236.8	10.0				
	60.61	2140.4	13.0				



HIGH VOLUME LOW PRESSURE ENERGY SAVING SCREW AIR COMPRESSOR

THE SMART CHOICE FOR TEXTILE INDUSTRY

Model	KW	Capacity (m ³ /min)	Pressure (BAR)	Dimension (mm)	Weight (KG)	Size
GAC22-LP	22	5.6	3.5-5.5	1610*1050*1380	1100	DN40
GAC30-LP	30	7.7	3.5-5.5	2020*1290*1600	1200	DN50
GAC37-LP	37	9.5	3.5-5.5	2020*1290*1600	2000	DN50
GAC45-LP	45	11.25	3.5-5.5	2285*1500*1710	2100	DN50
GAC55-LP	55	14.5	3.5-5.5	2400*1650*1700	2700	DN80
GAC75-LP	75	19.5	3.5-5.5	2400*1650*1700	3000	DN80
GAC90-LP	90	23	3.5-5.5	2900*1850*1950	3570	DN100
GAC110-LP	110	27.5	3.5-5.5	2900*1850*1950	3650	DN100
GAC132-LP	132	35	3.5-5.5	3000*2050*2100	4300	DN125
GAC160-LP	160	40	3.5-5.5	3000*2050*2100	4500	DN125
GAC185-LP	185	47	3.5-5.5	3300*2200*2250	5500	DN150
GAC200-LP	200	50	3.5-5.5	3300*2200*2250	5800	DN150
GAC250-LP	250	63	3.5-5.5	3580*2200*2300	6500	DN200



Designed Especially
for Textile Industry



High Air Flow



Low Pressure



Huge Energy Saving



Stable Air Supply



Reduced Operating Cost



Long Life & Reliability



ENERGY
SAVING



HIGH
EFFICIENCY



LOW
NOISE



RELIABLE
PERFORMANCE



24/7
OPERATION

GREEN AIR COMPRESSORS



TECHNICAL SPECIFICATION FOR GAD SERIES ENERGY SAVING REFRIGERATION AIR DRYER

Model	Capacity (Nm ³ /min)	Voltage (V/Hz)	Power (KW)	Inlet/Outlet	Dimension (H*W*D)
GAD-10A	1.5	220/50	0.5	RC1"	780*480*450
GAD-20A	2.5	220/50	0.66	RC1"	990*590*500
GAD-30A	3.8	220/50	0.9	RC1"	990*520*440
GAD-50A	6.5	220/50	1.3	RC1-1/2"	990*520*440
GAD-75A	10.5	220/50	2.1	RC2"	1230*690*470
GAD-100A	13.5	220/50	2.3	RC2"	1230*690*470
GAD-120A	17	220/50	2.8	RC2-1/2"	1440*1170*550
GAD-150A	21.5	380/50	3	RC2-1/2"	1440*1170*550
GAD-180A	25	380/50	3.2	DN80	1510*1170*600
GAD-200A	28.5	380/50	3.5	DN80	1510*1170*600
GAD-250A	32	380/50	4	DN80	1510*1500*750
GAD-300A	37	380/50	4.5	DN80	1510*1500*750
GAD-400A	45	380/50	5.8	DN100	1580*1600*750
GAD-500A	55	380/50	6.5	DN100	1750*1600*1000
GAD-600A	65	380/50	7.5	DN125	1750*1600*1000
GAD-700A	75	380/50	8.8	DN125	1750*1750*1000
GAD-800A	85	380/50	10.2	DN125	1750*1750*1000
GAD-1000A	100	380/50	13.5	DN150	1850*2000*1100
GAD-1200A	120	380/50	15.8	DN150	1850*2000*1200



1. Environmentally Friendly

R134a, R410a, R407c, etc.
Environmental protection refrigerant.



2. Condenser

Full vacuum brazing microchannel condenser;
Cooling large area.



3. Jorc Electronic Drainer

Condensate in compressed air system Discharge
Time and interval time can be adjusted
according to different needs.



4. Expansion Valve

Brand electronic expansion valve and
electronic bypass valve; Accurately
control the cooling capacity.



5. Integrated Heat Exchanger

3 in 1 integrated heat exchanger; Aluminum
ally plate type; Saving energy and efficiency.



6. Cooling Fan

MaEr external rotor cooling fan; Large cooling
air volume; Low noise and stable reation.



7. Control Components

Use danfoss, emerson, sporlan, f
enshen brand components, s
reliable stable in performance.



8. System Protection

High and low voltage protection of
refrigerant system;
phase sequence protection
and built-in overload.



