OIL-INJECTED SCREW AIR COMPRESSOR

WGD SERIES

Diesel powered from 10-760hp, free air delivery from 30-1500cfm @ 5-45 bar.Engine options:Xichai, Yuchai,Quanchai,Honda,Kubota, Cummins.Both mobile and base version are available.

WBS SERIES

Electrical powered from 2.2- 355 Kw. Pressure can be made from 3-16bar. Both fixed speed and variable speed are available. Customization for colours ,air end, design are also workable.

WBS+II SERIES

Electrical powered from 37 to 250kw.WBS+II series are mainly made in variable speed to save more power , but free air delivery is much more than WBS series, since this series air end is 2-stage compression type, lower speed, but more free air delivery.

WZS SERIES

WZS series tank mounted air compressor with air dryer and compressed air filters, it is very popular for tire shop,vichle shop,maintenance shop,paint shop and automotive shop. Small footprint ,convenient installation, easy maintenance.

WINDBELL®

Windbell is an air compressor manufacture started from 2006. Through 20 years of growth, Windbell has grown into a vertically integrated company focused on R&D, production, and sales.
Key products include:
Diesel air compressor ,screw air compresor , scroll air compressor, piston air compressor and compressed air treatment.

WGD SERIES

DIESEL AIR COMPRESSOR

Windbell diesel mobile screw air compressors are engineered and manufactured for mobile application,they are exceptionally durable and are built to withstand even the most demanding job site. Diesel engine ensures good performance ,easy operation and maintenance.Engine options are: Xichai, Yuchai, Kubota, Cummins.Whether you rent or operate them , our compressors can ensure long lifetime in the field earning you rent or getting jobs done.

Image: WGD70-7

WGD35,WGD50,WGD70 Petrol air compressor

WGD35-70 petrol engine driven air compressor is engineered and manufactured for mobile application. Exceptionally compact and light weight models are available to provide compressed air:

35cfm(1.05 m^3/min)@ 7 bar (100psi)

50cfm(1.4 m^3/min)@ 7 bar (100psi)

70cfm(2.0 m^3/min)@ 7 bar (100psi).

Engine options: Honda , Lifan.

Image:WGD125-7

WGD125 Diesel air compressor

WGD125 portable air compressor is powered by one 30hp Quanchai engine which work with a efficiency air end , to ensure 125 cfm porductivity at 7 bar (100 psi) pressure. Quanchai engine is reliable, durable,low noise and less fuel consumption

WGD185 Diesel air compressor

WGD185 portable air compressor is powered by one 50hp XICHAI engine which work with a efficiency air end , to ensure 185 cfm porductivity at 7 bar (100 psi) pressure.

Engine options: Xichai, Kubota

Image:WGD185-7

WGD315 Diesel air compressor

WGD315 portable air compressor is powered by one 100hp XICHAI engine which work with a efficiency air end , to ensure 315 cfm porductivity at 8 bar (116 psi) pressure.

Engine option: Xichai, Cummins.

WGD SERIES

DIESEL AIR COMPRESSOR

WGD185S Diesel air compressor new generation

The new generation 185 cfm compressor is powered by one 50hp Kubota engine which can meet Euro 5 or America Tier 4 stage exhaust emission standard. Pre-filter system and internal aftercooler make sure the compressor can wokr in very hard conditions ,such as rock drilling , mining , sandblasting , concrete breaking. Available with 5 versions: **Box, Basic , Standard , Pro and Pro Max.**

Image:WGD185S-7

WGD420 Diesel air compressor

The WGD420 diesel compressor is powered by one 160hp Yuchai engine which can produce 420cfm compressed air @12bar(175psi). Besides, this model is also can be made in 450cfm@145psi.

It is suitable for rock drilling , mining , sandblasting , concrete breaking applications.

Engine options: Cummins

Image:WGD420-12

600-1200 Diesel screw air compressor

The 600-1200 cfm series diesel screw air compressors are powered by Cummins engine from 200-760hp which can produce free air delivery of 600-1200 cfm @ 8-40 bar.

The details are as below:

700cfm@8bar , 200hp
600cfm@15bar, 200hp

900cfm@12bar, 265hp
600cfm@22bar, 265hp

1200cfm@10bar, 360hp
900cfm@20bar, 360hp
700cfm@28bar, 360hp

1300cfm@25bar, 585hp

1500cfm@30bar, 760hp
1200cfm@40bar, 760hp

Image:WGD1200-40 with Drip pan

WGD SERIES

TECHNICAL SPECIFICATIONS

COMPRESSOR					ENGINE				PACKAGE			DIMENSION
Model	Working Pressure		Free Air Delivery		Make	Power @full load	Full Load Speed	Off load Running Speed	Fuel Tank Capacity	Wight	Outlets	L×W×H
	(bar)	(psi)	(cfm)	(m^3/min)		(hp)	(rpm)	(rpm)	(L)	(kg)		(mm)
WGD35	7	100	35	1.0	HONDA	10	3600		5.5	180	2×1/2"	630×650×1100
	10	145	28	0.8								
WGD125	7	100	125	3.5	QUANCHAI	30	2850	2100	60	650	2×3/4"	2950×1550×1280
	8	116	105	3.0								
	10	145	85	2.4								
WGD185	7	100	185	5.2	XICHAI	50	2650	1350	80	1050	2×3/4"	3050×1650×1500
	10	145	150	4.2								
WGD250	8	116	250	7.0	Cummins	75	2250	1350	110	1600	1×1.25" 1×3/4"	2850×1700×1650
WGD315	8	116	315	9.0	XICHAI	100	2400	1350	110	1650	1×1" 1×1.5"	3400×1810×1700
WGD350	10	145	350	10.0	YUCHAI	120	2400	1350	130	1650	1×1.5" 1×1"	3400×1810×1700
WGD420	10	145	460	13.0	YUCHAI	160	1900	1350	150	2050	1×3/4" 1×1" 1×1.5"	3650×1670×2290
	12	174	420	12.0								
WGD700	8	116	700	20.0	Cummins	200	2200	1350	250	2400	1×1" 1×2.0"	4500×1700×2250
	15	218	600	17.0								
WGD900	12	174	900	26.0	Cummins	265	2000	1350	400	3300	1×1" 1×2.5"	4600×1850×2350
	17	247	600	22.0								
WGD 1200	10	145	1200	34.0	Cummins	360	2150	1350	400	4500	1×1" 1×2.5"	4800×1950×2450
	20	290	900	25.0								
	28	406	700	20.0								
WGD 1300	25	363	1300	37.0	Cummins	570	1850	1350	800	6000	1×1" 1×2.0"	4000×2150×2250
	30	435	1200	34.0								
	35	508	1000	28.0								
WGD 1500	30	435	1500	42.0	Cummins	760	1800	1350	1000	7000	1×1" 1×2.0"	4800×2250×2500
	35	508	1400	40.0								
	40	580	1200	34.0								

