



Critical Maintenance Free (CMF) Technology is the only of its kind in the world which gives you a combination of 100% oil free air, continuous and heavy duty running and NO risk of seizure. As a patented technology of Anest Iwata, Japan, it brings in:

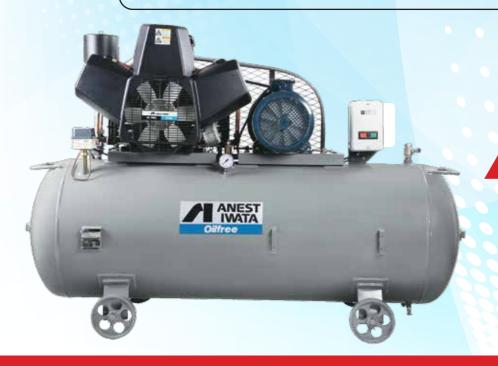
• 100% oil free No risk of seizure Safety Heavy duty operation

# The Air of Trust

# Anything else is a compromise!

# **Major Applications**

- All ISO 14001 Industries for 100% oil free air
  - CNC Machines & Instrumentation
- Hospitals, Nursing Homes & Dental Clinics
- Laboratories
   Color Sorting
   Electronic Industries
  - Hardware Manufacturing
  - Nitrogen Generators
     Petroleum & Gas etc.



Air Cooled 100% Oil Free Reciprocating Air Compressor

## Air Cooled 100% Oil Free Reciprocating Air Compressor



Anest Iwata Motherson (AIM) is a joint venture between Anest Iwata, Japan, a world leader in oil free as well as lubricated compressors and Samvardhana Motherson Group, an Indian conglomerate with presence in various manufacturing sectors. Manufactured in state-of-the-art plants in India, our products are specially engineered for tropical conditions and are exported the world over.

AIM's oil free compressors deploy patented and proven CRITICAL MAINTENANCE FREE (CMF) technology, the only of its kind in the world. The same reliable and durable technology is now available for oil free compressed air applications, customized to your requirement. All products leave our plant only after passing stringent quality checks.

What makes us different is our belief that we grow when we help our customers succeed. We subscribe to long term relationship with clients and have a keen understanding of their processes, needs and objectives. We are innovative, flexible and committed to our customer's piece of mind.

### **Our Technology**

Our unique Seizure Free technology ensures that the compressors can withstand continuous use under high temperature (upto 300°C) and possess high resistance to extreme environments. A heat resistant and thermosetting composite resin Piston has replaced the conventional rider ring technology, which used to give inconsistent operation and often resulted in seizure.



#### **Duplex Compressor**



#### **Technical Specifications**

	SINGLE STAGE													TWO STAGE												
Model	Motor	Piston Displacement		Operating		Tank Capacity						Model	Motor Rating	Piston Displacement		Operating Pressure		Tank Capacity								
	Rating HP	LPM	CFM	PSI	Kg/cm <sup>2</sup>	n <sup>2</sup> Liters					iiiodo:	HP	LPM	CFM	PSI	Kg/cm <sup>2</sup>	Liters									
												Tank Mounted					20	40	90	180	220	280	500			
Tank Mounted						20	40	90	180	220	280	500	TFT 75C-9	7.5	692	24.43	121	8.5					•	•	•	
TFS 05-7	0.5	88	3.1	100	7	•		_					TFT 100C-9	10	1038	36.66	121	8.5					•	•	•	
TFS 10C-9	1	151	5.34	121	8.5		•	•		7			TFT 150C-9	15	1619	57.18	121	8.5						•	•	
TFS 20C-9	2	267	9.44	121	8.5		V	•	•				Base Frame													
TFS 30C-9	3	408	14.41	121	8.5		_	7	•				BFT 75C-9	7.5	692	24.43	121	8.5								
TFS 50C-9	5	649	22.93	121	8.5				•	•	•		BFT 100C-9	10	1038	36.66	121	8.5								
Base Frame													BFT 150C-9	15	1619	57.18	121	8.5	N/A							
BFS 30C-9	BFS 30C-9 3 408 14.41				8.5								BFT 200V-9	10+10	2076	73.32	121	8.5								
BFS 50C-9	5	649	22.93	121	8.5	N/A							BFT 300V-9	15+15	3238	114.36	121	8.5								

## The AIM Advantage

Unique seizure free technology: Ensures heavy and continuous duty operation with no risk of seizure

Air-cooled design eliminates: Need for cooling towers, water pumps, water pipelines and tedious maintenance World-class testing facilities ensure: Compliance with all national and international safety, quality and durability parameters. Tried and tested, the world over: Sold all over Europe, USA and Asia. Key Components are imported from Japan. We are closer than you think:
Anest Iwata Motherson has an extensive sales and service network with more than 70 channel

partners pan India.

#### **Duplex Compressors**

Duplex Compressors mounted on Base frame (20 HP & 30 HP)

- Low noise and vibration levels · Easy installation · Continuous and heavy duty operation · Cost efficiency
- Vertical tanks are also available from 500 to 3000 liters.
- All performance parameters are as per JIS.

As Product Development is a continuous process with us, specifications may change without prior notice

#### Tried and tested, the world over

For details, please reach us at:

We are closer than you think: Anest Iwata Motherson has Sales & Service Channel Partners Pan India.
Oil Free and Lubricated Air Compressors & Vacuum Pumps

Nothing contained in this brochure is intended to extend any warranty representation, expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale shall be in accordance with **ANEST IWATA MOTHERSON PRIVATE LIMITED's** standard terms and conditions of such products.

www.aimcompressors.com

**Authorised Channel Partner**