9. Compressor

Panasonic, Danfoss etc compressors;
strong and continuous;
long-term work capacity.



10. Oil Filled Manometer

Well sealed; good pressure resistance;
good corrosion resistance.

GAD SERIES ENERGY SAVING REFRIGERATION AIR DRYER

Energy conservation

- 30% energy saving than shell and tube type; Lower pressure drop, about 0.015Mpa

Environmentally friendly

- No secondary pollution to compressed air, widely used in the field of medicine and food.
- PD series adopt environmental refrigerant.

Durable

- The anti-rust plate heat exchanger makes the whole machine a long service life and it solves the problems such as frequent cleaning of the drainage device.

Stable

- Thorough protection ensures the safe operation of the unit.

Low dew point

- Pressure dew point 2-10 °C

GREEN AIR COMPRESSORS



TECHNICAL SPECIFICATION FOR COMBINED ADSORPTION DRYER

Model	Air flow (Nm ³ /min)	Voltage (V/Hz)	Weight (KG)	Interface	Dimension (L*W*H)
GAD-10NX	1.5	220/50	35	G1"	460*300*752
GAD-20NX	2.5	220/50	60	G1"	460*300*1246
GAD-30NX	3.8	220/50	70	G1"	460*300*1546
GAD-50NX	6.5	220/50	190	G 1-1/2"	400*778*1735
GAD-75NX	10.5	220/50	285	G2"	400*952*1735
GAD-100NX	13.5	220/50	375	G 2-1/2"	400*1126*1735
GAD-120NX	17.0	220/50	470	G 2-1/2"	400*1300*1735
GAD-150NX	21.5	220/50	565	G 2-1/2"	400*1474*1735
GAD-180NX	25.0	220/50	660	G 2-1/2"	400*1648*1735
GAD-200NX	28.5	220/50	755	G 2-1/2"	762*1126*1760
GAD-300NX	37.0	220/50	940	DN100	762*1300*1760
GAD-350NX	41.5	220/50	1130	DN100	762*1747*1760
GAD-450NX	50.0	220/50	1320	DN100	762*1648*1760
GAD-500NX	55.0	220/50	1510	DN125	762*1884*1760



1. High Quality Manometer

Well sealed;
Good pressure resistance;
Good corrosion resistance.



2. Absorbent

Stable performance;
Low pressure;
Dew point.



3. PLC Control System

Mitsubishi high quality PLC control system;
High intelligent central control system;
Stable operation.



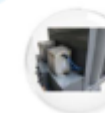
4. Mufflers

Built-in sound insulation glass wool;
Lower noise;
Large exhaust cross section;
More smooth airflow discharge.



5. Dew-point Instrument

Optional dew-point instrument; High
sensitivity and good stability.



6. Separated Exhaust Valve

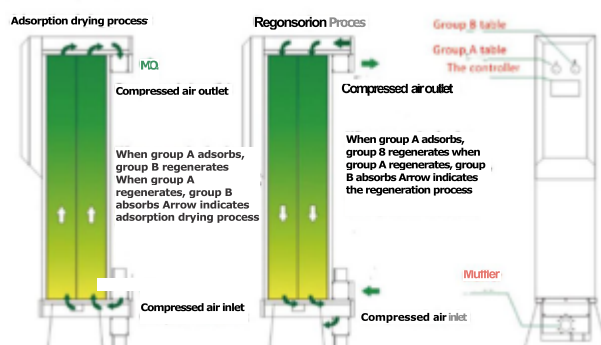
Air TAC cylinder;
Single cylinder;
Independent control;
Large amount of gas passing.

GREEN AIR ADSORPTION DRYER

Equipment selection:

- Inlet temperature: 540°C
- Pressure dew point: -20- -40 t (Customizable)
- Regeneration gas consumption: 5%-8%
- Inlet pressure: 0.6-1.0 Mpa

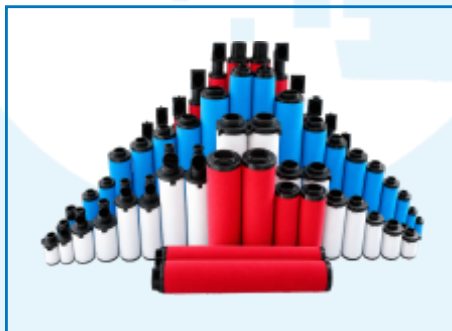
WORKING PRINCIPLE:



GREEN AIR COMPRESSORS



SCREW COMPRESSOR CONSUMABLE PARTS & ACCESSORIES



GREEN AIR COMPRESSORS



AIR COOLING REFRIGERANT DRYER GAD SERIES

Model		GAD20	GAD30	GAD40	GAD60	GAD120	GAD180	GAD250	GAD300	GAD400	GAD450	GAD600	GAD750	GAD850
Air Flow	m³/min	1.2	1.8	2.4	3.6	7.2	10.8	15.0	18.0	24.0	27.0	36.0	45.0	51.0
	SCFM	43	63	88	135	240	317	459	635	812	987	1200	1588	1925
Gross Power (KW)		0.79	0.81	0.86	0.88	1.50	2.39	2.70	3.35	4.30	5.20	6.80	8.80	10.70
Power Supply (V)		220V/1HP						380V/3HP						
Air Outlet & inlet		G 3/4"	G 3/4"	G 1"	G 1-1/2"	G 1-1/2"	G 2-1/2"	G 2-1/2"	DN80	DN80	DN80	DN100	DN125	DN125
Dimension (mm)	Height	620	650	760	840	940	1040	1040	1080	1200	1200	1350	1500	1600
	Width	280	280	340	380	500	540	560	630	710	710	900	1900	2100
	Depth	660	660	720	800	930	1100	1330	1400	1500	1500	1650	1000	1100
Net Weight	Kg	46	52	70	77	125	180	230	255	320	370	550	560	600
Working Condition		Inlet Temp.	≤ 70 °C (High Temperature)				Working Pressure		6-10 Kg/cm³					
		Ambient Temp.	≤ 45 °C (Normal Temperature)				Maximum Pressure		1.0Mpa (10Kg/cm³)					
		Dew Point Temp.	+2°C to +10°C				Coolant		R22 (R407c R134a customizable)					
		The rated air flow needs to be revised when exceeding the working temperature or pressure. 2. For other specifications, please consult the company. 3. The inlet and outlet of the machine set shall be installed with cut-off valve and even with by-pass valve when the gas can't be broken off, beneficial for the maintenance.												

ABSORPTION DRYER

Model		AD10	AD20	AD30	AD50	AD75	AD100	AD150	AD200	AD250	AD300	AD450	AD500
Volume	m ³ /min	1.2	2.4	3.6	7.2	10.8	15.0	18.0	24.0	27.0	36.0	45.0	51.0
	SCFM	43	88	135	240	317	459	635	812	987	1200	1593	1876
Air Outlet & inlet Diameter		G 1/2"	G 1"	G 1-1/2"	G 1-1/2"	G 2"	G 2"	G 3"	G 3"	G 3"	G 3"	G 4"	G 4"
Dimensions	Height	1200	1800	1900	1850	1950	2100	2300	2400	2500	2600	2600	2600
	Width	550	650	650	810	930	1000	1120	1250	1300	1300	1750	2900
	Depth	450	550	550	600	650	800	900	1000	1000	1200	1500	1600
Net Weight	Kg	130	240	280	320	410	530	680	850	1050	1300	1500	1850

GREEN AIR COMPRESSORS



PET OIL FREE RECIPROCATING AIR COMPRESSORS TECHNICAL PARAMETERS

MODEL	FAD	PRESSURE	RPM	MOTOR
SZVW-6/40	6.5m ³ /min	40bar	500	75KW
SZVW-8/40	8.5m ³ /min	40bar	645	90KW
SZVW-10/40	10.5m ³ /min	40bar	590	110KW
SZVW-12/40	12.5m ³ /min	40bar	710	132KW
SZVW-16/40	16.0m ³ /min	40bar	490	160KW
SZVW-18/40	18.0m ³ /min	40bar	550	185KW
SZVW-20/40	20.0m ³ /min	40bar	590	200KW
SZVW-22/40	20.0m ³ /min	40bar	490	220KW



Our Food Line
ABSOLUTELY
OIL-FREE!