**35cfm is stationary type.*

**70-350cfm is 2 wheels simple trailer; WGD185S is also available with road type trailer.*

**400-1200cfm is 4 wheels mobile type trailer.*

**Bigger than 1300cfm is base mount type.*

WAC SERIES

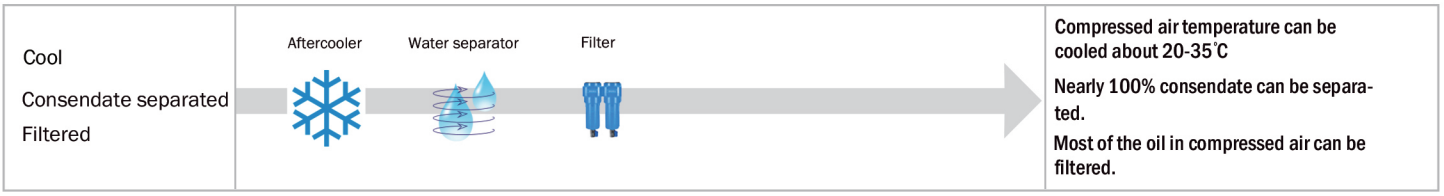
OPTIONAL COMPRESSED AIR TREATMENT

Windbell diesel compressor with capacity lower than 500cfm can be operated with an external compressed air aftercooler,optionally.

Units are delivered ready prepared with DC12V or 24V electrical connection for voltage supply to aftercooler fan. Compressors are already equipped with socket or reserved connection.

Units are also equipped with one 3.6L air water separator tank, the purpose is to keep compressed air system pressure balance and separate water in compressed air.

All you need to do is connect aftercooler to the suitable compressor.



TECNICAL SPECIFICATIONS

Model	Working Pressure		Max.Capacity		Voltage Supply	Fan Power	Inlet	Outlet	Weight	L×W×H
	(bar)	(psi)	(cfm)	(m^3/min)	(V)	(W)			(kg)	(mm)
WAC185	6-12	85-175	185	5.2	DC12	80	3/4"	3/4"	45	610×450×620
WAC420	6-12	85-175	420	12.0	DC24	95	3/4"	3/4"	60	710×500×700

WBS SERIES
SCREW AIR COMPRESSOR

Windbell WBS series screw air compressor is designed for the global market. All models are equipped with centrifugal cooling fan which is quiet and efficient; Besides, A totally enclosed design using purpose-suited sound absorption material decreases operating sound levels to the lowest level. Removable doors make installation and service easy and convenient.

Key features:

- On average up to 30% energy savings.
- High efficiency free air delivery.
- Reliable quality.
- Turbo cooling fan.
- Direct drive.
- Wide motor speed(Min speed can be 30% of rated).
- Low noise emission suitable for workplace installation.
- Intelligent colourful touch screen controller.

Electrical motor features:

- IP55,insulation Class F, IE2 or IE3
- Can continuously work in harsh envionments.
- Free service design

Air end features:

- High efficiency and output with advanced profile rotors
- Three quality options: Regular , Medium and High
- Bearing options: Regular and Imported(such as SKF)

Image:45-55kw Image:7.5-37kw

Control features:

- High definition color touching display.
- Indication of service time,auto-restart
- Remote control
- Monitoring features include warning indications maintenance scheduling and machine's condition
- Multi-languages

WBS SERIES 7.5-75KW

TECHNICAL SPECIFICATIONS

Model No.	Working pressure		Capacity FAD		Motor power		Working Voltage	Starter Type	Outlet	Weight	Dimension(mm)		
	bar	psi	CFM	m^3/min	hp	kw	V/Hz		diameter	kg	L	W	H
WBS7.5	7	100	42	1.2	10	7.5	380/50 or Customized	Star-Delta Soft Starter Inverter	G3/4"	200	970	560	900
	8	116	39	1.1									
	10	145	35	1.0									
	12	174	28	0.8									
WBS11	7	100	64	1.8	15	11	380/50 or Customized	Star-Delta Soft Starter Inverter	G3/4"	250	1100	700	1120
	8	116	57	1.6									
	10	145	53	1.5									
	12	174	46	1.3									
WBS15	7	100	92	2.6	20	15	380/50 or Customized	Star-Delta Soft Starter Inverter	G3/4"	300	1100	700	1120
	8	116	85	2.4									
	10	145	74	2.1									
	12	174	64	1.8									
WBS18	7	100	113	3.2	25	18	380/50 or Customized	Star-Delta Soft Starter Inverter	G1"	350	1400	780	1280
	8	116	106	3.0									
	10	145	95	2.7									
	12	174	81	2.3									
WBS22	7	100	131	3.7	30	22	380/50 or Customized	Star-Delta Soft Starter Inverter	G1"	350	1400	780	1280
	8	116	124	3.5									
	10	145	110	3.1									
	12	174	95	2.7									
WBS30	7	100	187	5.3	40	30	380/50 or Customized	Star-Delta Soft Starter Inverter	G1-1/2"	700	1450	900	1430
	8	116	180	5.1									
	10	145	163	4.6									
	12	174	138	3.9									
WBS37	7	100	230	6.5	50	37	380/50 or Customized	Star-Delta Soft Starter Inverter	G1-1/2"	700	1450	900	1430
	8	116	219	6.2									
	10	145	198	5.6									
	12	174	173	4.9									
WBS45	7	100	286	8.1	60	45	380/50 or Customized	Star-Delta Soft Starter Inverter	G1-1/2"	1000	1800	1100	1700
	8	116	265	7.5									
	10	145	247	7.0									
	12	174	212	6.0									
WBS55	7	100	371	10.5	75	55	380/50 or Customized	Star-Delta Soft Starter Inverter	G2"	1200	1800	1100	1700
	8	116	353	10.0									
	10	145	318	9.0									
	12	174	283	8.0									
WBS75	7	100	505	14.3	100	75	380/50 or Customized	Star-Delta Soft Starter Inverter	DN50	1300	1800	1100	1700
	8	116	459	13.0									
	10	145	417	11.8									
	12	174	371	10.5									

