

100% Oil Free Reciprocating Air Compressor



The Air of Trust

World's Only SEIZE FREE Air Compressor



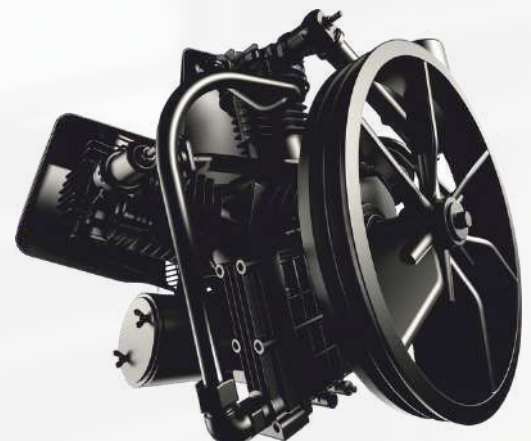
Our unique Seize Free Technology ensures continuous functioning of the compressor, withstanding high temperatures (up to 300°C) and high resistance to extreme environments. To eliminate inconsistent operation, a heat resistant and thermosetting composite resin piston is used in place of conventional rider ring technology to provide seize free functioning.



Heat resistant and Thermosetting composite resin piston

Critical Maintenance Free (CMF) technology is the only of its kind in the world that gives you a combination of oil-free air, continuous and heavy-duty running and No risk of seizure. As a Patented technology of Anest Iwata, Japan, it brings in: - → Safety → Heavy Duty Operation → 100% oil Free Air

High temperature resistance
(upto 300°C)



Major Applications

- All ISO 14001 Industries for 100% Oil Free Air
- Hospitals and Dental Clinics
- Hardware Manufacturing
- Electronic Industries
- Nitrogen Generators
- Oxygen Generation
- Breathing Air
- Oil and Gas
- Analytics & Labs
- Premium Spray Painting
- CNC Machines and Instruments



100% Oil Free Reciprocating Compressors

Single Stage Oil Free Compressor
Base Mounted



Two Stage Oil Free Compressor
Base Mounted



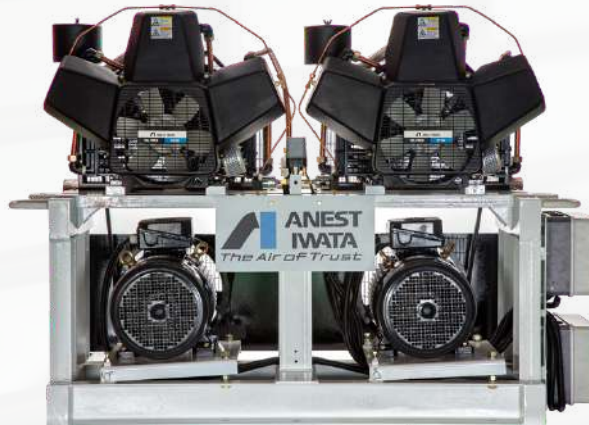
Single Stage Oil Free Compressor
Tank Mounted



Two Stage Oil Free Compressor
Tank Mounted



Duplex Oil Free Compressor



Disclaimer: - All pictures shown are for illustration purpose only. Actual product may vary due to continuous product enhancement.