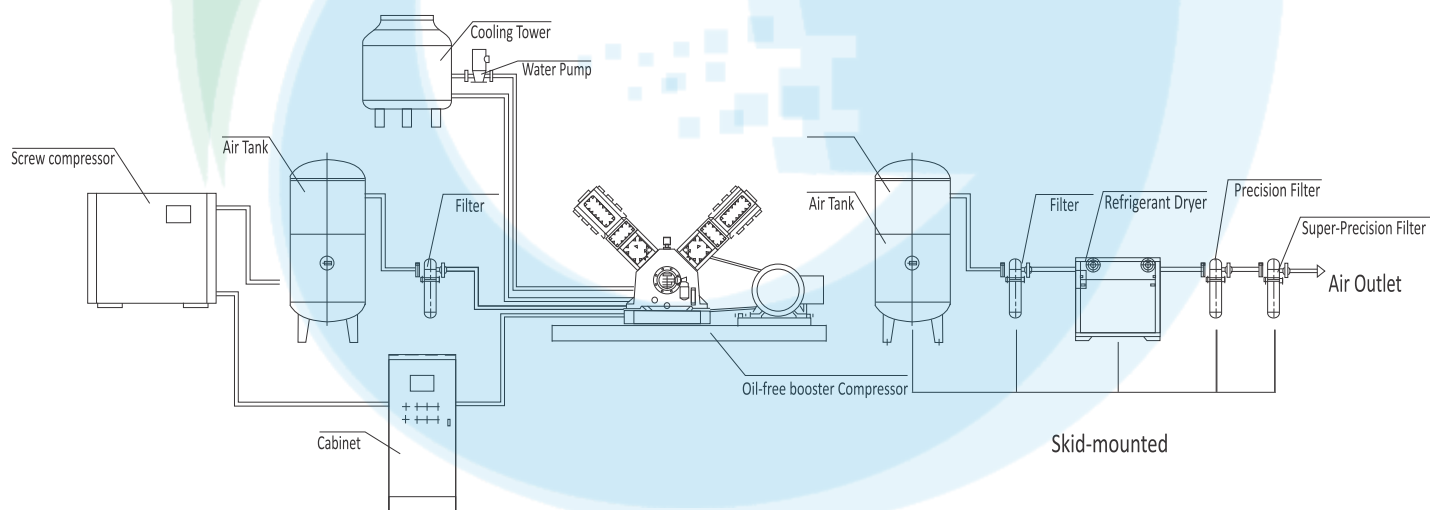
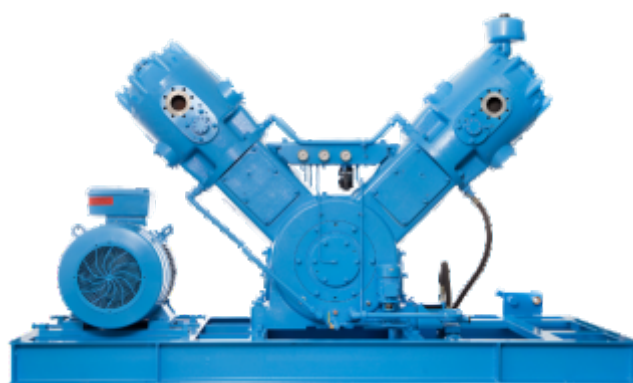


GREEN AIR COMPRESSORS



PET OIL FREE BOOSTER AIR COMPRESSORS TECHNICAL PARAMETERS

MODEL	IN PRESSURE BAR	PRESSURE BAR	FAD M3/MIN	SPEED R.P.M	MOTOR KW
SZB-12/8-40	8	40	15	450	75
SZB-16/8-40	8	40	16	480	75
SZB-18/8-40	8	40	18	535	90
SZB-20/8-40	8	40	20	430	90
SZB-22/8-40	8	40	22	480	110
SZB-25/8-40	8	40	25	535	110
SZB-30/8-40	8	40	30	430	132
SZB-35/8-40	8	40	35	480	160
SZB-40/10-40	8	40	40	550	160



GREEN AIR COMPRESSORS



AIR COMPRESSOR POST-PROCESSING UNIT

Model	Pressure MPa	Inlet Temp °C	Capacity Nm ³ /min	Power HP	Power supply and voltage	Inlet and outlet size	Cooling type
SZP-1/40	1.0-10.0	≤80	1-1.6m ³	1	220/1/50	Rc3/4 "	air cooling
SZP-2/40			2-2.6m ³	1.1		Rc1 "	
SZP-3/40			3-3.8m ³	1.25		Rc1 1/2 "	
SZP-5/40			4.5-5.2m ³	1.65		Rc1 1/2 "	
SZP-6/40			6-7m ³	1.8		Rc1 1/2 "	
SZP-8/40			8-9m ³	2.3		Rc1 1/2 "	
SZP-10/40			10-11m ³	2.45		Rc1 1/2 "	
SZP-13/40			13-14m ³	3	380/3/50	Rc2 "	air cooling and water cooling
SZP-15/40			15-16m ³	3.6		Rc2 "	
SZP-20/40			20-22m ³	3.6		DN65Flange	
SZP-25/40			25-28m ³	4.75		DN65Flange	
SZP-30/40			30-33m ³	5.75		DN65Flange	
SZP-40/40			40-45m ³	6.9		DN80Flange	
SZP-50/40			50-55m ³	8.5		DN80Flange	



