



AIR
WAVE
Compressors

DIRECT-DRIVEN / OIL INJECTED
ROTARY SCREW COMPRESSORS

PISTON COMPRESSORS

AIR DRYERS

FIXED AND VARIABLE SPEED
2.2KW-90KW



ABOUT US

At Airwave compressors, we are driven by one simple principle: deliver uncompromising quality through precision engineering.

With years of industry experience, we specialise in providing high-performance air compressors tailored to the demands of modern industry.

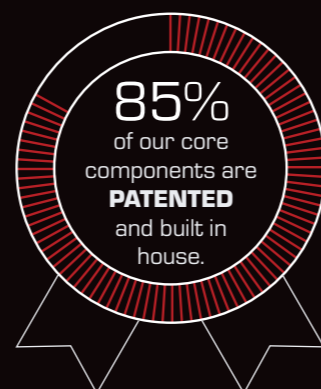
Reliability starts with quality.

That's why our compressors undergo strict, quality control protocols, ensuring that every product meets exacting standards before it reaches your facility. Our commitment doesn't end at delivery - our systems are built to last and perform under pressure.



WHAT SETS US APART?

85% of our core components are patented, giving us complete control over the performance, efficiency, and reliability of our machines. Most of our components are built in-house, from raw materials to final assembly ensuring each compressor lives up to our uncompromising standards.



WHY CHOOSE AIRWAVE

High Energy Saving

The combinations of high quality air-ends and high efficiency motors, ensure substantial energy savings, and exceptional performance.

Low Noise Level

The use of efficient soundproofing materials means that they are suitable for install in any working environment.

High Reliability

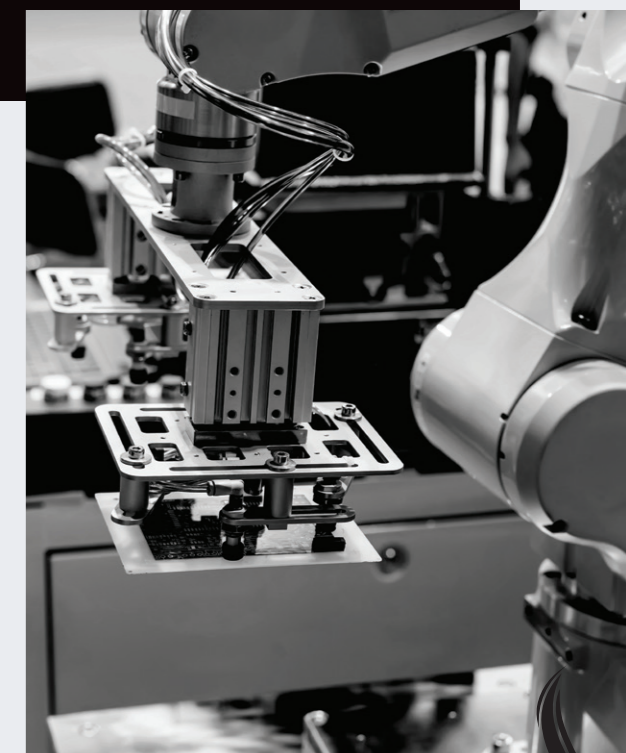
The use of high quality components, strict quality controls and testing, results in a product that offers a long service life with maximum reliability.

Plug & Play

All our compressors come tested, and pre-filled with oil from the factory. Simple to install, which allows you to get working easier and quicker.



**On all Air ends,
Inverters and
controllers**



MICRO/VARI-SPEED ENERGY SAVING DESIGN

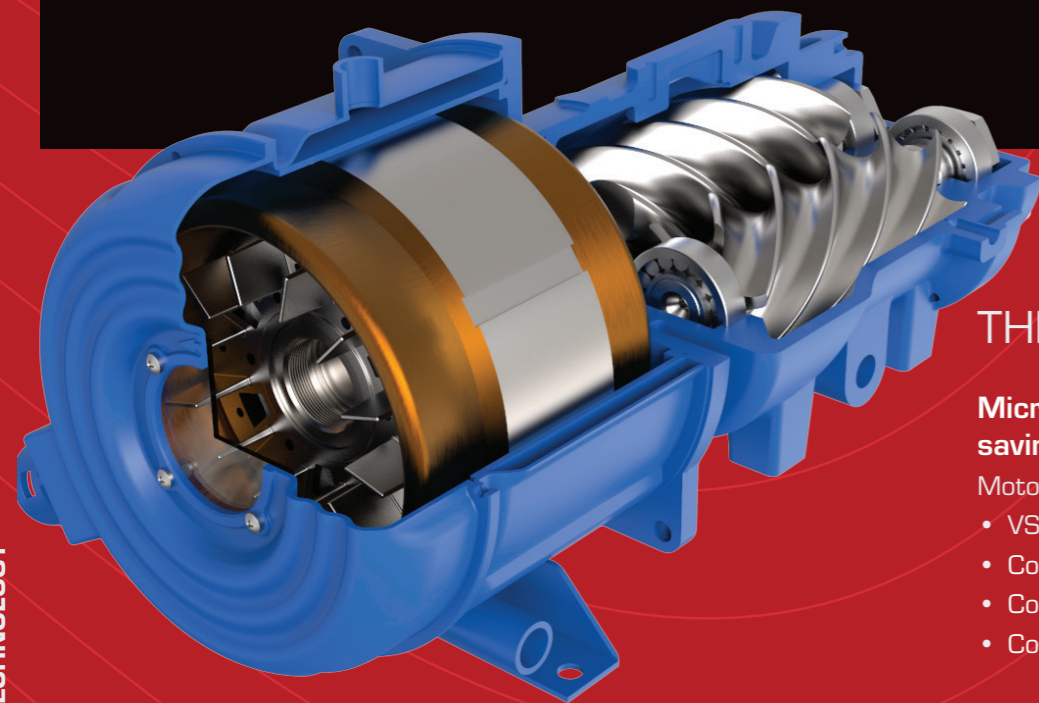
CONTROLLERS

THE GOAL

We designed this compressor to eliminate the common failures found in the field by simply removing the components that fail over time.

- Hydraulic Hoses - replaced with solid pipework
- Drive Belts and Motor Bearings - replaced with a Direct drive oil cooled permanent magnet motor (improved power transmission and no bearings)
- Vibration - Internally the entire Air-End and motor are mounted on anti-vibration pads.

