ABAC
AIR COMPRESSORS

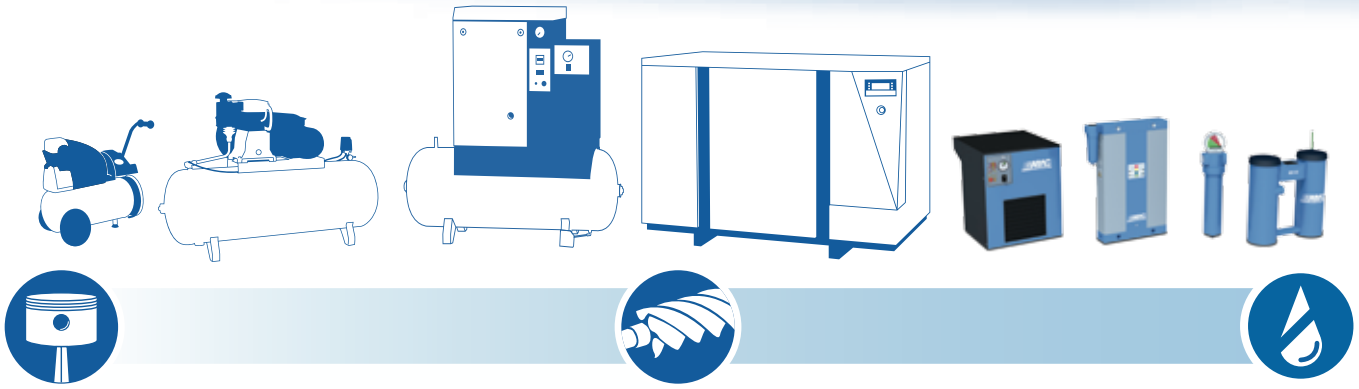
Quality air solutions

Refrigerant Dryers
Adsorption Dryers
Filters
Oil-Water Separators
Accessories

Join the ABAC advantage

Since 1980, ABAC offers the right mix of flexibility and experience for the industrial, professional and DIY compressed air markets. From state-of-the-art production facilities straight to your business via more than 300 distributors in more than 100 countries worldwide, ABAC provides you with plug & play air solutions with a quality label. We deliver trouble free workmates, both piston as well as screw compressors, that are always available and ready to use.

Thousands of convinced customers are already operating millions of ABAC compressors worldwide. Join them today!



For whatever your business needs are

ABAC quality air solutions will always add value to your business. Whether it is improving your production quality, enhancing the efficiency of your equipment and tools or lengthening their life span, quality air solutions are indispensable for everyone using any product from the ABAC range.