MAIN TECHNICAL PARAMETER

Pressure: 1.0-10.0MPa

Pressure consumption: ≤0.02MPa

Dew point: 2-10°C

Precision: ≤0.01μm



GREEN AIR COMPRESSORS



GREENAIR OIL FREE AIR COMPRESSOR SERIES							
GOF11 WI - GOF250 WI							
Model	Working pressure	Capacity		Motor power	Sound Pressure	Weight (Approx.)	Dimension
	Mpa	m ³ / min	cfm	KW	dB (A)	Kg	L*W*H (mm)
GOF11-WI	0.8	1.55	54.7	11	58	540	1400*870*1180
	1.0	1.32	46.6				
	1.25	1.02	36.0				
GOF15-WI	0.8	2.40	84.8	15	63	650	1400*870*1180
	1.0	2.12	74.9				
	1.25	1.61	56.9				
GOF22-WI	0.8	3.50	123.6	22	65	870	1400*1000*1200
	1.0	3.13	110.5				
	1.25	2.61	92.2				
GOF30-WI	0.8	5.00	176.6	30	66	980	1850*1300*1500
	1.0	4.20	148.3				
	1.25	3.81	134.5				
GOF37-WI	0.8	6.10	215.4	37	67	1000	1850*1300*1500
	1.0	5.22	184.3				
	1.25	4.81	169.9				
GOF45-WI	0.8	7.30	257.8	45	68	1060	1850*1300*1500
	1.0	6.13	216.5				
	1.25	5.65	199.5				
GOF55-WI	0.8	9.60	339.0	55	70	1250	1850*1300*1500
	1.0	8.60	303.7				
	1.25	7.42	262.0				
GOF75-WI	0.8	12.5	441.4	75	73	1480	1850*1300*1500
	1.0	11.42	403.3				
	1.25	9.83	347.1				
GOF90-WI	0.8	16.3	575.6	90	73	2030	2600*1480*1700
	1.0	14.52	512.8				
	1.25	12.30	434.4				
GOF110-WI	0.8	19.40	685.1	110	78	2450	2600*1480*1700
	1.0	16.90	596.8				
	1.25	15.10	533.3				
GOF132-WI	0.8	22.21	784.3	132	78	2850	2600*1480*1700
	1.0	20.38	719.7				
	1.25	18.29	645.9				
GOF160-WI	0.8	28.85	1018.8	160	78	3750	3300*2200*2000
	1.0	24.52	865.9				
	1.25	22.17	782.9				
GOF200-WI	0.8	36.63	1293.6	200	78	4100	3300*2200*2000
	1.0	32.70	1154.8				
	1.25	27.72	978.9				
GOF250-WI	0.8	42.88	1514.3	250	78	4750	3300*2200*2000
	1.0	39.00	1377.3				
	1.25	34.64	1223.3				

GREEN AIR COMPRESSORS



PORTABLE DIESEL AIR COMPRESSOR

Model	Power Kw/Hp	Minimum Fuel Consumption (g/kw/h)	Machine Style Compression Stage	Outlet Size	Dimensions (Excluding Tower)	Altitude Allowed
GACDP-3/7	Yunnei 29/40	180	3-Wheel	25	1630x1200x420	4KM
GACDP-5/7	Xichai 37/50	180	3-Wheel	25, 32	1630x1200x1420	4KM
GACDP-777	Xichai 55/75	180	3-Wheel	25, 25	1630x1200x1420	4KM
GACDP-10/8	Xichai 70/95	180	3-Wheel	25, 25	1630x1200x1420	4KM
GACDP-13/10	Cummins 92/125	180	3-Wheel	25, 40	2200x1750x2000	4KM
GACDP-16/8	Cummins 132/180	160	3-Wheel	25, 40	2900x1630x1720	4KM
GACDP-16/15	Cummins 140/190	180	1 Stage, 4-Wheel	25, 50	2400x1750x2000	4KM
GACDP-15/13	Cummins 140/190	180	1 Stage, 4-Wheel	25, 50	2400x1750x2000	4KM
GACDP-17/8	Cummins 140/190	180	1 Stage, 4-Wheel	25, 50	2400x1750x2000	4KM
GACDP-17/13	Cummins 140/190	180	1 Stage, 4-Wheel	25, SD	2400x1750x2000	4KM
GACDP-18/17	Cummins 162/220	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-21/13	Cummins 162/220	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-21/17	Cummins 191/260	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-17/25	Cummins 228/310	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-25/17	Cummins 228/310	160	2 Stage, 4-Wheel	25, SD	3040x2000x2200	4KM
GACDP-18/20	Cummins 162/220	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-20/20	Cummins 191/260	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-20/25	Cummins 228/310	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-28/15	Cummins 228/310	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-24/22	Cummins 228/310	160	2 Stage, 4-Wheel	25, 50	3040x2000x2200	4KM
GACDP-29/25	Cummins 310/420	160	2 Stage, 4-Wheel	25, 50	3600x2000x2200	4KM
GACDP-31/25	Cummins 310/420	160	2 Stage, 4-Wheel	25, 50	3600x2000x2200	4KM
GACDP-35/30	Cummins 410/550	160	2 Stage, 4-Wheel	25, 50	3600x2000x2200	4KM