**Unit performance measured according to JB/T6430*

**Technical specifications for WBS VSD is same as WBS*

**The difference between WBS and WBS VSD:*

Working pressure for WBS can be fluctuated in set range, FAD and motor speed can't be regulated.

Working pressure for WBS VSD is fixed, FAD and motor speed can be regulated according to air demand. eg: FAD for WBS7.5 VSD is 0.8-1.2m^3/min.

WZS SERIES

4 in 1 AIR COMPRESSOR

Engineered for high efficiency and reliability, the Windbell WZS series air compressor can meet the compressed air demands of a tire shop,vehicle shop,maintenance shop, paint shop or automotive dealer shop.Quiet design WBZ range compressor can be installed almost anywhere, without disturbing your working environment. Tank mounted, with or without dryer,the WZS is the good helper for service or light industrial applications.

Air Compressor Features:

- Compact design with turbo cooling system.
- High efficiency screw element.
- Direct drive,no slippage loses and energy loss.
- Colourful HD touch screen control panel.
- Continuous duty operation.
- Low oil content in compressed air.

Air Dryer Features:

- Low pressure drop
- R410A refrigerant
- Energy saving
- Superior reliability

Air Receiver Features :

- Capacity options: 110L/150L/200L/300L/ 500L

Image:2 in 1

WZS SERIES

TECHNICAL SPECIFICATIONS

Model No.	Working Pressure		Capacity FAD		Motor Power		Tank Volume	Noise Level	Outlet	Weight	Dimension(mm)		
	bar	psi	cfm	m^3/min	hp	kw	L	dB	diameter	kg	L	W	H
WZS2.2	8	116	11	0.32	3	2.2	110	54+/-3	G1/2	180	1090	450	1110
	10	145	9.5	0.28									
WZS3.0	8	116	16	0.44	4	3	110	55+/-3	G1/2	190	1090	450	1110
	10	145	14	0.39									
WZS4.0	8	116	20	0.58	5.5	4	150	57+/-3	G1/2	230	1460	520	1220
	10	145	18	0.52									
WZS5.5	8	116	27	0.76	7.5	5.5	150	59+/-3	G1/2	240	1460	520	1220
	10	145	24	0.68									
WZS7.5	7	100	42	1.20	10	7.5	200	63+/-3	G3/4	450	1688	560	1428
	8	116	39	1.10									
	10	145	35	1.00									
	12	174	28	0.80									
WZS11	7	100	64	1.80	15	11	200	64+/-3	G3/4	500	1688	690	1643
	8	116	57	1.60									
	10	145	53	1.50									
	12	174	46	1.30									
WZS15	7	100	92	2.60	20	15	200	64+/-3	G3/4	550	1688	690	1643
	8	116	85	2.40									
	10	145	74	2.10									
	12	174	64	1.80									
WZS22	7	100	130	3.70	30	22	300	65+/-3	G1	950	2100	820	1700
	8	116	124	3.50									
	10	145	110	3.10									
	12	174	95	2.70									

** Dimension for 3hp is for 2 in 1 version; others for 4 in 1 version. All models can be made in both 2 in 1 or 4 in 1 version.*

** Tank volume on above table is our standard, but 150L/300L/500L volume is also available.*

** Fixed speed and VSD are both available.*

WBS+II SERIES

SCREW AIR COMPRESSOR

Windbell WBS+ II energy saving series includes single (WBS+and 2-stage compression(WBS II), is engineered to be any demading industrial application requiring large volumes of air.2-stage model using double stage airend which delivers the highest quality compressed air at a lowrotational speed to help minimise the unit' s energy consumption and achieve excellent performance.

To be simple ,WBS II model can produce more compressed air at same electrical motor power comparing to WBS+models.

Mining industry
Compressed air is vital for the mining industry: applications include dust bag filtration, service air, ventilation air and pneumatic tools.

Power plants
Power plants run day and night to supply vital energy.A continuous supply of compressed air is absolutelycritical for trouble-free operation.their operating costs.

Metal industry
Metal plants use compressed air for instrumentation, plant air and pneumatic conveying for raw materials orash and are in need of an efficient solution to reducetheir operating costs.

General industry
Many industrial companies use compressed air in theirdaily operations.Applications include pneumatic toolsfor cutting, drilling, hammering and grinding; pneumaticactuators and valves, ventilation systems; packing andpalleting machinery and conveyor systems.