Reducing energy consumption has become a global challenge in terms of environmental impact. Reducing power consumption and protecting our valuable energy resources represents one of the greatest global environmental challenges of our time. The Variable speed range of compressors from Airwave provide high performance, by combing variable speed drives, with direct drive technology for a cost effective energy saving solution.



THE HEART

Micro/Vari-speed energy saving design

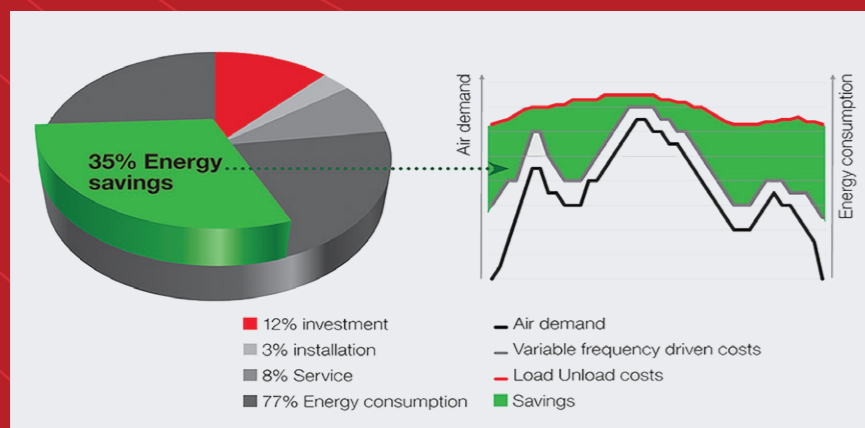
- Motor: Direct drive
- VSD frequency inverter
 - Continuous regulation
 - Constant pressure control
 - Coaxial integrated design

THE EFFICIENCIES

35% SAVING

VSD Direct drive compressor

The use of a variable frequency inverter that is able to dynamically adjust to the demand, allows the elimination of wasteful power losses by constantly adjusting the motor speed to match real-time air consumption.



THE BRAIN

Multi-functional touch screen control board & inverter

Controller: MAM 6080

- Intuitive touchscreen controls
- Full readout of parameters
- Visible hours counter
- 7-day timer function



The intuitive, multi function controller allows the user to adjust all the important settings. It enables the user to dial in exact pressures, adjust motor speeds and a built-in 7-day timer. The display allows you to monitor pressure, temperature and motor frequency. It also has advanced monitoring alarms and service reminder messages. There is also the ability to use a remote start feature.

THE OTHER CLEVER BIT

ECO-Speed Controller

- Pressure and temperature display
- Voltage display
- Status Alarms
- Remote start function

This digital controller enables the user to input exact pressures. The display keeps you informed of the compressors status, pressure and temperature. It also features a 7-day timer and remote start function.



UNCOMPROMISING QUALITY

Built to perform and stay the distance

- Easy access for maintenance
- Noise reducing cabinet
- Large cooling capacity

Encapsulated in an acoustic cabinet to reduce noise, with all doors easily removed for maintenance.

Large oil cooler with thermostatically controlled fan, reduces the compressors temperature in the warmest of environments, whilst eliminating the need for a conventional thermostat, further reducing power consumption.

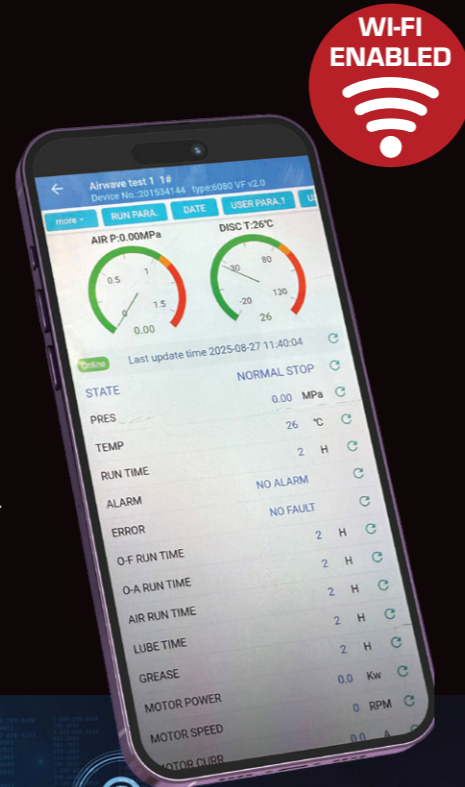


REMOTE MONITORING - WI-FI ENABLED

FOR SMARTER, MORE EFFICIENT AND PREDICTIVE OPERATION

- Statistical analytics
- Remote controls
- Optimisation
- Operation/maintenance

Our compressors are equipped to utilise IoT technology, giving users more control and smarter operation. By connecting to a central system via the cloud, the compressors can transmit real time data, monitoring performance and even predict maintenance. This not only reduces downtime costs but also optimises energy efficiency. IoT integration enables remote monitoring and control, giving operators greater visibility and flexibility while ensuring maximum uptime and productivity.



NANO-SPEED

VARIABLE SPEED SCREW COMPRESSOR

- Easy to use
- Direct drive
- Variable speed
- Single phase motors

Upgrade from a traditional piston compressor to a variable speed screw compressor.

The Airwave Nano-speed, variable speed screw compressor is the perfect machine for those looking to upgrade for a more reliable compressor delivering constant air from its single phase motor. Easy to use and maintain, with a fully programmable digital controller, mounted on a compact air receiver.



Nano Speed



- Available options**
- Floor mount
 - Receiver mounted
 - Dryer options



- Controller: Nano Control**
- Intuitive and easy to use
 - Easy to adjust parameters
 - LED display



- Motor: Direct drive**
- No belts, pulleys
 - Maintenance free

- Available motors**
- 7.5-15kW



TR5HP Dryer



MICRO SPEED 4KW-5.5KW

VARIABLE SPEED COMPRESSORS

- Quiet operation
- Easy to maintain
- Touchscreen controls
- 3-phase and single phase

Micro speed delivers power and efficiency.

Designed for a powerful and efficient compressed air solution in a compact footprint. Featuring advanced screw technology, these variable speed compressors ensure consistent performance and energy savings, making them ideal for small to medium industrial applications.

Low maintenance requirements and a user-friendly design, the Airwave Micro-speed provides reliable and cost-effective compressed air generation.



Micro-speed T
4-5.5kW

ECO SPEED 5.5KW-15KW

FIXED SPEED COMPRESSORS

- Quiet operation
- Easy to maintain
- Digital controller
- Plug and play

Eco-speed for durability and consistent airflow

The Airwave Eco-speed features a fixed speed, direct drive pump/ motor for improved efficiency, and reduced maintenance. The advanced digital controller ensures precise monitoring and easy operation.