Technical Specifications

| Tank Mounted | | | | | | | | |
|---------------------------------------|--------|---------|---------------------|--------------------|-----------|-------------------|-----------------|-------------|
| Model | Stage | Power | Piston Displacement | Operating Pressure | Tank Size | Dimensions | Weight (Approx) | Outlet size |
| | | HP | CFM | BAR | Liters | LxWxH (mm) | Kg | Inch |
| TFS 10C-9-4E | Single | 1 | 5.3 | 8.5 | 40 | 880 x 355 x 660 | 70 | 1/2" |
| TFS 10C-9-9E | Single | 1 | 5.3 | 8.5 | 90 | 1305 x 380 x 705 | 80 | 1/2" |
| TFS 20C-9-9E | Single | 2 | 9.4 | 8.5 | 90 | 1305 x 380 x 830 | 100 | 1/2" |
| TFS 20C-9-18E | Single | 2 | 9.4 | 8.5 | 180 | 1580 x 455 x 925 | 130 | 1/2" |
| TFS 30C-9-9E | Single | 3 | 14.6 | 8.5 | 90 | 1305 x 440 x 855 | 125 | 1/2" |
| TFS 30C-9-18E | Single | 3 | 14.6 | 8.5 | 180 | 1580 x 475 x 1000 | 155 | 1/2" |
| TFS 50C-9-18E | Single | 5 | 22.9 | 8.5 | 180 | 1580 x 475 x 1005 | 170 | 1/2" |
| TFS 50C-9-22E | Single | 5 | 22.9 | 8.5 | 220 | 1590 x 515 x 1075 | 195 | 3/4" |
| TFS 50C-9-28E | Single | 5 | 22.9 | 8.5 | 280 | 1600 x 565 x 1120 | 225 | 3/4" |
| TFT 75C-9-22E | Two | 7.5 | 24.4 | 8.5 | 220 | 1590 x 530 x 1110 | 245 | 3/4" |
| TFT 75C-9-28E | Two | 7.5 | 24.4 | 8.5 | 280 | 1600 x 570 x 1155 | 275 | 3/4" |
| TFT 75C-9-50E | Two | 7.5 | 24.4 | 8.5 | 500 | 1910 x 670 x 1260 | 335 | 3/4" |
| TFT 100C-9-22E | Two | 10 | 36.6 | 8.5 | 220 | 1590 x 565 x 1105 | 275 | 3/4" |
| TFT 100C-9-28E | Two | 10 | 36.6 | 8.5 | 280 | 1600 x 600 x 1150 | 295 | 3/4" |
| TFT 100C-9-50E | Two | 10 | 36.6 | 8.5 | 500 | 1910 x 670 x 1255 | 365 | 3/4" |
| TFT 150C-9-28E | Two | 15 | 57.1 | 8.5 | 280 | 1600 x 770 x 1145 | 335 | 3/4" |
| TFT 150C-9-50E | Two | 15 | 57.1 | 8.5 | 500 | 1910 x 830 x 1245 | 400 | 3/4" |
| Base Mounted | | | | | | | | |
| BFS 10D-9E | Single | 1 | 5.3 | 8.5 | N.A | 1212 x 450 x 438 | 60 | 3/4" |
| BFS 20D-9E | Single | 2 | 9.4 | 8.5 | N.A | 1012 x 450 x 554 | 70 | 3/4" |
| BFS 30D-9E | Single | 3 | 14.6 | 8.5 | N.A | 1117 x 563 x 598 | 80 | 3/4" |
| BFS 50D-9E | Single | 5 | 22.9 | 8.5 | N.A | 1117 x 563 x 658 | 90 | 3/4" |
| BFT 75D-9E | Two | 7.5 | 24.4 | 8.5 | N.A | 1396 x 646 x 741 | 180 | 3/4" |
| BFT 100D-9E | Two | 10 | 36.7 | 8.5 | N.A | 1398 x 646 x 727 | 200 | 3/4" |
| BFT 150D-9E | Two | 15 | 57.2 | 8.5 | N.A | 1391 x 646 x 727 | 290 | 1" |
| Vertical Base Mounted (DUPLEX) | | | | | | | | |
| BFS 100DV-9E | Single | 5 + 5 | 46 | 8.5 | N.A | 1300 x 610 x 1580 | 200 | 3/4" |
| BFT 200DV-9E | Two | 10 + 10 | 73.4 | 8.5 | N.A | 1800 x 810 x 1260 | 600 | 1 - 1/2" |
| BFT 300DV-9E | Two | 15 + 15 | 114.4 | 8.5 | N.A | 1770 x 850 x 1280 | 600 | 1 - 1/2" |

Note:-

- All models up to 3 HP also available with single phase motor
- Free Air Delivery (FAD) is measured as per ISO 1217: 2009 - Annex C
- Mean noise level measured at a distance of 1 m according to ISO 2151: 2004 using ISO 9614/2 (sound intensity method); tolerance 3 dB(A)
- Duplex compressors mounted on the base frame (10 hp to 30 hp)
- Vertical tanks are also available from 500 to 5000 liters
- All performance parameters are as per JIS (Japanese Industrial Standards)
- Specifications may change without prior notice



AIR ENERGY CORE TECHNOLOGY CENTER

Engineering Capabilities & Customised Solutions.

We at Anest Iwata Motherson (AIM) are committed to delighting our customers. Our state-of-the-art Air Energy Core Technology Centre located in Yokohama, Japan works relentlessly on innovations and technologies that add value to our products and make us ready to serve our customer's future needs. It is our customer's trust in us that we have developed many "World's First" products.

Always Ahead with Anest Iwata!