WBS+ SERIES 90-355KW

TECHNICAL SPECIFICATIONS

Model No.	Working pressure		Capacity FAD		Motor power		Working Voltage	Starter type	Outlet	Weight	Dimension(mm)		
	bar	psi	cfm	m^3/min	hp	kw	V/Hz		diameter	kg	L	W	H
WBS90	7	100	604	17.1	120	90	380/50 or customized	Star-delta Inverter	DN50	2250	2650	1650	1670
	8	116	550	15.6									
	10	145	495	14.1									
	12	174	450	12.8									
WBS110	7	100	760	21.5	150	110	380/50 or customized	Star-delta Inverter	DN80	2350	2650	1650	1670
	8	116	705	20.0									
	10	145	630	17.8									
	12	174	555	15.8									
WBS132	7	100	894	25.3	180	132	380/50 or customized	Star-delta Inverter	DN80	2450	2650	1650	1670
	8	116	855	24.2									
	10	145	770	21.8									
	12	174	654	18.5									
WBS160	7	100	1014	28.7	220	160	380/50 or customized	Star-delta Inverter	DN80	4300	3020	1870	1880
	8	116	975	27.6									
	10	145	905	25.6									
	12	174	760	21.5									
WBS185	7	100	1148	32.5	250	185	380/50 or customized	Star-delta Inverter	DN80	4600	3020	1870	1880
	8	116	1095	31.0									
	10	145	989	25.6									
	12	174	894	25.3									
WBS220	7	100	1336	37.8	300	220	380/50 or customized	Star-delta Inverter	DN100	5400	3650	2330	2200
	8	116	1265	35.8									
	10	145	1141	32.3									
	12	174	1046	29.6									
WBS250	7	100	1555	44.0	340	250	380/50 or customized	Star-delta Inverter	DN100	5600	3650	2330	2200
	8	116	1475	41.8									
	10	145	1360	38.5									
	12	174	1230	34.8									
WBS300	7	100	2035	57.6	400	300	380/50 or customized	Star-delta Inverter	DN125	5800	3650	2330	2200
	8	116	1965	55.6									
	10	145	1730	49.0									
	12	174	1534	43.4									
WBS355	7	100	2365	67.0	480	355	380/50 or customized	Star-delta Inverter	DN125	6200	3650	2330	2200
	8	116	2295	65.0									
	10	145	1979	56.0									
	12	174	1765	50.0									

**Unit performance measured according to JB/T6430*

**Technical specifications for WBS VSD is same as WBS*

**The difference between WBS and WBS VSD:*

Working pressure for WBS can be fluctuated in set range, FAD and motor speed can't be regulated.

Working pressure for WBS VSD is fixed, FAD and motor speed can be regulated according to air demand. eg: FAD for WBS7.5 VSD is 0.8-1.2m^3/min.

WBS II SERIES 37-250KW

TECHNICAL SPECIFICATIONS

Model	Working pressure		Capacity FAD		Motor power		Working Voltage	Starter	Outlet	Weight	Dimension(mm)		
	bar	psi	cfm	m^3/min	hp	kw	V/Hz	mode	diameter	kg	L	W	H
WBS37II	7	100	269	7.6	50	37	380/50 or customized	Inverter	G1-1/2	1100	1800	1150	1500
	8	116	258	7.3									
	10	145	230	6.5									
	12	174	201	5.7									
WBS45II	7	100	329	9.3	60	45	380/50 or customized	Inverter	G1-1/2	1300	1800	1150	1500
	8	116	357	10.1									
	10	145	300	8.5									
	12	174	265	7.5									
WBS55II	7	100	466	13.2	75	55	380/50 or customized	Inverter	G2	1650	2150	1250	1700
	8	116	459	13.0									
	10	145	389	11.0									
	12	174	318	9.0									
WBS75II	7	100	583	16.5	100	75	380/50 or customized	Inverter	DN50	1700	2150	1250	1700
	8	116	534	15.1									
	10	145	477	13.5									
	12	174	424	12.0									
WBS90II	7	100	724	20.5	120	90	380/50 or customized	Inverter	DN50	2200	2550	1450	1750
	8	116	689	19.5									
	10	145	583	16.5									
	12	174	512	14.5									
WBS110II	7	100	848	24.0	150	110	380/50 or customized	Inverter	DN80	2300	2550	1450	1750
	8	116	830	23.5									
	10	145	724	20.5									
	12	174	618	17.5									
WBS132II	7	100	1018	28.8	180	132	380/50 or customized	Inverter	DN80	2400	2550	1450	1750
	8	116	954	27.0									
	10	145	855	24.0									
	12	174	742	21.0									
WBS160II	7	100	1270	36.0	220	160	380/50 or customized	Inverter	DN80	4200	3000	1850	2000
	8	116	1166	33.0									
	10	145	1060	30.0									
	12	174	920	26.0									
WBS200II	7	100	1520	43.0	180	132	380/50 or customized	Inverter	DN100	5100	3400	2150	2150
	8	116	1485	42.0									
	10	145	1343	38.0									
	12	174	1165	33.0									
WBS220II	7	100	1695	48.0	300	220	380/50 or customized	Inverter	DN100	5300	3400	2150	2150
	8	116	1590	45.0									
	10	145	1415	40.0									
	12	174	1235	35.0									
WBS250II	7	100	1980	56.0	340	250	380/50 or customized	Inverter	DN100	5500	3400	2150	2150
	8	116	1775	50.2									
	10	145	1590	45.0									
	12	174	1415	40.0									

**Unit performance measured according to JB/T6430*

WBD SERIES
REFRIGERANT AIR DRYER

Why dry your compressed air?

Compressed air contains oil, solid particles and water vapors. It is the inherent result of the compression process, which concentrates the natural water vapors and particles in the air that surrounds us. This untreated compressed air poses a substantial risk to your air system and end products. Its moisture content alone can cause corrosion in pipe work, premature failure of pneumatic equipment, product spoilage and more. An air dryer is therefore essential to protect your systems and processes.

