ANEST IWATA motherson

Air Dryer and Accessories







The Air of Trust

Anest Iwata Motherson

Anest Iwata Motherson (AIM) is a joint venture between Anest Iwata Corporation, Japan, and Motherson Group, India. Anest Iwata Corporation is one of the global leaders in Air Compressors and Vacuum Pumps with more than 9 decades of inspiring history of technological excellence.
Anest Iwata Motherson is committed to delighting its customers by ensuring the supply of the best quality products, supported with effective after-sales services at optimum value. The company has two state-of-the-art manufacturing facilities and a wide network of sales and service centers spread across India.

Anest Iwata Inspiring History

1926
Established In Japan

1928
First Reciprocating Compressor Manufactured

1977
Screw Air compressor Launched

1984
World's First Oil-Free Reciprocating Compressor with "Seize Free Technology" Launched



1991
World's First Oil-Free Scroll Air Compressor Launched

1993
World's First Oil-Free Scroll Vacuum Pump Launched



2000
Anest Iwata Motherson Established

2004
World's First Oil-Free Booster Compressor Launched

2005
Braking Compressor for Indian Railways Launched

2010
Second Facility Inaugurated in Greater Noida (India)

Second Facility in Greater Noida



2012
Oil-Free Claw Air Compressor Launched

2013
Reciprocating Vacuum Pump Launched in India

2015
MEGASY Series Medical Air & Vacuum Unit Launched

2017
Electric Bus Compressor Launched

2018
Screw Air Compressor Sales Started in India

2019
Rotary Vane Vacuum Pump Launched

2022
"ARID" Air Dryer Launched



Salient features



- Small footprints
- More sturdy
- Access to all parts by single cover removal
- Easy to maintain
- Excellent performance

Technical Specification

Model	Power Supply V/Ph/Hz	CFM	Dimensions (L x W x H)	Connection Size (Inch)	Noise Level	Gross Weight (Kg)
RD 20	230/1/50	20	515 x 310 x 430	1/2" BSP	≤70 dBA	37
RD 40	230/1/50	40	550 x 320 x 530	3/4" BSP	≤70 dBA	44
RD 60	230/1/50	60	550 x 320 x 530	3/4" BSP	≤70 dBA	45
RD 72	230/1/50	72	630 x 320 x 530	3/4" BSP	≤70 dBA	50
RD 125	230/1/50	125	705 x 440 x 600	1½" BSP	≤70 dBA	68
RD 150	230/1/50	150	705 x 440 x 600	1½" BSP	≤70 dBA	68
RD 250	230/1/50	250	810 x 535 x 690	1½" BSP	≤70 dBA	105
RD 300	415/3/50	300	810 x 535 x 690	1½" BSP	≤70 dBA	107
RD 400	415/3/50	400	950 x 850 x 1250	2" Flanged	≤70 dBA	300
RD 500	415/3/50	500	950 x 850 x 1250	2" Flanged	≤70 dBA	300
RD 650	415/3/50	650	1000 x 900 x 1400	2½" Flanged	≤75 dBA	360
RD 750	415/3/50	750	1000 x 900 x 1400	2½" Flanged	≤75 dBA	360
RD 1000	415/3/50	1000	1250 x 1000 x 1550	3" Flanged	≤75 dBA	410
RD 1100	415/3/50	1100	1250 x 1000 x 1550	3" Flanged	≤75 dBA	410
RD 1250	415/3/50	1250	1500 x 1100 x 1600	4" Flanged	≤75 dBA	450
RD 1500	415/3/50	1500	1500 x 1100 x 1600	4" Flanged	≤75 dBA	700
RD 2000	415/3/50	2000	1650 x 1240 x 2000	6" Flanged	≤75 dBA	1000

Note:

- Data for the dryers above 1100 cfm are available on request
- FAD based on 45°C inlet temperature and 40°C ambient temperature at 7kg/cm² operating pressure and 3°C to 7°C pressure dew point
- Water cooled models starting from 550 cfm and above are available on request
- Due to continuous engineering improvements, technical specifications are subject to change without prior notice.