GREEN AIR COMPRESSORS

CENTRIFUGAL TURBO AIR COMPRESSOR



A centrifugal compressor is a compressor in which the impeller does work on the gas to increase the pressure and speed of the gas and complete the gas transportation. The gas flows through the impeller in the radial direction. The centrifugal air compressor has a large air volume, simple and compact structure, lightweight. The operation is balanced, the operation rate is high, the friction parts are few, the maintenance cost and the personnel are few.

Moreover, turbo air compressor are widely used. Some basic chemical materials, such as propylene and ethylene, can be processed into important chemical products such as plastics and rubber. In the production of this basic raw material, the centrifugal compressor is one of the key pieces of equipment.



TECHNICAL PARAMETERS OF CENTRIFUGAL TURBO AIR COMPRESSOR

Model	Pressure (bar)	Flow range (m ³ /min)	Motor Power (kW)	Dimensions (mm)			Weight (kg)
GAT-300C	0.6-9	24-48	132-263	2750	1500	1820	3800
GAT-600C	0.6-12	45-82	248-450	3280	1850	2200	6300
GAT-900C	0.6-12	76-122	400-640	3800	2000	2250	8160
GAT-1200C	0.6-12	118-150	630-800	4200	2150	2350	11500
GAT-1500C	0.6-16	118-228	760-1300	4200	2150	2350	12000
GAT-2000C	0.6-16	186-310	980-1600	4600	2200	2500	17200
GAT-3000C	0.6-16	268-438	1380-2250	5300	2300	2970	21500
GAT-4000C	0.6-25	347-550	1800-2850	6000	4500	3500	40000
GAT-6500C	0.6-25	530-920	2660-4540	8500	4200	4200	45000
GAT-10000C	0.6-30	830-1660	4060-7950	12000	5000	5300	65000
GAT-20000C	0.6-30	1780-3000	8980-15130	15000	6200	6000	80000

- Aviation-grade high-efficiency and high-reliability titanium alloy impeller
- Enhanced corrosion-resistant special coating impeller (Referred to as gold impeller), resisting the attack of special gases.
- Five axis precision machining forged ternary flow backward curved impeller, higher aerodynamic efficiency
- Large flow design with long and short blades.
- Lower flow loss, and better adaptability to variable working conditions.



GREEN AIR COMPRESSORS



YD SERIES COMPRESSED AIR FILTER EFFECTIVELY REMOVES COMPRESSED AIR POLUTANTS

MODEL	PIPE SIZE	FLOW RATE			DIMENSION		
		I/S	m ³ /min	cfm	Width(W)	Depth(D)	Height(H)
YD017	Rc1/2"	16.7	1.0	35.3	89	79	246
YD025	Rc3/4"	25.0	1.5	53	89	79	246
YD030	Rc1/2"	30	1.8	63.6	89	79	280
YD035	Rc3/4"	33.3	2.0	70.6	89	79	280
YD058	Rc1"	46.7	2.8	98.9	120	110	377
YD068	Rc1-1/2"	60	3.6	127.1	120	110	377
YD080	Rc1"	80.0	4.8	169.5	120	110	477
YD145	Rc1-1/2"	120	7.2	254.2	120	110	477
YD220	Rc2"	200.0	12.0	423.7	162	151	676
YD260	Rc2-1/2"	233.3	14.0	494.4	162	151	676
YD330	Rc2"	267.2	16.0	564.8	162	151	984
YD360	Rc2-1/2"	317.3	19.0	670.7	162	151	984
YD405	Rc2-1/2"	367.4	22.0	776.6	200	189	757
YD430	Rc3"	467.6	28.0	988.4	200	189	757
YD620	Rc3"	620.0	37.2	1313.6	200	189	1012