This compressor delivers dependable power and long service life, making it the ideal choice for continuous operations.



Eco-speed T
5.5-7.5kW

OPTIONS

Available options

- Floor mount
- Receiver mounted
- Built-on dryer

Available motors

- 4kW 3-phase and single phase
- 5.5kW 3-phase and single phase



Controller: MAM 6080

- Intuitive touchscreen display
- Easy to adjust parameters
- 7-day timer



Micro-speed
base unit

OPTIONS

Available options

- Floor mounted
- Receiver mounted
- Built-on dryer

Controller: MAM

- Digital controller
- Easy to adjust parameters
- 7-day timer



Micro-speed TD

Motor: Direct drive

- No belts, pulleys
- Maintenance free



Available motors

- 5.5-15kW 3-phase



Eco-speed base unit
7.5-15kW



Eco-speed TD
5.5-7.5kW

VARI-SPEED 7,5KW-15KW PMT

VARI-SPEED 7,5KW-90KW PMF

VARIABLE SPEED, TANK MOUNTED

- Quiet operation
- Variable speed
- Touchscreen controller
- Receiver mounted

Variable speed output for greater flexibility.

These rotary screw air compressors are engineered with variable speed technology to adjust output according to compressed air demand. This flexibility significantly reduces energy consumption and operational costs.

Ideal for various industrial applications requiring efficient and reliable compressed air solutions.

Receiver mounted with built on dryer options.



Vari-speed
11-15kW

VARIABLE SPEED, ENERGY EFFICIENT

- Quiet operation
- Variable speed
- Energy efficient
- Touchscreen controller

An efficient & intelligent solution

This range combines efficiency and intelligence with an oil cooled, permanent magnet motor with easy to use touchscreen controls.

It delivers reliable performance, reduced energy consumption with its variable speed technology and is ideal for all industrial applications that require consistent and varying air demand.



Vari-speed
PMF

OPTIONS

Available options

- Receiver mounted
- Built-on dryer

Available motors

- 75-15kW



Controller: MAM 6080

- Intuitive touchscreen display
- Easy to adjust parameters
- 7-day timer



Vari-speed
7.5 kW

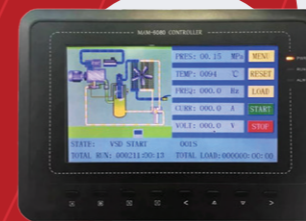
OPTIONS

Available options

- Floor mounted
- Optional dryer

Available motors

- 7.5-90kW

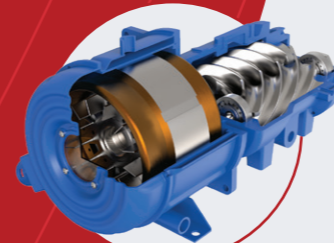


Controller: MAM 6080

- Intuitive touchscreen display
- Easy to adjust parameters
- 7-day timer



Vari-speed base unit
7.5-45kW



Motor: Direct drive

- Oil cooled, permanent magnet
- Variable speed



Vari-speed
7.5 kW



Vari-speed PMF

ECO DRY AIR DRYERS AND AIRWAVE DESICCANT DRYERS

TR REFRIGERATED DRYERS:
 AWAC-ATK DESICCANT DRYERS
 AWAC-ATC OIL VAPOUR REMOVAL
 YF HIGH-EFFICIENCY FILTRATION

- Annihilate water and oil contamination
- Digital controller allows the setting of temperature parameters and visual alarms
- Plug and play

A simple & effective solution for removing moisture

Compressed air contains naturally occurring moisture which can negatively affect applications that demand moisture-free air. Our dryers are the perfect solution



Eco-Drier TR5HP

OPTIONS

Available options

- Floor mounted
- Receiver mounted

Available motors

- 5.5-15kW 3-phase



Energy saving -40°C dew point controller

- Available for the whole AWAC-ATK-APN series
- Integrated load change counter
- Saves operating parameters
- Password protected
- Automatic service indicator



Motor: Scroll pump

- Maintenance free



Eco-Drier TR10 - 100hp



Eco-Drier TR120

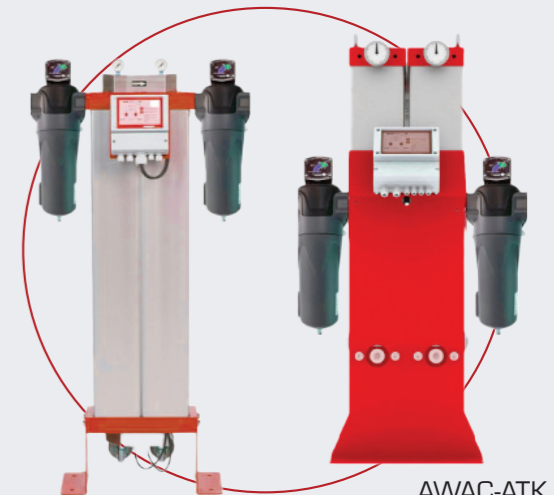
ECO DRYER FILTRATION SYSTEMS

AWAC-ATK Series Desiccant Dryers

DESICCANT DRYERS -40 TO -70, ISO 8573 CLASS 1-2-1

These dryers are designed to meet ISO 8573 Class 1-2-1 standards, providing high levels of purity by effectively removing contaminants beyond the capability of standard Refrigerated Dryers.

This level of purification is essential for industries requiring stringent air quality, such as laser cutting, pharmaceuticals, food and beverage, and electronic manufacturing.

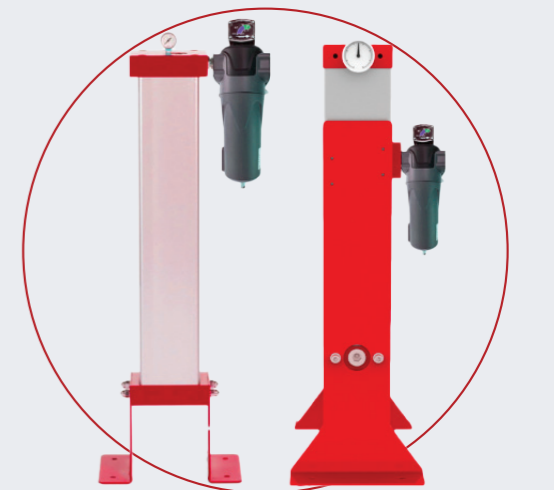


AWAC-ATK

AWAC-ATC Series oil vapour removal system

Activated Carbon Towers are an "increasingly popular" addition to compressed air circuits, thanks largely to their ability to adsorb contaminants such as oil vapour and odour.