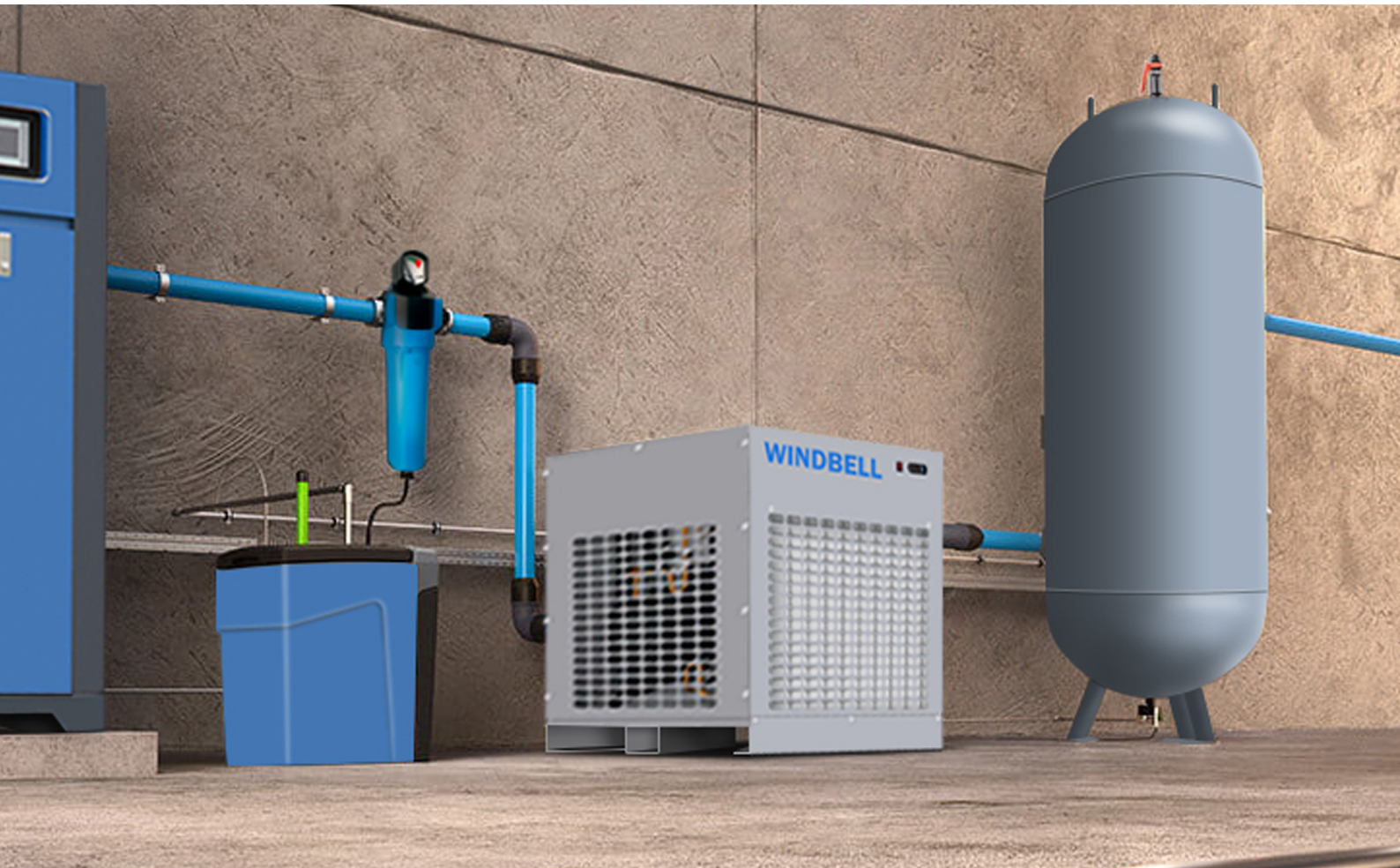
Reliable system protection

As dry and clean compressed air is crucial, it must be produced reliably, energy efficiently and cost effectively.

Their compact design combined with easy maintenance ensures they operate with total reliability and deliver the desired quality of air.

The cost of poor air quality?

Untreated compressed air can causesubstantial problems and costs:
Your air tools have less power, morefailures and, ultimately,a shorterlifetime.
Materials and products that comeinto contact with untreated air runthe risk of contamination or damage.



WBD SERIES

TECHNICAL SPECIFICATIONS

Model No.	Working Pressure bar	Capacity FAD m^3/min	Pressure Drop	Dew Point °C	Power W	Power Voltage V/Phase/Hz	Cryogen	Inlet/Outlet diameter	Weight kg	Dimension(mm) L	W	H
WBD10	5-13	1.0	0.3	3-10	350	220/1/50	R134a	G3/4	30	352	430	445
WBD13	5-13	1.3	0.1	3-10	400	220/1/50	R134a	G3/4	30	550	370	705
WBD21	5-13	2.1	0.2	3-10	453	220/1/50	R134a	G3/4	34	550	370	705
WBD40	5-13	4.0	0.4	3-10	843	220/1/50	R410A	G1	55	520	500	809
WBD66	5-13	6.6	0.25	3-10	1170	220/1/50	R410A	G1.5	60	520	500	809
WBD85	5-13	8.5	0.2	3-10	1200	220/1/50	R410A	G1.5	68	550	600	958
WBD105	5-13	10.5	0.3	3-10	1312	220/1/50	R410A	G2	75	550	600	958
WBD140	5-13	14.5	0.2	3-10	2143	380/3/50	R410A	G2	110	900	750	1009
WBD175	5-13	17.5	0.2	3-10	2170	380/3/50	R410A	G2	126	900	750	1009
WBD200	5-13	20.0	0.3	3-10	4100	380/3/50	R410A	G2.5	140	1050	600	1130
WBD260	5-13	26.0	0.3	3-10	4300	380/3/50	R410A	G2.5	162	1050	600	1130
WBD350	5-13	35.0	0.15	3-10	4860	380/3/50	R410A	DN100	325	1133	1000	1700
WBD450	5-13	45.0	0.15	3-10	5626	380/3/50	R410A	DN100	350	1133	1000	1700
WBD500	5-13	50.0	0.15	3-10	6293	380/3/50	R410A	DN100	350	1133	1000	1700
WBD1000	5-13	100.0	0.16	3-10	14398	380/3/50	R410A	DN150	350	2100	1150	1900

**Dew point 3-7°C is also available.*

Dry up your air.

