

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



2022
"ARID"
Air Dryer Launched

2019
Rotary Vane
Vacuum Pump Launched

2018
Screw Air Compressor
Sales Started in India

2017
Electric Bus
Compressor Launched

2015
MEGASY Series
Medical Air & Vacuum Unit
Launched

Second Facility in Greater Noida



2013
Reciprocating Vacuum
Pump Launched in India

2012
Oil-Free Claw
Air Compressor Launched

2005
Braking Compressor for
Indian Railways Launched

2010
Second Facility Inaugurated
in Greater Noida (India)

2000
Anest Iwata Motherson
Established



2004
World's First Oil-Free
Booster Compressor
Launched

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



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

1928
First Reciprocating
Compressor
Manufactured

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




1926
Established
In Japan





1977
Screw Air compressor
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 | | |