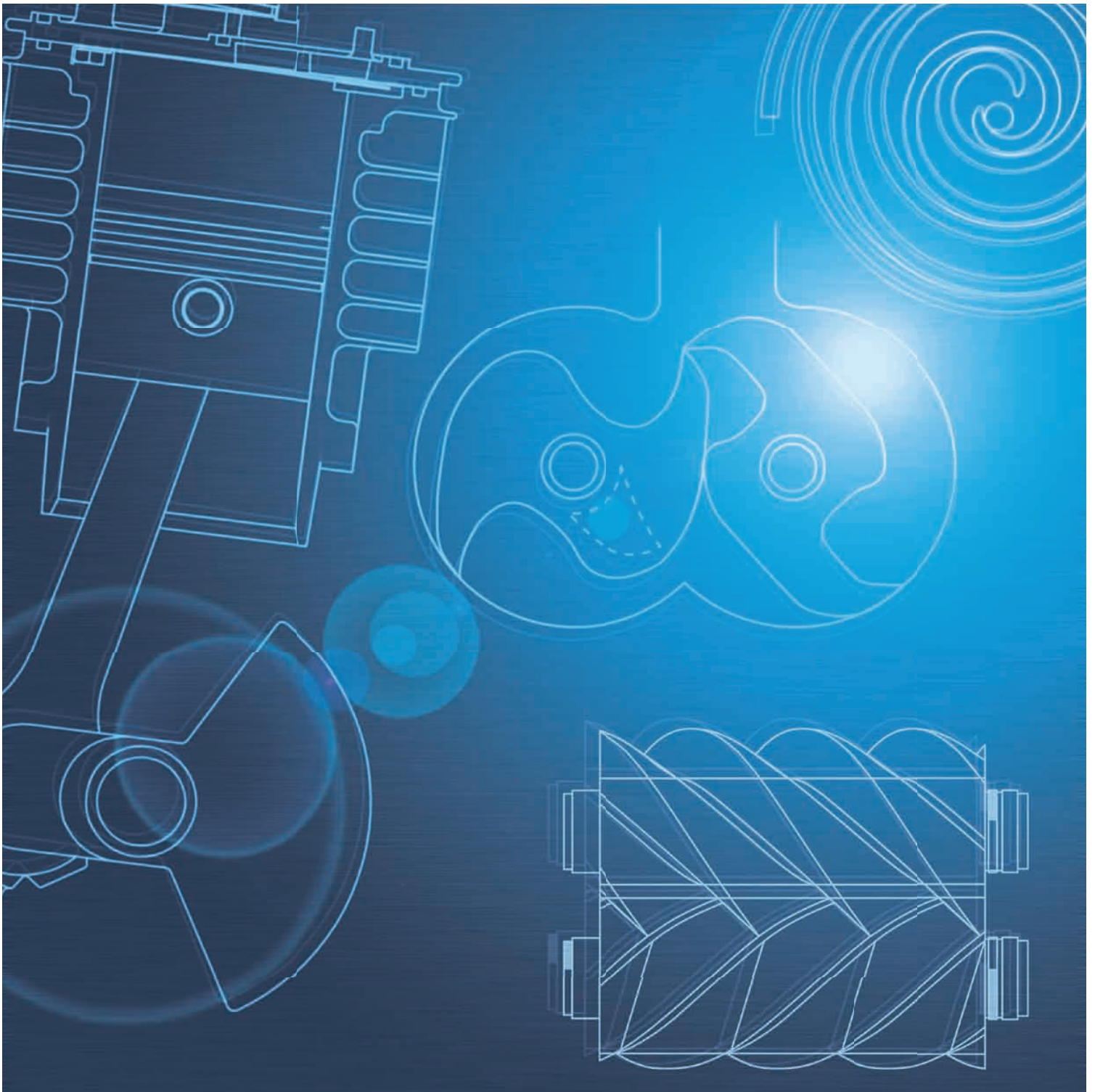


AIR COMPRESSOR

(0.2~30kW)

Oil-lubricated reciprocating type	0.75~11kW
Oil-free reciprocating type	0.2~11kW
Oil-free scroll type	0.75~30kW



Booster Compressor

Tough and quiet. Three Series are available.

BOOSTER Compressor

◆TFBS Series Small Oil-free Booster Compressor

Oil-free reciprocating booster compressor

The World's first small-size Oil-free booster compressor.
For: Partial boost of air pressure at usage points to replace the booster valves.
Provides a small boost of inactive gases such as nitrogen gas.

- Employs an inner compression system to prevent leakage of gas.
- Has a long maintenance cycle, 10,000 operating hours before maintenance is required.