As a result, oil levels within the compressed air can be reduced sufficiently for use in sectors where high purity levels are required, like oxygen/nitrogen generation, food and beverage, pharmaceuticals, electronics and healthcare.



AWAC-ATC

YF Series High-Efficiency Filtration

High Efficiency Coalescing Filter is a critical component for any compressor system that demands clean and contaminant-free air. This filter removes oil aerosols, moisture, and particulates with high efficiency, ensuring optimal performance and extending the life of your air tools and equipment.

Made from high-quality materials, it is designed to withstand harsh operating conditions, providing dependable service for years.

Whether you are operating in an industrial setting or a workshop, this filter improves air quality, leading to more reliable operations and reduced maintenance costs. Ideal for businesses that value equipment longevity and performance efficiency.



YF Series

AIRWAVE PROTEK 2

AIRWAVE PROTEK PMX 3

RELIABLE COMPRESSED AIR IN A LIGHTWEIGHT, SPACE-SAVING DESIGN

- Low maintenance
- 1.5kW / 2HP motor
- Suitable for light duty tasks

Suited for light-duty professional tasks, DIY projects, and hobby use. Its oil-free piston system ensures clean air output and minimal maintenance.

Ideal for users who want convenience and clean air without the need for complex maintenance. The Airwave Compact is a dependable, portable compressor that gets the job done- whether in the workshop, garage, or at home.



Protek Compressor

VARIABLE SPEED, PISTON COMPRESSOR

- Variable speed drive
- Powerful
- Digital controls
- Energy efficient

Engineered for professionals who demand power, efficiency, and control in one compact machine. With variable speed piston technology and intelligent digital control board, this compressor adapts to your workflow, reducing energy consumption while delivering consistent performance.

Ideal for workshops, garages, paint repair vehicles and small-scale industrial use. The smart digital controls and variable speed motor delivers the air you need, when you need it - without wasted energy.



Airwave ProTek PMX Variable speed compressor



Key Features

- Oil-free technology – Provides clean, dry air with zero oil carryover; ideal for sensitive applications such as painting or airbrushing.
- Low maintenance – No oil changes required, reducing service time and running costs.
- Compact 24L tank – Portable and space-efficient, yet large enough to support short bursts of steady airflow.
- Durable 2 HP motor – Strong performance for a wide variety of small workshop and home applications.
- User-friendly design – Simple controls and lightweight build make it easy to transport and operate.

Benefits of Oil-Free Design

- Cleaner air output – Perfect for applications requiring oil-free compressed air.
- Lower running costs – No oil changes, no disposal, and less downtime.
- Eco-friendly – Reduced environmental impact compared to oil-lubricated models.
- Easy startup – Runs smoothly even in cold conditions.

Technical Specifications

- Motor power: 1.5 kW / 2 HP
- Tank capacity: 24 litres
- Compressor type: Oil-free piston
- 10 bar max pressure
- 6.5 CFM (displacement)

Key Features

- Variable speed drive – Optimizes for your air demand, reducing wear & improving energy efficiency.
- Powerful performance – 2.2 kW / 3 HP motor; for a wide range of pneumatic tools and applications.
- Digital control board – Provides precise monitoring and easy adjustments, keeping performance at your fingertips.
- 50L air tank – Compact yet robust capacity for steady airflow without interruption.
- Durable construction – Built to withstand demanding industrial environments.
- Oil free – Provides clean, dry air with zero oil carryover; ideal for applications such as painting or airbrushing.

Benefits of Variable Speed Technology

- Energy efficient – Reduced electricity usage.
- Reduced Wear & Tear – For longer lasting Components
- Consistent airflow – Stable pressure, even under fluctuating workloads.
- Quieter operation – Runs at lower speeds when demand is light, cutting down on noise.
- Cost savings – Reduced energy bills and lower maintenance for great long-term value.

Benefits of Oil-Free Design

- Cleaner air output – Perfect for applications requiring oil-free compressed air.
- Lower running costs – No oil changes, no disposal, and less downtime.
- Eco-friendly – Reduced environmental impact compared to oil-lubricated models.
- Easy startup – Runs smoothly even in cold conditions.

Technical Specifications

- Motor power: 2.2 kW / 3 HP
- Tank capacity: 50 Liters
- Compressor type: Variable Speed Piston
- Control system: Digital interface
- 10 Bar max pressure
- 10.5 CFM (displacement).



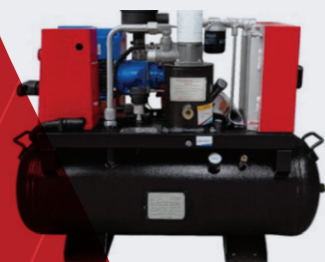
Product specifications PRO-TEK

PROTEK Compressors
Oil Free & Variable Speed



PRO-TEK Series Pump Type Oil Free	Pump Direct-D	Motor HP	Motor Kw	Pressure 10 Bar	CFM Disp 1600 rpm	CFM Disp 2200 rpm	Tank Size	Noise Level	Weight Kg	Compressor Dimensions mm
PRO-TEK 2-10-24 Fixed Speed	Oil Free	2hp 1 phase	1.5kw	9.5	n/a	6.5	24L	65 DbA	25	600L x 320D x 560H
PRO-TEK 3-10-50 Twin Speed	Oil Free	3hp 1 phase	2.2kw	9.5	7.62	10.48	50L	62-68DbA	42	700L x 400D x 680H

Product specifications NANO-SPEED



NANO-Speed Open Series
Variable Speed Tank Mounted

NANO-Speed Open Series Variable Speed Tank Mounted	Motor HP	Motor Kw	Pressure Max	CFM @ 8 Bar	CFM @ 10 Bar	Tank Size	Noise Level	Weight Kg	Compressor Dimensions mm	ECO Dryer	BSP Outlet
NANO-SPEED 2.2-08-100 230V	3hp 1 phase	2.2kw	9.5	9.1 cfm	7.06 cfm	100L	80 DbA	85Kg	1100L x 380D x 860H	Optional TR5	3/4"
NANO-SPEED 3-10-100 230V	4hp 1 phase	3Kw	9.5	12.7 cfm	10.2 cfm	100L	80 DbA	85Kg	1100L x 380D x 860H	Optional TR5	3/4"
NANO-SPEED 4-10-100 230V	5.5hp 1 phase	4kw	9.5	17.6 cfm	14.1 cfm	100L	80 DbA	85Kg	1100L x 380D x 860H	Optional TR5	3/4"
NANO-SPEED 5.5-10-110 400V	7.5hp 3 phase	5.5Kw	9.5	26.4 cfm	21.1 cfm	110L	85 DbA	120Kg	1300L x 380D x 860H	Optional TR5	3/4"
NANO-SPEED 7.5-10-110 400V	10hp 3 phase	7.5Kw	9.5	35.3 cfm	28.2 cfm	110L	85 DbA	120Kg	1300L x 380D x 860H	Optional TR01	3/4"