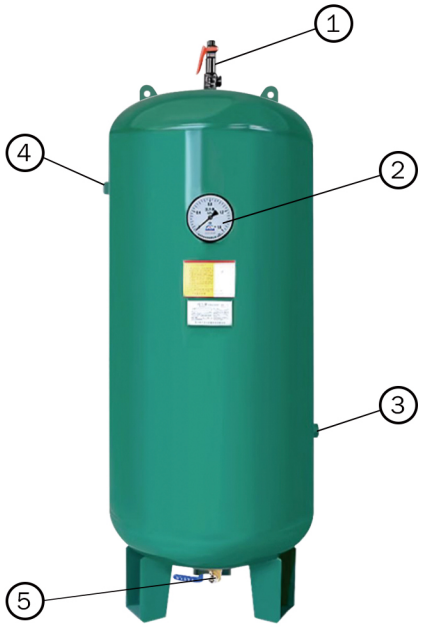
WBT SERIES

COMPRESSED AIR RECEIVER

Windbell air receiver makes air available at a constant pressure by storing compressed air for peak demand. By avoiding undue load/unload cycles, it saves energy costs and extends the life of the compressor

The advantages of a correctly sized air receiver is :

- It provides appropriate cycle times for the unloading and pressure lowering of the compressor The fewer times the compressor loads, the greater the efficiency and the lower the power costs-resulting in less wear and tear on the air compressor's components.
- It removes 60% to 70 % of the condensate from the compressed air.
- Air receivers have a unique anti-block drain connection.



1 Safety valve
2 Pressure gauge
3 Compressed Air inlet
4 Compressed air outlet
5 Auto drain

WBT SERIES 300-2500L

TECHNICAL DATA

Model No.	Capacity L	Working Pressure bar	Total Height mm	Inside Diameter mm	Weight kg
WBT0.3	300	8	1560	550	92
		10	1562		112
		13	1564		156
		16	1564		156
		25	1568		195
		30	1568		195
		40	1572		262
WBT0.5	500	8	1755	600	155
		10	1755		155
		13	1758		157
		16	1758		157
WBT0.6	600	8	1844	700	170
		10	1846		196
		13	1846		220
		16	1846		240
		25	1850		280
		30	1855		372
		40	1859		410
WBT1.0	1000	8	2240	800	226
		10	2240		362
		13	2340		271
		16	2343		325
		25	2351		490
		30	2355		576
		40	2355		582
WBT1.5	1500	8	2357	1000	338
		10	2357		338
		13	2359		388
		16	2363		498
		25	2368		630
		30	2372		735
		40	2380		1050
WBT2.5	2500	8	2719	1200	846
		10	2776		847
		13	2778		850
		30	2795		855

--- To be continued

WBT SERIES 2000-8000L

TECHNICAL DATA

Model No.	Capacity L	Working Pressure bar	Total Height mm	Inside Diameter mm	Weight kg
WBT2.0	2000	8	2692	1100	460
		10	2692		460
		13	2694		505
		16	2698		660
		25	2702		815
		30	2706		998
		40	2719		1470
WBT2.5	2500	8	2776	1200	846
		10	2778		847
		13	2782		850
		30	2795		855
WBT3.0	3000	8	2807	1300	860
		10	2809		865
		13	2813		866
		16	2817		869
		25	2835		1031
		30	2836		1755
		40	2840		2243
WBT4.0	4000	8	3054	1400	910
		10	3056		915
		13	3058		925
WBT5.0	5000	8	3813	1400	960
		10	3815		965
		13	3817		975
WBT6.0	6000	8	3660	1600	1010
		10	3662		1015
		13	3662		1020
WBT8.0	8000	8	3213	2000	1500
		10	3186		1555
		13	3150		1650

** Both carbon and stainless steel 304 is available.*

** CE, ASME test certificate is available.*

WBF SERIES

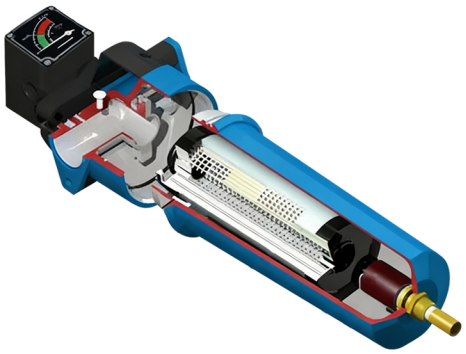
COMPRESSED AIR LINE FILTER

The compressed air contains harmful solid,liquid and vaporous contaminants that can damage pneumatic equipment,control and instruments.

The removal of these contaminants is necessary to ensure equipment maintenance and keep the productionoperations efficient.

Normally compressed air contains high concentrations of dust, oil, moisture and other impurities.These contaminants can lead to high-maintenance costs and result in damage to equipment and finished products.

Our filters have been specifically designed to prevent these problems, by offering a wide range of filters for compressed air able to satisfy the most various industry needs.