Technical Requirements	Maximum Operating Pressure: 16 Barg	Maximum Operating Temperature: 80 °C	Minimum Operating Temperature: 1.5 °C
-------------------------------	-------------------------------------	--------------------------------------	---------------------------------------

Pressure	Barg	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Psig	15	29	44	59	73	87	100	116	131	145	160	174	189	203	218	232
Correction Factor		0.38	0.53	0.65	0.76	0.85	0.93	1.00	1.07	1.13	1.19	1.23	1.31	1.36	1.41	1.46	1.51



GREEN AIR COMPRESSORS



FILTRATION GRADE

Filtration Grade	Filter Type	size of particulates /water/oil aerosoles can be removed	Maximum residual oil content 21oC (70oF)	Replacement Peroid	Pre-Filter Grade
WS	Bulk liquid	N/A	N/A	N/A	N/A
PF	Coalescing	5µm	N/A	8000hrs	WS
AO	Coalescing	1µm	0.5ppm	8000hrs	PF
AA	Coalescing	0.01µm	0.01ppm	8000hrs	AO
AX	Coalescing	0.01µm	0.001ppm	8000hrs	AO
ACS	oil vapour	N/A	0.003ppm	When oil vapour or odor is detected	AA
AR	dry particulate	1µm	N/A	8000hrs	N/A
AAR	dry particulate	0.01µm	N/A	8000hrs	N/A

HIGH EFFICIENCY COMPRESSED AIR CYCLONE WATER SEPARATOR

Model	Pipe Size	Flow Rates			Dimensions	
		L/S	m ³ /min	cfm	width	Height
WS 15	Rc1/2"	40	2.4	84.5	89	228
WS 25	Rc3/4"	60	3.6	127.1	89	228
WS 50	Rc1"	75	4.5	158.9	89	263
WS 75	Rc1"	125	7.5	264.8	120	335
WS 100	Rc1-1/2"	166.7	10.0	353.1	120	335
WS 200	Rc2"	300.1	18.0	635.6	164	564
WS 250	Rc2-2/2"	416.8	25.0	882.8	164	664
WS 700	Rc2-2/2"	700	42.0	1483.1	200	712
WS 800	Rc3"	833.5	50.0	1765.6	200	712
WS 800F	DN80/DN100	833.5	50.0	1765.6	280	734/744
WS 1000F	DN100/DN125	1000.2	60.0	2118.7	280	780/795
WS 1200F	DN100/DN125	1166.7	70.0	2464.0	280	1058/1073

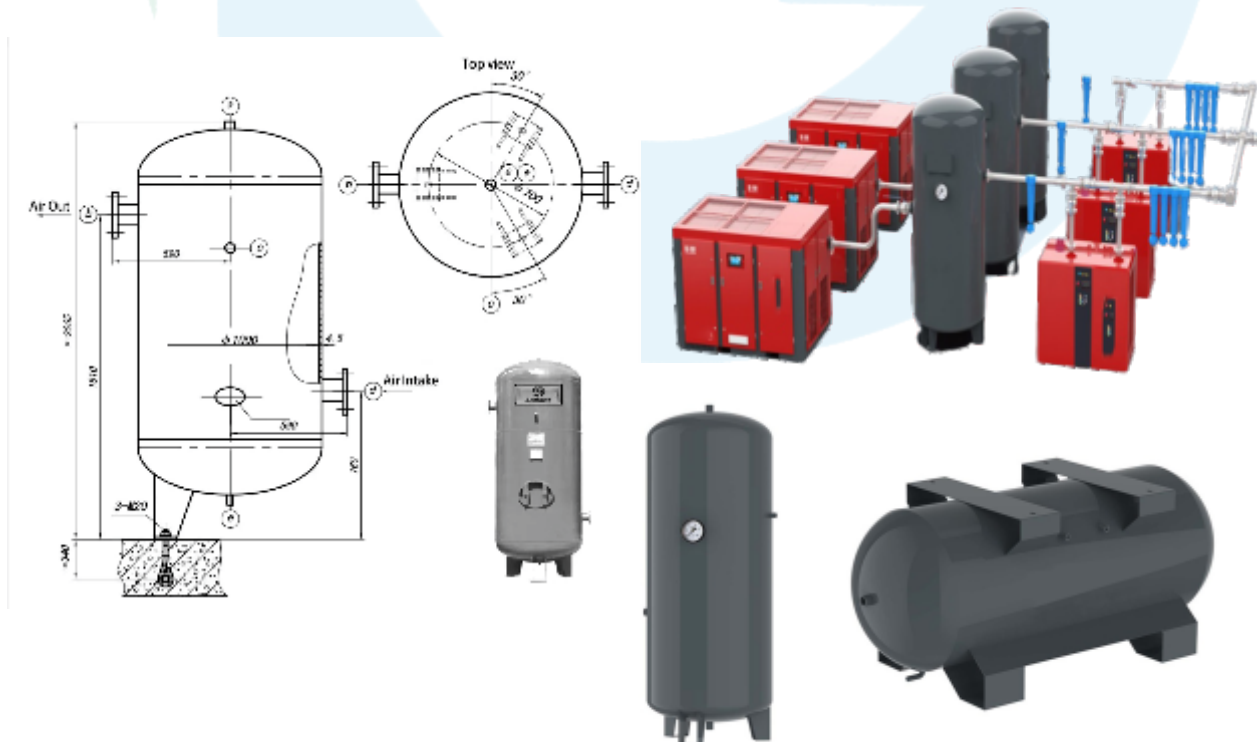
Technical Requirements	Maximum Operating Pressure: 16 Barg	Maximum Operating Temperature: 80 °C	Minimum Operating Temperature: 1.5 °C
------------------------	-------------------------------------	--------------------------------------	---------------------------------------