Air Filter Accessory



- Easy Replaceable filter element
- Robust Construction
- Modular Design
- Reliable

Purification of compressed air is needed because the air we breathe carries contaminants. Airborne particles, water, microbes and chemical gases enter compressors and in a compressed state these contaminants become concentrated and more destructive. In the compressed air system, hard particles assault equipment and piping. The result is damage to the system and generation of more particles. Examples of particles found in a compressed air system include desiccant dust, rust, pipe scale, metal oxides and dirt, which can be eliminated by applying proper filtration system.

Technical Specification

Model Name (Drain Internal) IG	Model Name (Drain External) EG	Filter Type	Filtration Range (Micron)	Flow Capacity (CFM)	Line Connection (Inch)
TPF-35IG	TPF-35EG	Pre Filter	3	35	1/2
TAF-35IG	TAF-35EG	Pre Filter	1		
TFF-35IG	TFF-35EG	Oil Filter	0.01		
TCF-35IG	TCF-35EG	Activated Carbon Filter	0.01		
TPF-60IG	TPF-60EG	Pre Filter	3	61	1
TAF-60IG	TAF-60EG	Pre Filter	1		
TFF-60IG	TFF-60EG	Oil Filter	0.01		
TCF-60IG	TCF-60EG	Activated Carbon Filter	0.01		
TPF-100IG	TPF-100EG	Pre Filter	3	102	1-1/2
TAF-100IG	TAF-100EG	Pre Filter	1		
TFF-100IG	TFF-100EG	Oil Filter	0.010		
TCF-100IG	TCF-100EG	Activated Carbon Filter	0.01		
TPF-170IG	TPF-170EG	Pre Filter	3	173	
TAF-170IG	TAF-170EG	Pre Filter	1		
TFF-170IG	TFF-170EG	Oil Filter	0.01		
TCF-170IG	TCF-170EG	Activated Carbon Filter	0.01		
TPF-250IG	TPF-250EG	Pre Filter	3	254	
TAF-250IG	TAF-250EG	Pre Filter	1		
TFF-250IG	TFF-250EG	Oil Filter	0.01		
TCF-250IG	TCF-250EG	Activated Carbon Filter	0.01		
TPF-375IG	TPF-375EG	Pre Filter	3	378	
TAF-375IG	TAF-375EG	Pre Filter	1		
TFF-375IG	TFF-375EG	Oil Filter	0.01		
TCF-375IG	TCF-375EG	Activated Carbon Filter	0.01		
TPF-490IG	TPF-490EG	Pre Filter	3	494	2
TAF-490IG	TAF-490EG	Pre Filter	1		
TFF-490IG	TFF-490EG	Oil Filter	0.01		
TCF-490IG	TCF-490EG	Activated Carbon Filter	0.01		
TPF-625IG	TPF-625EG	Pre Filter	3	625	2-1/2
TAF-625IG	TAF-625EG	Pre Filter	1		
TFF-625IG	TFF-625EG	Oil Filter	0.01		
TCF-625IG	TCF-625EG	Activated Carbon Filter	0.01		

Technical Specification

Model Name (Drain Internal) IG	Model Name (Drain External) EG	Filter Type	Filtration Range (Micron)	Flow Capacity (CFM)	Line Connection (Inch)
TPF-775IG	TPF-775EG	Pre Filter	3	777	2-1/2
TAF-775IG	TAF-775EG	Pre Filter	1		
TFF-775IG	TFF-775EG	Oil Filter	0.01		
TCF-775IG	TCF-775EG	Activated Carbon Filter	0.01		
TPF-1000IG	TPF-1000EG	Pre Filter	3	1000	4
TAF-1000IG	TAF-1000EG	Pre Filter	1		
TFF-1000IG	TFF-1000EG	Oil Filter	0.01		
TCF-1000IG	TCF-1000EG	Activated Carbon Filter	0.01		
TPF-1270IG	TPF-1270EG	Pre Filter	3	1271	
TAF-1270IG	TAF-1270EG	Pre Filter	1		
TFF-1270IG	TFF-1270EG	Oil Filter	0.010		
TCF-1270IG	TCF-1270EG	Activated Carbon Filter	0.01		
TPF-1600IG	TPF-1600EG	Pre Filter	3	1600	
TAF-1600IG	TAF-1600EG	Pre Filter	1		
TFF-1600IG	TFF-1600EG	Oil Filter	0.01		
TCF-1600IG	TCF-1600EG	Activated Carbon Filter	0.01		
TPF-1900IG	TPF-1900EG	Pre Filter	3	1907	6
TAF-1900IG	TAF-1900EG	Pre Filter	1		
TFF-1900IG	TFF-1900EG	Oil Filter	0.01		
TCF-1900IG	TCF-1900EG	Activated Carbon Filter	0.01		