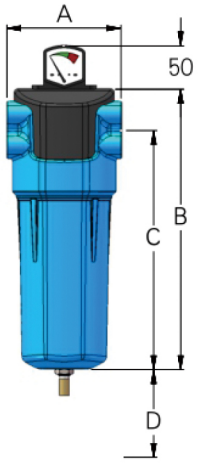


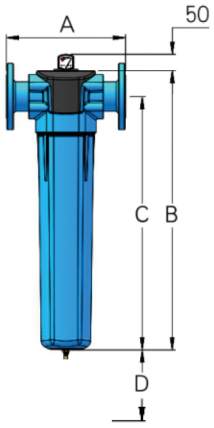
The high efficiency of the elements which is ableto offer a high capability of retention (99,999%) and very low pressure drops.The final result is an extremely purified compressed air and low operating costs.

WBF SERIES

TECHNICAL SPECIFICATIONS

Model No.	Flow Rate		Connection	Dimension(mm)				Image
	cfm	m^3/min	inch	A	B	C	D	
WBF0120	42	1.2	3/4	100	214	181	110	
WBF0200	70	2.0	3/4	100	275	242	145	
WBF0200	105	3.0	3/4	100	275	242	175	
WBF0350	124	3.5	1	130	320	273	185	
WBF0500	177	5.0	1.5	130	320	273	185	
WBF0750	265	7.5	1.5	130	402	355	230	
WBF1050	370	10.5	1.5	130	402	355	270	
WBF1450	512	14.5	2.0	180	527	465	390	
WBF2200	777	22.0	2.0	180	707	645	570	
WBF2500	880	25.0	2.5	225	857	779	570	
WBF3000	1059	30.0	2.5	225	857	779	630	
WBF4500	1589	45.0	3.0	225	1007	929	700	
WBFL2200	777	22.0	DN65	310	707	645	110	
WBFL2500	880	25.0	DN65	360	857	779	570	
WBFL3500	1236	35.0	DN100	360	1007	929	700	
WBFL4500	1589	45.0	DN100	360	1007	929	700	
WBFL4900	1730	49.0	DN100	360	1007	929	700	



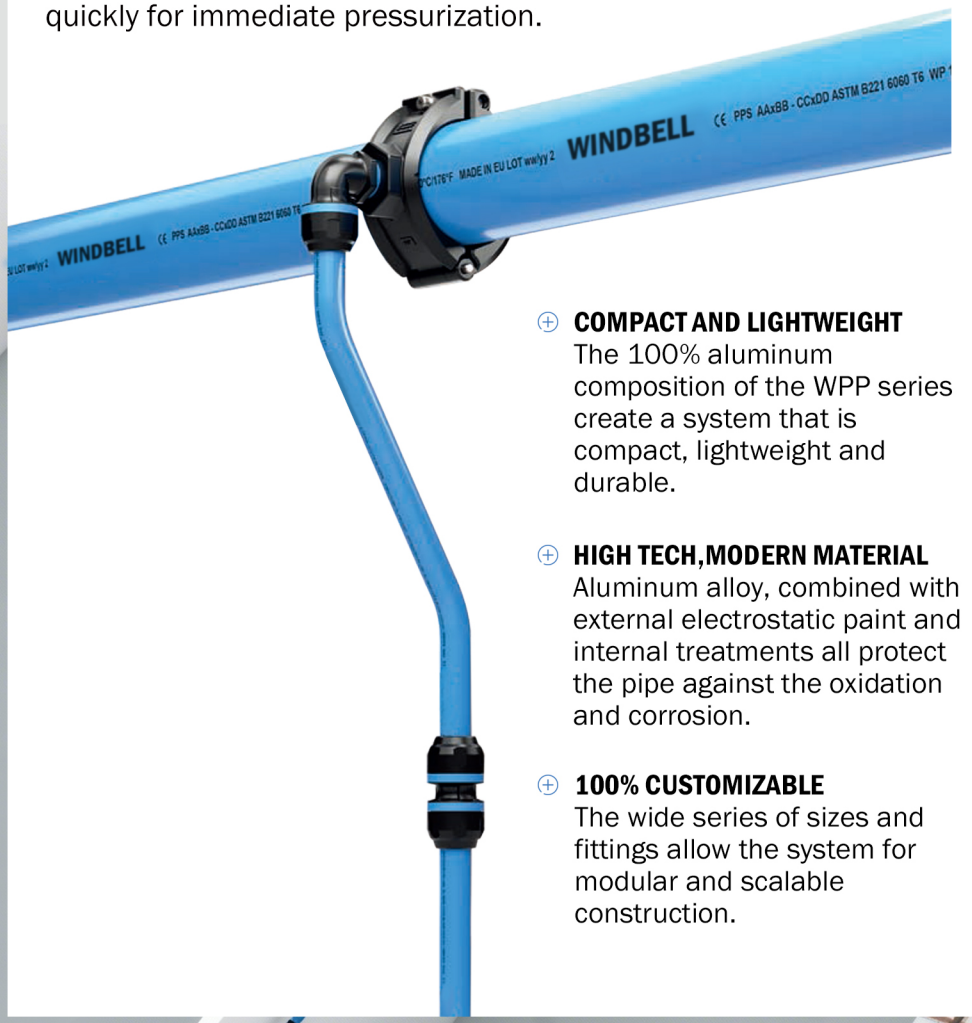


**Pressure gaue and auto drain ball are highly recommended to install with the line filters.*

WPP SERIES

COMPRESSED AIR PIPING SYSTEM

The WPP compressed air piping systems pipes and fittings are 100% aluminum,compact,lightweight and have a high degree of mechanical strength. The system can be installed easily and quickly for immediate pressurization.



Benefits of WPP piping system

EAESY AND QUICK ASSEMBLE
Simply insert the chamfered pipe into fitting then tighten the nut or M8 bolts to the recommended torque setting.

LEAK FREE WITH MINMAL PRESSURE LOSS
The WPP piping system creates a secure, leak free connection. The smooth internal surface generates a laminar flow,a low friction coefficient anda maximum flow diameterwhich are all factors to reducepressure loss.