Pressure	Barg	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Psig	15	29	44	59	73	87	100	116	131	145	160	174	189	203	218	232
Correction Factor		0.38	0.53	0.65	0.76	0.85	0.93	1.00	1.07	1.13	1.19	1.23	1.31	1.36	1.41	1.46	1.51



Main Specifications & Basic Fixed Dimensions

Model	Volume m³	Pressure Bar	Inner Diameter	Total Height H1	Import Height H2	Export Height H3	Material	Safety Valve Diamter c	In Depth Diamter a, b	Weight Kg
GT 0.3/10	0.3	10	550	1594	642	1242	Q235-B	RP3/4	DN50	139
GT 0.6/10	0.6	10	700	1907	681	1551	Q235-B	RP3/4	DN65	217
GT 1/10	1	10	800	2307	691	1921	Q235-B	RP1	DN65	324
GT 1.5/10	1.5	10	1000	2265	760	1810	Q345-R	RP1	DN65	348
GT 2/10	2	10	1000	2780	760	2320	Q345-R	RP1 1/4	DN80	416
GT 2.5/10	2.5	10	1000	3300	760	2840	Q345-R	RP1 1/4	DN80	486
GT 3/10	3	10	1200	2922	851	2411	Q345-R	RP1 1/4	DN80	648
GT 4/10	4	10	1400	3032	911	2471	Q345-R	RP1 1/2	DN100	790
GT 6/10	6	10	1400	4332	911	3621	Q345-R	RP2	DN125	1060
GT 10/10	10	10	2000	3756	1083	2963	Q345-R	RP2 1/2	DN150	1743





Green Air Compressors



U.A.E OFFICE

P.O.BOX: 43934,
SAJJAH INDUSTRIAL AREA, SHARJAH
Tel: +971 58 930 8361, +97 58 930 8362
laiqat_rai@yahoo.com
liaqatalimaintenance@gmail.com

OMAN OFFICE

P.O BOX: 123, P.C: 111
MUSCAT SULTANATE OF OMAN
Tel: +968 91282305
mrapp_services_trade@yahoo.com
rashid_iqbal@mrashidtrade.com

TÜRKİYE OFFICE

Yenidogan Mahallesi Abdi İpekçi Street 1.
Emintaş Sanayi Sitesi BAYRAMPAŞA -
İSTANBUL
Tel : +90 212 565 98 46

KARACHI OFFICE

P#A-349/7 Sector 6A,
Near Alamgir opposite Talha Masjid,
Mehran Town, Korangi Industrial
Area. Landline : 021-35062261-62
greenaircompressors@gmail.com

LAHORE OFFICE

C-55, ARCHITECT ENGINEERS HOUSING
SOCIETY NEAR WAPDA TOWN PHASE-2
LAHORE-PAKISTAN
Tel: +92-42-35132304-5-6
greenaircompressors@gmail.com

FAISALABAD OFFICE

Bilal Ganj Market, Opp.
Faisal Mover Terminal
Sargodha Road, Faisalabad.
Tel: 0321-3746446-7-8
greenaircompressors@gmail.com