Products specifications MICRO-SPEED

**AIR
WAVE**
Compressors



MICRO-Speed F Series
Variable Speed Floor Mounted

MICRO-Speed F Series Variable Speed Floor Mounted	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 9.5 Bar	Tank Size	Noise Level	Weight Kg	Compressor Dimensions mm	ECO Dryer	BSP Outlet
MICRO-SPEED 4-10-F-230V	5.5hp 1 phase	4kw	9.5	10 cfm	16 cfm	n/a	60 DbA	88	890L x 540D x 700H	Optional TR5	3/4"
MICRO-SPEED 4-10-F-400V	5.5hp 3 phase	4kw	9.5	10 cfm	16 cfm	n/a	60 DbA	88	890L x 540D x 700H	Optional TR5	3/4"
MICRO-SPEED 5.5-10-F-230V	7.5hp 1 phase	5.5kw	9.5	12 cfm	21 cfm	n/a	62 DbA	90	890L x 540D x 700H	Optional TR5	3/4"
MICRO-SPEED 5.5-10-F-400V	7.5hp 3 phase	5.5kw	9.5	12 cfm	21 cfm	n/a	62 DbA	90	890L x 540D x 700H	Optional TR5	3/4"

MICRO-Speed MT Series
Variable Speed Tank Mounted



MICRO-Speed MT Series Variable Speed Tank Mounted	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 9.5 Bar	Tank Size	Noise Level	Weight Kg	Compressor Dimensions mm	ECO Dryer	BSP Outlet
MICRO-SPEED 4-10-160-230V	5.5hp 1 phase	4kw	9.5	10 cfm	16 cfm	160L	60 DbA	140	1090L x 540D x 1223H	Optional TR5	3/4"
MICRO-SPEED 4-10-160-400V	5.5hp 3 phase	4kw	9.5	10 cfm	16 cfm	160L	60 DbA	140	1090L x 540D x 1223H	Optional TR5	3/4"
MICRO-SPEED 5.5-10-160-230V	7.5hp 1 phase	5.5kw	9.5	12 cfm	21 cfm	160L	62 DbA	148	1090L x 540D x 1223H	Optional TR5	3/4"
MICRO-SPEED 5.5-10-160-400V	7.5hp 3 phase	5.5kw	9.5	12 cfm	21 cfm	160L	62 DbA	148	1090L x 540D x 1223H	Optional TR5	3/4"

MICRO-Speed MTD Series
VARI-Speed Tank + Dryer Mounted



MICRO-Speed MTD Series VARI-Speed Tank + Dryer Mounted	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 9.5 Bar	Tank Size	Noise Level	Weight Kg	Compressor Dimensions mm	ECO Dryer	BSP Outlet
MICRO-SPEED 4-10-200D-230V	5.5hp 1 phase	4kw	9.5	10 cfm	16 cfm	200L	60 DbA	190	1490L x 540D x 1223H	Tank Mounted	1/2"
MICRO-SPEED 4-10-200D-400V	5.5hp 3 phase	4kw	9.5	10 cfm	16 cfm	200L	60 DbA	190	1490L x 540D x 1223H	Tank Mounted	1/2"
MICRO-SPEED 5.5-10-200D-230V	7.5hp 1 phase	5.5kw	9.5	12 cfm	21 cfm	200L	62 DbA	198	1490L x 540D x 1223H	Tank Mounted	1/2"
MICRO-SPEED 5.5-10-200D-400V	7.5hp 3 phase	5.5kw	9.5	12 cfm	21 cfm	200L	62 DbA	198	1490L x 540D x 1223H	Tank Mounted	1/2"



**On all Air ends,
Inverters and
controllers**



Product specifications ECO-SPEED



Product specifications VARI-SPEED PMT

ECO-Speed F Series Fixed Speed Floor Mounted



VARI-Speed PM-T Series Variable Speed Tank Mounted



ECO-Speed F Series Fixed Speed Floor Mounted	Motor HP	Motor Kw	Max Pressure	CFM @ 8 Bar	CFM @ 10 Bar	Max Pressure	Tank Size	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
ECO-SPEED 5.5-10-F	7.5	5.5kw	10 Bar	30 cfm	27.5 cfm	10 Bar	n/a	200	64Dba	840L x 600D x 910H	Optional TR5	3/4"
ECO-SPEED 7.5-10-F	10	7.5kw	10 Bar	40 cfm	37 cfm	10 Bar	n/a	200	64Dba	840L x 600D x 910H	Optional TR01	3/4"
ECO-SPEED 11-10-F	15	11kw	10 Bar	60 cfm	57 cfm	10 Bar	n/a	250	65 Dba	1000L x 820W x 1145H	Optional TR02	3/4"
ECO-SPEED 15-10-F	20	15kw	10 Bar	83 cfm	75.5 cfm	10 Bar	n/a	250	65 Dba	1000L x 820W x 1145H	Optional TR02	3/4"

VARI-Speed PM-T Series Variable Speed Tank Mounted	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Tank Size	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
VARI-SPEED 7.5-10-300	10	7.5kw	9.5	22 cfm	40 cfm	37 cfm	300L	300	64 Dba	1400L x 670D x 1640H	Optional TR01	3/4 BSPF
VARI-SPEED 11-10-300	15	11kw	9.5	34 cfm	60 cfm	57 cfm	300L	350	65 Dba	1400L x 820D x 1780H	Optional TR02	3/4 BSPF
VARI-SPEED 15-10-300	20	15kw	9.5	45 cfm	83 cfm	75 cfm	300L	350	65 Dba	1400L x 820D x 1780H	Optional TR02	3/4 BSPF