Our famous user friendliness

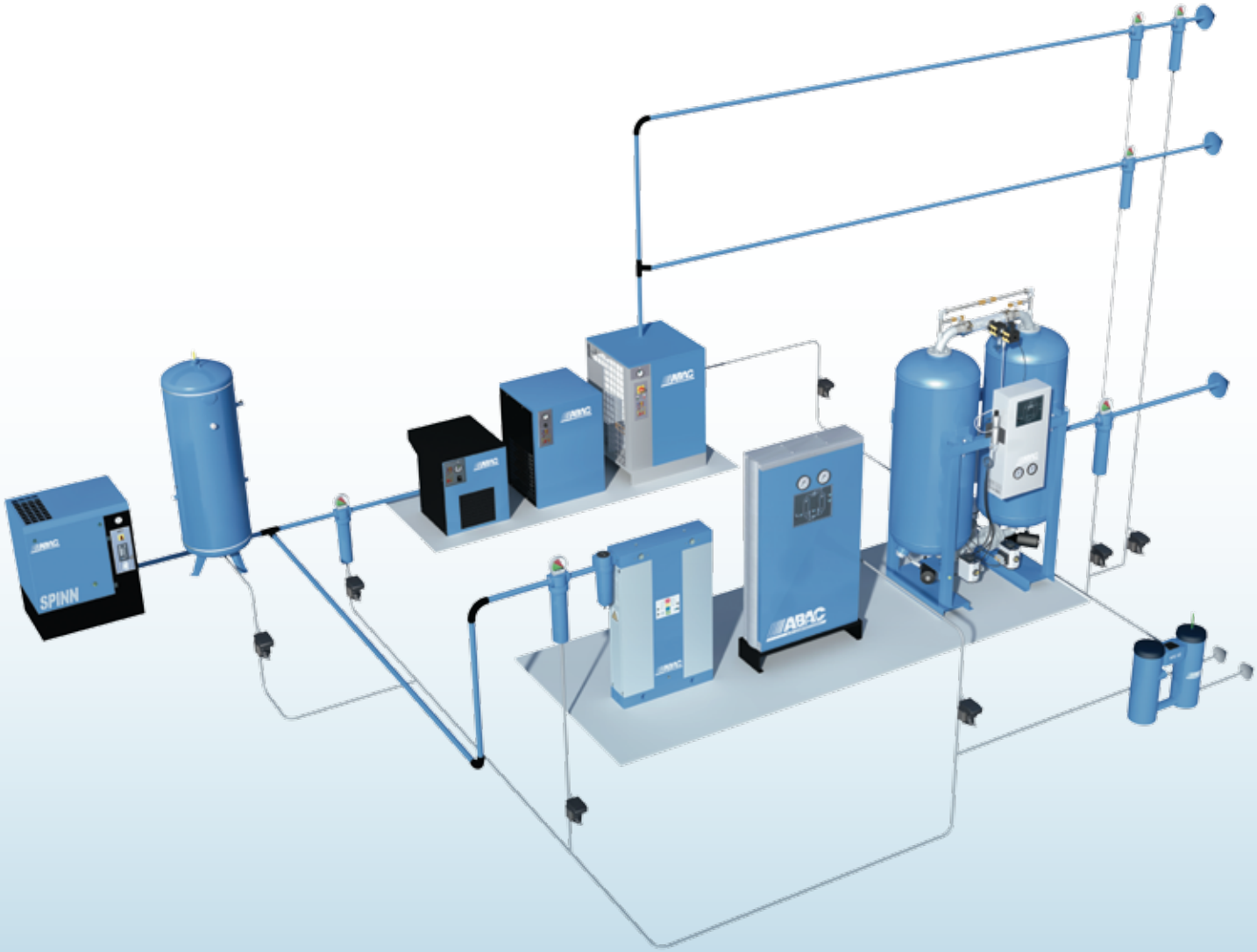
Designing products which are easy to use is a crucial factor in our product development. For quality air solutions, reading off parameters is key. Therefore, one or more parameter instruments (e.g. pressure gauge) will get you a clear overview in just seconds.

Designed to the same standards as your equipment, ABAC Original Parts extend the lifetime of your compressed air installation and provide highest protection for your investment by reducing the risk of breakdown and increasing reliability of your compressor.

Improve your business' productivity, quality and efficiency

ABAC quality air solutions will help you prevent corrosion, leakage, pollution and rust.

For an advanced lifetime and enhanced efficiency of your equipment and tools, ABAC has developed Quality Air Solutions going from source to point of use. With a range from dryers to filters, the compressed air will be treated for humidity and contamination to achieve a higher air quality and efficiency. Consequently, investing in quality air solutions will prevent potentially costly interruptions to production as well as a reduction in the efficiency and service life of the equipment used, making it a highly recommended component for every successful business.



Customer benefits of Quality Air Solutions

The advantages that come with Quality Air Solutions versus the risks that follow without it

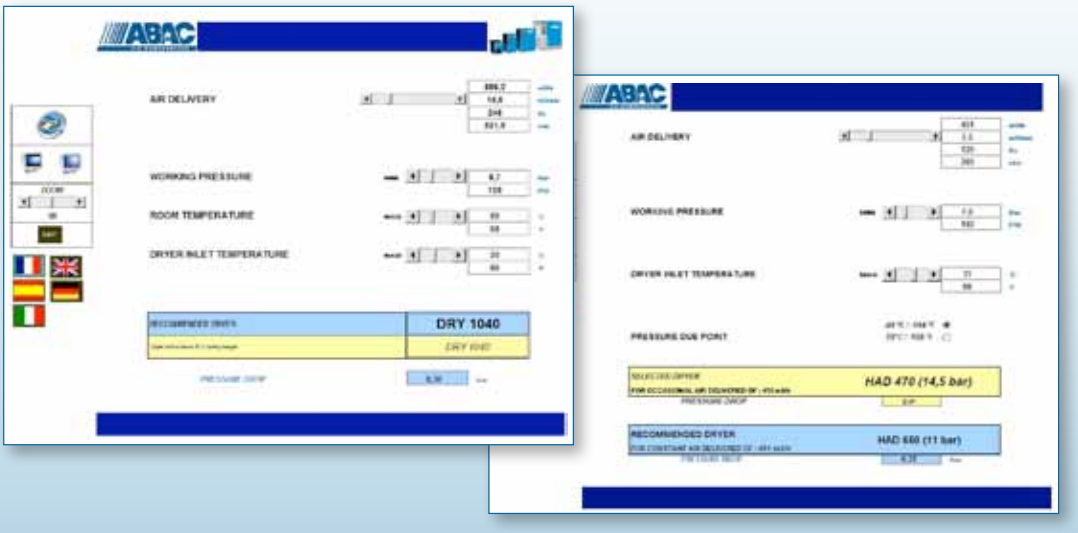
Without Quality air Solutions	Customers benefits	With Quality Air Solutions
Goes to the net	Eliminate the water/dust produced during compressing process	Immediately
High risk	Your air network is clean and protected against rust	Ensure
High risk	A clean air network reduces leakage	Secured
Shorten	The life span of your operation process (machine/equipment…)	Prolong
Harm	Safe use of pneumatic tools, with extended life time	Protect
High	Cost of maintenance of your air network (corrosion), operation process and potential downtime	Low
Decrease	Quality of the final product, and potential risk of product recalls	Improve
Variable	Operating cost control	Stable
Reduce	Your productivity	Boost
Potential	Freezing (in the piping/air network)	Eliminate