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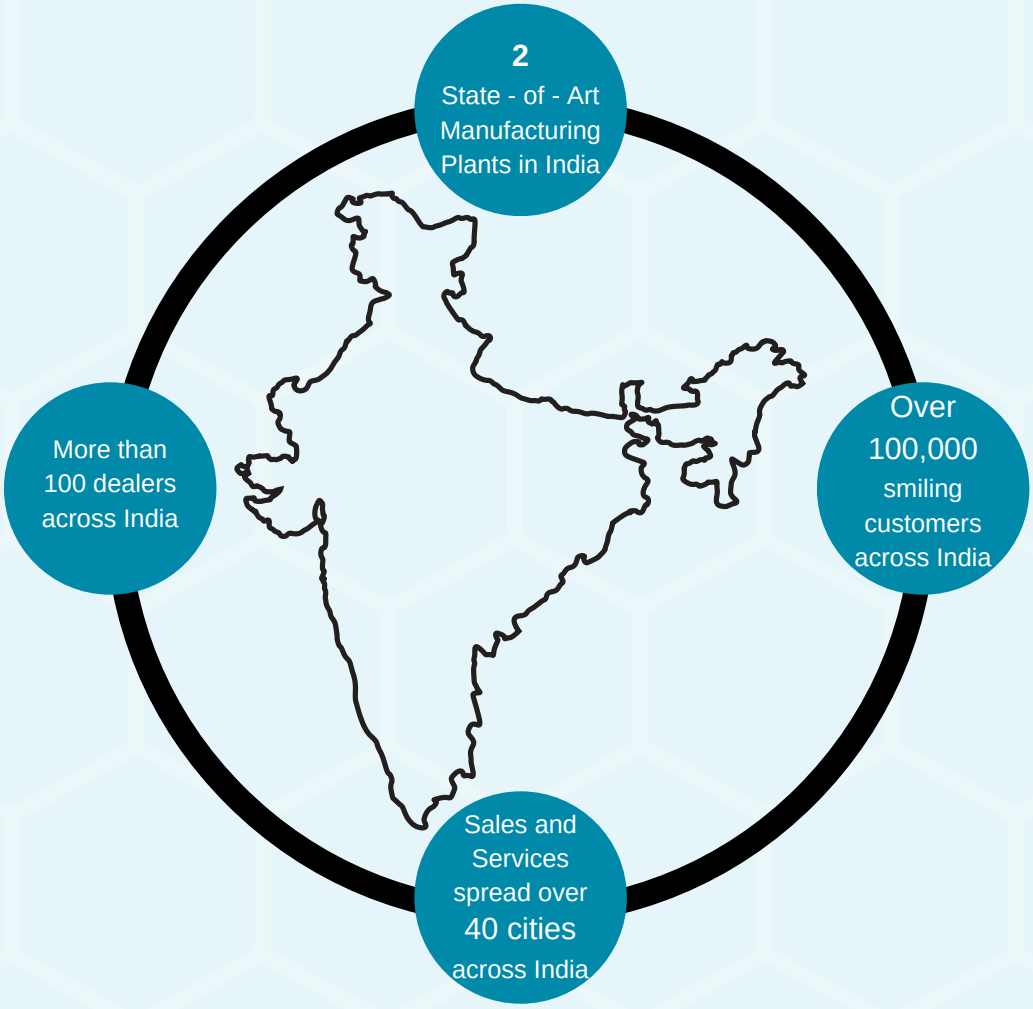
Active with Newest Technology



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