**Innovation driven
World's 1st
products**



Oil Free Reciprocating Compressor



Oil Free Scroll Compressor



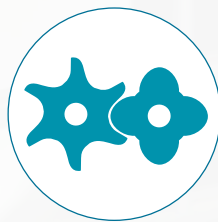
Oil Free Booster Compressor



Oil Free Scroll Vacuum Pump



Reciprocating



Screw



Scroll

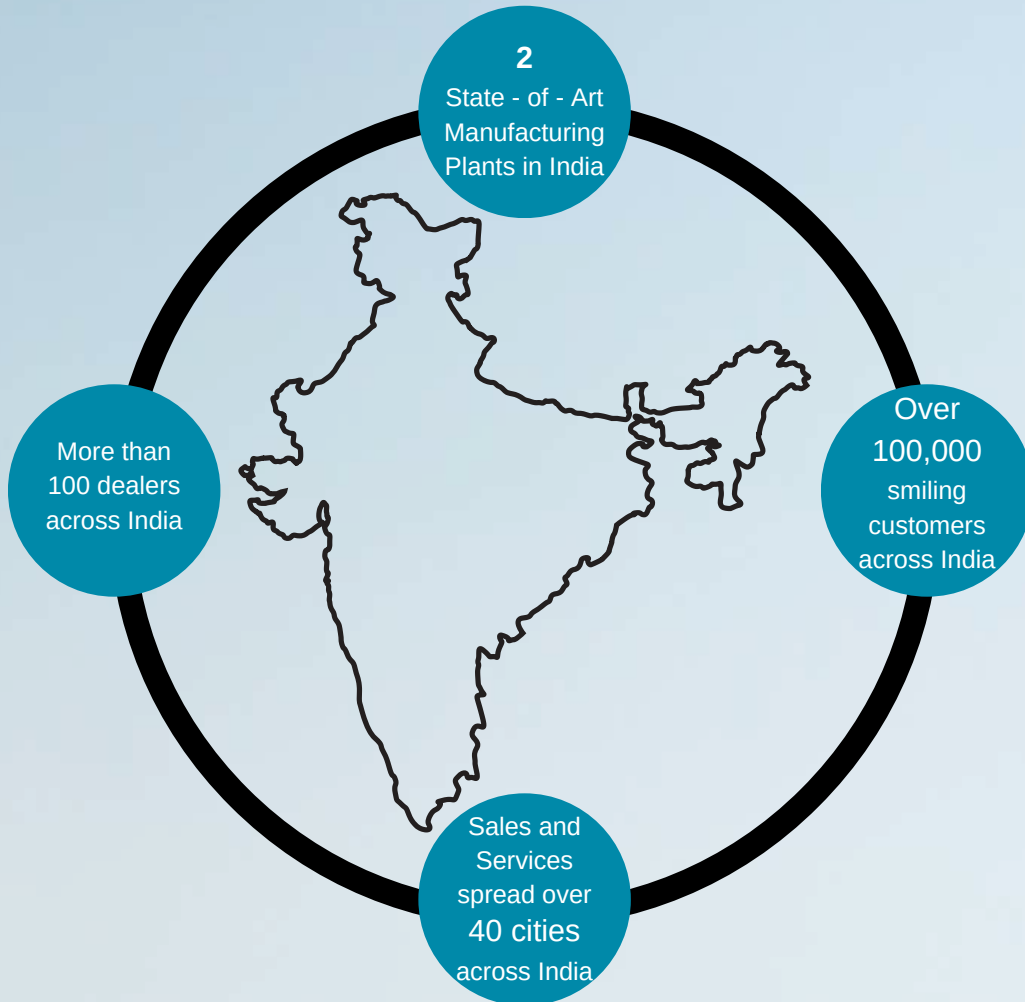


Claw

Compressed Air Solutions in all Technologies



Active with Newest Technology



Anest Iwata Motherson Pvt. Ltd.
B-123 & 124, Sector-63, Noida - 201301,
Distt. Gautam Budh Nagar, UP, India.
Email: anestiwata@aim.motherson.com
Web: www.aimcompressors.com



ISO-9001

For any details reach us at:

Head Office: +91-120-4600-500/510/512/517

North : +91-9910394044 +91-9871362399

East : +91-9990023423 +91-9560806653

West : +91-9899553648 +91-9850993326

South : +91-9940654560 +91-9866000499

AUTHORISED CHANNEL PARTNER