Our expertise

ABAC invests a lot of time and money in engineering and research & development to make sure every Quality air solution product meets the highest requirements. Years of experience have moreover generated an expertise which is among the best in our business. Consequently, all ABAC customers can count on excellent product quality and efficiency to take their business to the next level.

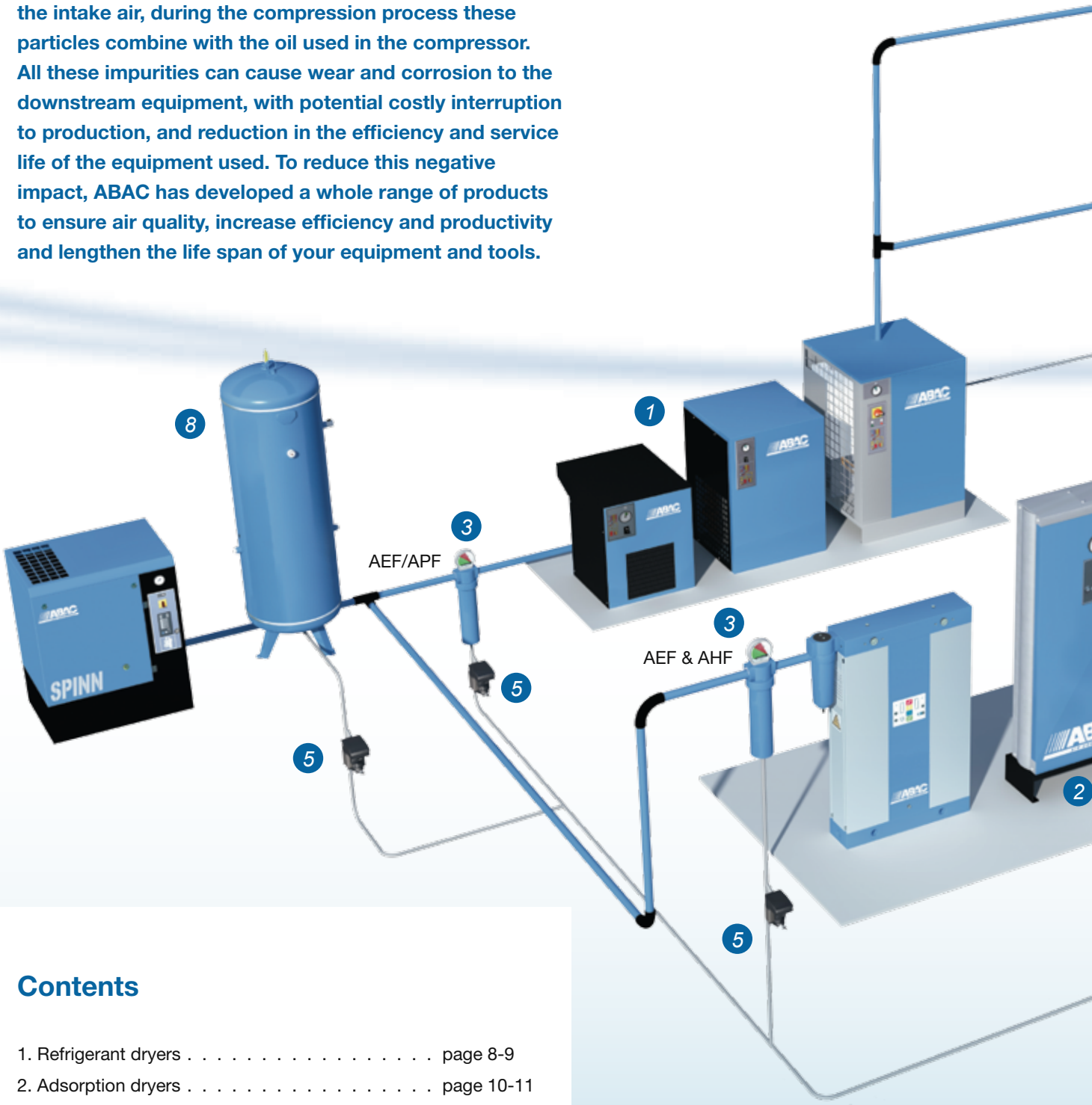
Our convinced customers are already improving their business' productivity, quality and efficiency by choosing for ABAC quality air solutions. Join them today!