COMPACT AND LIGHTWEIGHT
The 100% aluminum composition of the WPP series create a system that is compact, lightweight and durable.

HIGH TECH,MODERN MATERIAL
Aluminum alloy, combined with external electrostatic paint and internal treatments all protect the pipe against the oxidation and corrosion.

COMPATIBLE WITH COMPRESSOR OIL
Aluminum and viton seals are compatible with compressor lubricants.

100% CUSTOMIZABLE
The wide series of sizes and fittings allow the system for modular and scalable construction.

TOUGH MATERIAL
Aluminum guarantees long termperformance: mechanical strength pressure resistance shock absorbent.

WPP SERIES

TECHNICAL SPECIFICATIONS

Compressor*					Length of the main line								
Power		Flow rate			50 m	100 m	150 m	300 m	500 m	750 m	1000 m	1300 m	1600 m
kW	HP	Nm3/h N	Nl/min	Scfm	164 ft	328 ft	492 ft	984 ft	1640 ft	2460 ft	3280 ft	4265 ft	5249 ft
2,2	3	22	367	13	1/2''	1/2''	3/4''	3/4''	1''	1''	1''	1''	1/4''
3	4	30	500	18	1/2''	3/4''	3/4''	1''	1''	1''	1/4''	1/4''	1/4''
4	5.5	40	667	24	3/4''	3/4''	1''	1''	1/4''	1/4''	1/4''	1/4''	1/4''
5.5	7.5	50	839	29	3/4''	1''	1''	1''	1/4''	1/4''	1/4''	1 1/2''	1 1/2''
7.5	10	70	1167	41	3/4''	1''	1''	1/4''	1/4''	1 1/2''	1 1/2''	1 1/2''	1 1/2''
11	15	100	1667	59	1''	1/4''	1/4''	1/4''	1 1/2''	1 1/2''	1 1/2''	2''	2''
15	20	150	2500	88	1/4''	1/4''	1/4''	1 1/2''	2''	2''	2''	2''	2 1/2''
18	25	180	3000	106	1/4''	1/4''	1 1/2''	1 1/2''	2''	2''	2''	2 1/2''	2 1/2''
22	30	220	3667	129	1 1/2''	1 1/2''	1 1/2''	2''	2''	2''	2 1/2''	2 1/2''	2 1/2''
26	35	260	4334	153	1 1/2''	1 1/2''	1 1/2''	2''	2''	2''	2 1/2''	2 1/2''	2 1/2''
30	40	300	5000	176	1 1/2''	1 1/2''	2''	2''	2 1/2''	2 1/2''	2 1/2''	2 1/2''	3''
37	50	370	6167	218	2''	2''	2''	2''	2 1/2''	2 1/2''	2 1/2''	3''	3''
45	60	450	7500	265	2''	2''	2''	2 1/2''	2 1/2''	3''	3''	3''	3''
55	75	550	9167	324	2 1/2''	2 1/2''	2 1/2''	2 1/2''	3''	3''	3''	3''	4''
75	100	750	12500	441	2 1/2''	2 1/2''	2 1/2''	3''	3''	3''	4''	4''	4''
90	120	900	15000	529	3''	3''	3''	3''	3''	4''	4''	4''	4''
110	150	1100	18334	647	3''	3''	3''	3''	4''	4''	4''	4''	6''
130	175	1300	21667	765	3''	3''	3''	3''	4''	4''	4''	6''	6''
160	215	1600	26667	941	4''	4''	4''	4''	4''	6''	6''	6''	6''
200	270	2000	33334	1176	4''	4''	4''	4''	6''	6''	6''	6''	6''
250	340	2500	41667	1471	6''	6''	6''	6''	6''	6''	6''	6''	6''
300	405	3000	50000	1765	6''	6''	6''	6''	6''	6''	6''	6''	6''
350	475	3500	58334	2059	6''	6''	6''	6''	6''	6''	6''	6''	6''
400	540	4000	66667	2353	6''	6''	6''	6''	6''	6''	6''	6''	
450	600	4500	75000	2647	6''	6''	6''	6''	6''	6''	6''		
500	700	5000	83334	2941	6''	6''	6''	6''	6''	6''			
600	810	6000	100000	3529									
700	950	7000	116667	4118									
800	1080	8000	133334	4706									

**These values may vary slightly from compressor data*

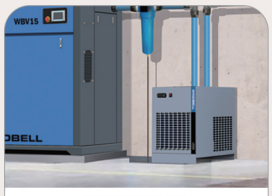
THERMAL EXPANSION

As temperatures fluctuate up or down, aluminum naturally expands and contracts. To compensate, we recommend installing equipment along the line to absorb the movement.

- Use a flexible hose for small diameters.
- Install expansion kits to accommodate large diameters.

An expansion hose or joints are necessary when a straight line exceeds 164 feet or more. You can also use flexible hoses to easily hange direction of the air flow (angles) or avoid obstacles in the facility (pillars, beams, etc.).

COMPRESSED AIR TREATMENTS

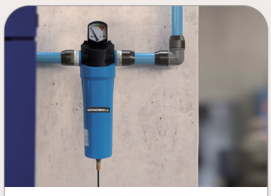


WBD SERIES

Capacity from 0.6-100m^3/min, working pressure from 5-18bar; dew point 3-10℃. for refrigerant air dryer;
Adsorption dryer dew point can be made in -20 - -40℃.

WBT SERIES

Volume from 30-8000L @ pressure 7-40bar.
Either vertical or horizontal is available.
Material: Carbon steel or SS304.



WBF SERIES

Capacity from 1-216 m /min @ working pressure 1-16 bar.
Available with pressure difference gauge and ball type auto drain.

WPP SERIES

Easy and quick to assemble;leak free with minimal pressure lose; compact and lightweight; high tech, modern material; compatible with compressor oil; 100% customizable.

WINDBELL®

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