ECO-Speed T Series Fixed Speed Tank Mounted

VARI-Speed PM-TD Series VARI-Speed Tank + Dryer



ECO-Speed T Series Fixed Speed Tank Mounted	Motor HP	Motor Kw	Max Pressure	CFM @ 8 Bar	CFM @ 10 Bar	Max Pressure	Tank Size	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
ECO-SPEED 5.5-10-300	7.5	5.5kw	10 Bar	30 cfm	27.5 cfm	10 Bar	300L	300	64Dba	1400L x 600D x 1570H	Optional TR5	3/4"
ECO-SPEED 7.5-10-300	10	7.5kw	10 Bar	40 cfm	37 cfm	10 Bar	300L	300	64Dba	1400L x 600D x 1570H	Optional TR01	3/4"
ECO-SPEED 11-10-300	15	11kw	10 Bar	60 cfm	57 cfm	10 Bar	300L	350	65 Dba	1400L x 820D x 1780H	Optional TR02	3/4"
ECO-SPEED 15-10-300	20	15kw	10 Bar	83 cfm	75.5 cfm	10 Bar	300L	350	65 Dba	1400L x 820D x 1780H	Optional TR02	3/4"

VARI-Speed PM-TD Series VARI-Speed Tank + Dryer	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Tank Size	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP
VARI-SPEED 7.5-10-350D	10	7.5kw	9.5	22 cfm	40 cfm	37 cfm	350L	380	64 Dba	1700L x 670D x 1640H	Tank Mounted	3/4 BSPF
VARI-SPEED 11-10-300D	15	11kw	9.5	34 cfm	60 cfm	57 cfm	300L	350	65 Dba	1400L x 820D x 1780H	Floor Mounted	3/4 BSPF
VARI-SPEED 15-10-300D	20	15kw	9.5	45 cfm	83 cfm	75 cfm	300L	350	65 Dba	1400L x 820D x 1780H	Floor Mounted	3/4 BSPF

ECO-Speed TD Series Fixed Speed Tank + Dryer



ECO-Speed TD Series Fixed Speed Tank + Dryer	Motor HP	Motor Kw	Max Pressure	CFM @ 8 Bar	CFM @ 10 Bar	Max Pressure	Tank Size	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
ECO-SPEED 5.5-10-350D	7.5	5.5kw	10 Bar	30 cfm	27.5 cfm	10 Bar	350L	380	64Dba	1700L x 600D x 1620H	Tank Mounted	3/4"
ECO-SPEED 7.5-10-350D	10	7.5kw	10 Bar	40 cfm	37.5 cfm	10 Bar	350L	380	64Dba	1700L x 600D x 1620H	Tank Mounted	3/4"
ECO-SPEED 11-10-300D	15	11kw	10 Bar	60 cfm	57 cfm	10 Bar	300L	350	65 Dba	1400L x 820D x 1780H	Floor Mounted	3/4"
ECO-SPEED 15-10-300D	20	15kw	10 Bar	83 cfm	75.5 cfm	10 Bar	300L	350	65 Dba	1400L x 820D x 1780H	Floor Mounted	3/4"



On all Air ends,
Inverters and
controllers

Product specifications VARI-SPEED PMF



VARI-Speed PMF Series Variable Speed Floor Mounted

VARI-Speed PMF Series Variable Speed Floor Mounted	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
VARI-SPEED 7.5PMF	10	7.5kw	9.5	22 cfm	40 cfm	37 cfm	64 Dba	148	840L x 600D x 910H	Optional TR01	3/4 BSPF
VARI-SPEED 11PMF	15	11kw	9.5	34 cfm	60 cfm	57 cfm	65 Dba	210	1000L x 820W x 1145H	Optional TR02	3/4 BSPF
VARI-SPEED 15PMF	20	15kw	9.5	45 cfm	83 cfm	75 cfm	65 Dba	220	1000L x 820W x 1145H	Optional TR02	3/4 BSPF
VARI-SPEED 22PMF	30	22kw	9.5	56 cfm	123 cfm	112 cfm	75 Dba	286	1100L x 880W x 1190H	Optional TR03	1 BSPF
VARI-SPEED 30PMF	40	30kw	9.5	83 cfm	183 cfm	167 cfm	75 Dba	416	1200L x 950W x 1358H	Optional TR06	1-1/2 BSPF
VARI-SPEED 37PMF	50	37kw	9.5	99 cfm	218 cfm	198 cfm	80 Dba	426	1300L x 1000W x 1366H	Optional TR06	1-1/2 BSPF
VARI-SPEED 45PMF	60	45kw	9.5	118 cfm	261 cfm	236 cfm	80 Dba	450	1300L x 1000W x 1366H	Optional TR08	1-1/2 BSPF



VARI-Speed PMF-D Series Variable Speed Floor + Dryer

VARI-Speed PMF-D Series Variable Speed Floor + Dryer	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
VARI-SPEED 7.5PMFD	10	7.5kw	9.5	22 cfm	40 cfm	37 cfm	64 Dba	148	840L x 600D x 910H	Floor Mounted	3/4 BSPF
VARI-SPEED 11PMFD	15	11kw	9.5	34 cfm	60 cfm	57 cfm	65 Dba	210	1000L x 820W x 1145H	Floor Mounted	3/4 BSPF
VARI-SPEED 15PMFD	20	15kw	9.5	45 cfm	83 cfm	75 cfm	65 Dba	220	1000L x 820W x 1145H	Floor Mounted	3/4 BSPF
VARI-SPEED 22PMFD	30	22kw	9.5	56 cfm	123 cfm	112 cfm	75 Dba	286	1100L x 880W x 1190H	Floor Mounted	1 BSPF
VARI-SPEED 30PMFD	40	30kw	9.5	83 cfm	183 cfm	167 cfm	75 Dba	416	1200L x 950W x 1358H	Floor Mounted	1-1/2 BSPF
VARI-SPEED 37PMFD	50	37kw	9.5	99 cfm	218 cfm	198 cfm	80 Dba	426	1300L x 1000W x 1366H	Floor Mounted	1-1/2 BSPF
VARI-SPEED 45PMFD	60	45kw	9.5	118 cfm	261 cfm	236 cfm	80 Dba	450	1300L x 1000W x 1366H	Floor Mounted	2 BSPF