TFBS04-8.5



TFBS Series Small Oil-free Booster Compressor

Type	Motor rated output kW	Operation control	Control pressure MPa	Air delivery L/min(50Hz/60Hz)	Air receiver L	Air inlet B	Air outlet B	External dimensions (W×L×H) (mm)	Mass (kg)	Noise level(Front1.5m) dB(A) (50Hz/60Hz)	Voltage
TFBS04-8.5	0.4	Pressure switch	0.65~0.85	185/220	20	Rc $\frac{3}{8}$ ×1	Rc $\frac{3}{8}$ ×1 Ball valve	460×305×615	28	63/64	Three phase
TFBS07-8.5	0.75			295/335	39			775×330×660	45	66/67	

※1. Air delivery is discharged air volume converted to atmospheric pressure at 0.4MPa intake and 0.85MPa exhaust pressure. ※2. If intake air/gas pressure is more than 0.4MPa, reduce to 0.4MPa or less with the pressure regulator. ※3. Air/gas supplied to the unit must be free from oil or moisture. ※4. Noise is measured in an anechoic room 1.5M front of the unit. ※5. It is directly coupled with the motor and specifications differ according to 50 or 60Hz. ※6. Do not install where atmosphere is corrosive. ※7. The air filter with 5 μ m element is the standard accessory.

◆CFBS Series Oil-free Booster Compressor

CFBS55-14

The world's first oil-free booster compressor.
For: Boosting up air pressure
Boosting up nitrogen gas pressure

- It is a quiet packaged type with a reservoir tank.
- Long maintenance cycle, 10,000 operating hours or 4 years.
- Maximum air/gas pressure is 1.4MPa, and it is versatile.



CFBS Series Oil-free Booster Compressor

Type	Motor rated output kW(PS)	Operation control	Pressure range, intake air/gas	Control pressure MPa	Air delivery L/min	Air receiver L	Air inlet B	Air outlet B	External dimensions (W×L×H) (mm)	Mass (kg)	Noise level (Front1.5m) dB(A)	Voltage
CFBS37-14	3.7(5)	Computer assisted dual control	0.2~0.5	1.2~1.4	1080	70	Rc $\frac{3}{4}$ ×1 Ball valve	Rc $\frac{3}{4}$ ×1 Ball valve	1180×750×1100	215	55	Three phase
CFBS55-14	5.5(7.5)				1750					235	56	
CFBS110-10	11(15)			0.8~1.0	3800	—			1350×750×1650	500	60	

※1. Air delivery is discharged air volume converted to atmospheric pressure at 0.5MPa intake and 1.4MPa exhaust pressure. ※2. If intake air/gas pressure is more than 0.5MPa, reduce to 0.5MPa or less with the pressure regulator. ※3. Air/gas supplied to the unit must be free from oil or moisture. Install the reservoir tank with 80 liter or more to prevent them. (The tank is optional) ※4. Noise is measured in an anechoic room 1.5M front of the unit at full load. ※5. Do not install where atmosphere is corrosive. ※6. The main line filter with 5 μ m element is the standard accessory.

BOOSTER Compressor

◆CLBS Series Oil Lubricated Booster Compressor

Oil-lubricated reciprocating booster compressor

It boosts air/gas pressure to 3.0MPa
For: Laser beam machining,
Blow molding, etc.

- It is a quiet packaged type with a reservoir tank.
- It can be used with wide range of air/gas pressure.
- External signal data input/output is available as an optional part.

CLBS55-30



CLBS Series Oil Lubricated Booster Compressor

Type	Motor rated output kW(PS)	Operation control	Pressure range, intake air/gas	Control pressure MPa	Air delivery L/min	Air receiver L	Air inlet B	Air outlet B	External dimensions (W×L×H) (mm)	Mass (kg)	Noise level (Front1.5m) dB(A)	Voltage
CLBS55-30	5.5(7.5)	Computer assisted dual control	0.5~1.0	2.8~3.0	1300	70	Rc $\frac{3}{4}$ ×1 Ball valve	Rc $\frac{3}{4}$ ×1 Ball valve	1230×870×1115	340	56	Three phase
CLBS75-30	7.5(10)				2100					375		

※1. Air delivery is discharged air volume converted to atmospheric pressure at 1.0MPa intake and 3.0MPa exhaust pressure. ※2. If intake air/gas pressure is more than 1.0MPa, reduce to 1.0MPa or less with the pressure regulator. ※3. Air/gas supplied to the unit must be free from oil or moisture. Install the reservoir tank with 80 liter or more to prevent them. (The tank is optional) ※4. Noise is measured in an anechoic room 1.5M front of the unit at full load. ※5. Do not install where atmosphere is corrosive. ※6. The main line air filter with 5 μ m element is the standard feature.



Safety precautions

- Use air compressors in this catalog for air only. (Uses other than air can cause fire, damage, etc.)
- Never use respiratory equipment which directly sucks compressed air. (If done, it can cause serious injury.)



As we continuously develop and improve our products, models, specifications and photos are subject to change without notice.



ANEST IWATA Corporation

3176, Shinyoshida-cho, Kohoku-ku,
Yokohama 223-8501, Japan
Tel: 045-591-1122 Fax: 045-593-0524
<http://www.anest-iwata.co.jp/>