High Pressure PMF Series VARI-Speed High Pressure PMF-D	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
VARI-SPEED 15PMF 15 BAR	20	15kw	14.5	27 cfm	75 cfm	46 cfm	65 Dba	220	1000L x 820W x 1145H	Optional TR02	3/4 BSPF
VARI-SPEED 15PMFD 15 BAR	20	15kw	14.5	27 cfm	75 cfm	46 cfm	65 Dba	220	1000L x 820W x 1145H	Floor Mounted	3/4 BSPF
VARI-SPEED 22PMF 15 BAR	30	22kw	14.5	46 cfm	112 cfm	77.5 cfm	75 Dba	286	1100L x 880W x 1190H	Optional TR03	1 BSPF
VARI-SPEED 22PMFD 15 BAR	30	22kw	14.5	46 cfm	112 cfm	77.5 cfm	75 Dba	286	1100L x 880W x 1190H	Floor Mounted	1 BSPF

VARI-Speed 55-90kW PMF Series Variable Speed Floor Mounted



VARI-Speed 55-90kW PMF Series Variable Speed Floor Mounted	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
VARI-SPEED 55PMF	75	55	8	167 cfm	333 cfm	85 Dba	1070	1600L x 1300W x 1650H	Optional TR10	2 BSPF	
VARI-SPEED 75PMF	100	75	8	223 cfm	446 cfm	85 Dba	1100	1600L x 1300W x 1650H	Optional TR13	2 BSPF	
VARI-SPEED 90PMF	120	90	8	275 cfm	552 cfm	85 Dba	2000	1600L x 1300W x 1650H	Optional TR15	DN50	

VARI-Speed 55-90kW PMF-D Series Variable Speed Floor + Dryer	Motor HP	Motor Kw	Pressure 6-10 Bar	Min Output	CFM @ 8 Bar	CFM @ 10 Bar	Weight Kg	Noise Level	Compressor Dimensions mm	ECO Dryer	BSP Outlet
VARI-SPEED 55PMFD	75	55	8	167 cfm	333 cfm	85 Dba	1070	1600L x 1300W x 1650H	Floor Mounted	2 BSPF	
VARI-SPEED 75PMFD	100	75	8	223 cfm	446 cfm	85 Dba	1100	1600L x 1300W x 1650H	Floor Mounted	2-1/2 BSPF	
VARI-SPEED 90PMFD	120	90	8	275 cfm	552 cfm	85 Dba	2000	1600L x 1300W x 1650H	Floor Mounted	DN50	

Product specifications ECO-DRY



ECO-Dry TR-120
ECO-Dry TR-175

ECO-DRY TR Series Refrigerated Dryers

ECO-DRY TR Series Refrigerated Dryers	Flow Rate	GAS	Power Supply - Phase	MAX Pressure	Dryer Dimensions mm	BSP Outlet	Weight Kg
ECO-Dry TR-5	25 cfm	R513A	230/50/1	16 Bar	363W x 413D x 557H	1/2 BSPF	30
ECO-Dry TR-5 with Filters	25 cfm	R513A	230/50/1	16 Bar	363W x 413D x 557H	1/2 BSPF	30
ECO-Dry TR-10	40 cfm	R513A	230/50/1	16 Bar	380W x 480D x 670H	3/4 BSPF	36
ECO-Dry TR-10 with Filters	40 cfm	R513A	230/50/1	16 Bar	380W x 480D x 670H	3/4 BSPF	36
ECO-Dry TR-20	80 cfm	R513A	230/50/1	16 Bar	410W x 520D x 725H	3/4 BSPF	45
ECO-Dry TR-20 with Filters	80 cfm	R513A	230/50/1	16 Bar	410W x 520D x 725H	3/4 BSPF	45
ECO-Dry TR-30	120 cfm	R410A	230/50/1	16 Bar	520W x 640D x 850H	1 BSPF	56
ECO-Dry TR-30 with Filters	120 cfm	R410A	230/50/1	16 Bar	520W x 640D x 850H	1 BSPF	56
ECO-Dry TR-50	250 cfm	R410A	230/50/1	16 Bar	540W x 700D x 950H	1-1/2 BSPF	63
ECO-Dry TR-50 with Filters	250 cfm	R410A	230/50/1	16 Bar	540W x 700D x 950H	1-1/2 BSPF	63
ECO-Dry TR-60	300 cfm	R410A	230/50/1	16 Bar	590W x 770D x 990H	2 BSPF	73
ECO-Dry TR-60 with Filters	300 cfm	R410A	230/50/1	16 Bar	590W x 770D x 990H	2 BSPF	73
ECO-Dry TR-75	370 cfm	R410A	230/50/1	16 Bar	590W x 770D x 990H	2 BSPF	85
ECO-Dry TR-75 with Filters	370 cfm	R410A	230/50/1	16 Bar	590W x 770D x 990H	2 BSPF	85
ECO-Dry TR-100	459 cfm	R410A	230/50/1	16 Bar	610W x 800D x 1030H	2 BSPF	94
ECO-Dry TR-100 with Filters	459 cfm	R410A	230/50/1	16 Bar	610W x 800D x 1030H	2-1/2 BSPF	94
ECO-Dry TR-120	600 cfm	R410A	400/50/3	16 Bar	850W x 1100D x 1143H	DN50	180
ECO-Dry TR-120 with Filters	600 cfm	R410A	400/50/3	16 Bar	850W x 1100D x 1143H	2-1/2 BSPF	180
ECO-Dry TR-175	812 cfm	R410A	400/50/3	16 Bar	900W x 1200D x 1200H	DN65	210
ECO-Dry TR-175 with Filters	812 cfm	R410A	400/50/3	16 Bar	900W x 1200D x 1200H	3 BSPF	210



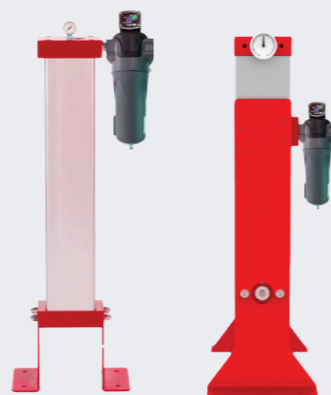
ECO-Dry TR-5



ECO-Dry TR-10 - 100

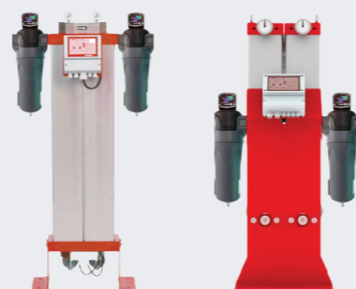


Product specifications AWAC-ATC & AWAC-ATK



AWAC-ATC-APN Series Carbon Towers

AWAC-ATC Series Carbon Towers	CFM @ 7 Bar	Carbon Tower Dimensions mm	After-Filter 0.01 micron	Weight Kg	BSP Outlet
AWAC-ATC-APN 2	6	H694 x D180 x W246	YF-A015	8	1/2 BSP
AWAC-ATC-APN 3	12	H794 x D180 x W246	YF-A015	9	1/2 BSP
AWAC-ATC-APN 4	21	H832 x D210 x W312	YF-A015	16	1/2 BSP
AWAC-ATC-APN 6	29	H933 x D210 x W312	YF-A015	17	1/2 BSP
AWAC-ATC-APN 7	35	H1033 x D210 x W312	YF-A015	20	1/2 BSP
AWAC-ATC-APN 8	41	H931 x D250 x W374	YF-A015	27	1/2 BSP
AWAC-ATC-APN 9	53	H1071 x D250 x W374	YF-A015	30	1/2 BSP
AWAC-ATC-APN 10	65	H1251 x D250 x W374	YF-A025	34	3/4 BSP
AWAC-ATC-APN 11	80	H1141 x D555 x W340	YF-A025	65	3/4 BSP
AWAC-ATC-APN 12	110	H1322 x D555 x W340	YF-A038	74	1 BSP
AWAC-ATC-APN 13	130	H1731 x D555 x W340	YF-A038	80	1 BSP



AWAC-ATK-APN Series Desiccant Dryers

AWAC-ATK Series Desiccant Dryers	CFM @ 7 Bar	Desiccant Dryer Dimensions mm	Pre-Filter 1.0 micron	After Filter 0.01 micron	Voltage 230V	BSP Outlet
AWAC-ATK-APN 2	6	H723 x D306 x W373	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 3	12	H823 x D316 x W373	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 4	21	H872 x D419 x W464	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 6	29	H972 x D419 x W464	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 7	35	H1072 x D419 x W464	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 8	41	H979 x D442 x W536	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 9	53	H1119 x D442 x W534	YF-T015	YF-A015	230/50/1	1/2 BSP
AWAC-ATK-APN 10	65	H1299 x D442 x W582	YF-T025	YF-A025	230/50/1	3/4 BSP
AWAC-ATK-APN 11	80	H1006 x D842 x W543	YF-T025	YF-A025	230/50/1	3/4 BSP
AWAC-ATK-APN 12	110	H1145 x D842 x W543	YF-T038	YF-A038	230/50/1	1 BSP
AWAC-ATK-APN 13	130	H1328 x D842 x W543	YF-T038	YF-A038	230/50/1	1 BSP

AWAC-ATK-APN
Dew Point Controller
AWAC-ATK-APN 1-ATK 305



°C	<25	25	30	35	38	40	45	48	50
F (t)	1.2	1.1	1.09	1	0.84	0.78	0.72	0.65	

Correction Factors Working

Bar g	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16	
F (p)	0.6	0.7	0.74	0.82	0.89	0.97	1	1.08	1.11	1.16	1.22	1.29	1.36	1.42	1.5	1.57	1.63	1.75	1.83	1.9	1.96	2.03				

Please multiply the capacity of ATK-APN with the correction factor in the above table.
Example: Capacity ATK-APN 4 at 13 bar g / 30°C t capacity nom (35m³/h x F(p)) (1.75) x F(t) (1.09) = Capacity corrected (66.76m³/h)

Product specifications ECO-DRY FILTERS



ECO-Dry Filters YF Series

ECO-DRY Filters YF Series	Micron Element	CFM Volume	Grade Type	BSP Size	Automatic Drain	Differential Gauge	Wall Bracket
YF-T015	1.0 Micron	52 cfm	Pre-Filter	1/2 BSPF	Yes	Yes	Yes
YF-A015	0.01 Micron	52 cfm	Oil Removal	1/2 BSPF	Yes	Yes	Yes
YF-H015	0.003 Micron	52 cfm	Activated Carbon	1/2 BSPF	Yes	Yes	Yes
YF-T025	1.0 Micron	88 cfm	Pre-Filter	3/4 BSPF	Yes	Yes	Yes
YF-A025	0.01 Micron	88 cfm	Oil Removal	3/4 BSPF	Yes	Yes	Yes
YF-H025	0.003 Micron	88 cfm	Activated Carbon	3/4 BSPF	Yes	Yes	Yes
YF-T038	1.0 Micron	134 cfm	Pre-Filter	1 BSPF	Yes	Yes	Yes
YF-A038	0.01 Micron	134 cfm	Oil Removal	1 BSPF	Yes	Yes	Yes
YF-H038	0.003 Micron	134 cfm	Activated Carbon	1 BSPF	Yes	Yes	Yes
YF-T085	1.0 Micron	300 cfm	Pre-Filter	1-1/2 BSPF	Yes	Yes	No
YF-A085	0.01 Micron	300 cfm	Oil Removal	1-1/2 BSPF	Yes	Yes	No
YF-H085	0.003 Micron	300 cfm	Activated Carbon	1-1/2 BSPF	Yes	Yes	No
YF-T120	1.0 Micron	434 cfm	Pre-Filter	2 BSPF	Yes	Yes	No
YF-A120	0.01 Micron	434 cfm	Oil Removal	2 BSPF	Yes	Yes	No
YF-H120	0.003 Micron	434 cfm	Activated Carbon	2 BSPF	Yes	Yes	No
YF-T200	1.0 Micron	700 cfm	Pre-Filter	2-1/2 BSPF	Yes	Yes	No
YF-A200	0.01 Micron	700 cfm	Oil Removal	2-1/2 BSPF	Yes	Yes	No
YF-H200	0.003 Micron	700 cfm	Activated Carbon	2-1/2 BSPF	Yes	Yes	No
YF-T400	1.0 Micron	1400 cfm	Pre-Filter	3 BSPF	Yes	Yes	No
YF-A400	0.01 Micron	1400 cfm	Oil Removal	3 BSPF	Yes	Yes	No
YF-H400	0.003 Micron	1400 cfm	Activated Carbon	3 BSPF	Yes	Yes	No

Breathing Air 3 Stage Filtration	Micron Element	CFM Volume	Grade Type	BSP Size	Automatic Drain	Differential Gauge	Wall Bracket
YF-T-A-H015	1.0 + 0.01 + 0.003	52 cfm	3 x Combined	1/2 BSPF	Yes	Yes	Yes
YF-T-A-H025	1.0 + 0.01 + 0.003	88 cfm	3 x Combined	3/4 BSPF	Yes	Yes	Yes



ECO-DRY YF FILTERS



ECO-DRY AWAC FILTERS



AIR **WAVE** **Compressors**



**On all Air ends,
Inverters and
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