Every quality air solution product is offered within a wide range which guarantees the right fit for every situation. Our dealers can rely on both experience and tools to offer their customers the right quality air solution product for each specific compressed air system. For both refrigerant and adsorption dryers, for example, a calculator tool has been created. With only a few clicks it will indicate which is the ideal type of dryer for your compressed air system. The calculators can be found on ABAC's my business portal under Quality air solutions.



The right air quality for any application

A compressor takes humidity and contamination from the intake air, during the compression process these particles combine with the oil used in the compressor. All these impurities can cause wear and corrosion to the downstream equipment, with potential costly interruption to production, and reduction in the efficiency and service life of the equipment used. To reduce this negative impact, ABAC has developed a whole range of products to ensure air quality, increase efficiency and productivity and lengthen the life span of your equipment and tools.



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ISO8573-1 Dust-Water-Oil	Applications
<1 - 4 - <1	
<1-4-1	
2-2-1: 2-1-1	

Degree of purity of air

ISO 8573-1 Class	Dust		Water		Oil Concentration
	Dimension	Concentration	Dew point	Water content	
1	0,1 µm	0,1 mg/m³	-70°C	0,003 g/m³	0,01 mg/m³
2	1 µm	1 mg/m³	-40°C	0,11 g/m³	0,1 mg/m³
3	5 µm	5 mg/m³	-20°C	0,88 g/m³	1,0 mg/m³
4	15 µm	8 mg/m³	+3°C	6,0 g/m³	5 mg/m³
5	40 µm	10 mg/m³	+7°C	7,8 g/m³	25 mg/m³
6	n.a.	n.a.	+10°C	9,4 g/m³	n.a.

Refrigeration Dryers

Today's compressed air production process is not only a matter of producing air, but also of confirming with defined purity criteria. As humidity is a component of atmospheric air, it can be found in the compressed air distribution systems and the machines that use the compressed air in the form of condensate and/or vapour.
ABAC provides refrigeration dryers to remove condensate and vapour so that dry compressed air is achieved and a continuous efficiency is preserved.

Applications

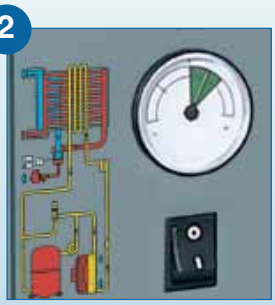
- Pneumatic tools and equipment
- Pneumatic control systems
- Painting application
- Packaging
- Injection molding
- Car shop
- Tire inflation

Main Benefits

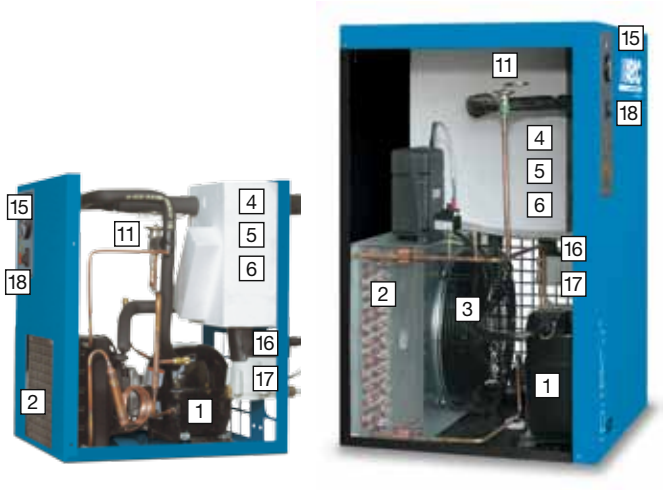
- More economical distribution network
- Longer life span of your equipment and distribution network due to less wear
- Greater productivity and lower maintenance costs thanks to less breakdowns
- Intelligent discharge silently getting rid of water (1)
- Higher final product quality
- Increased reliability of your final tools/equipment
- Energy savings with lower pressure drops
- Easy dew point indicator reading (2)

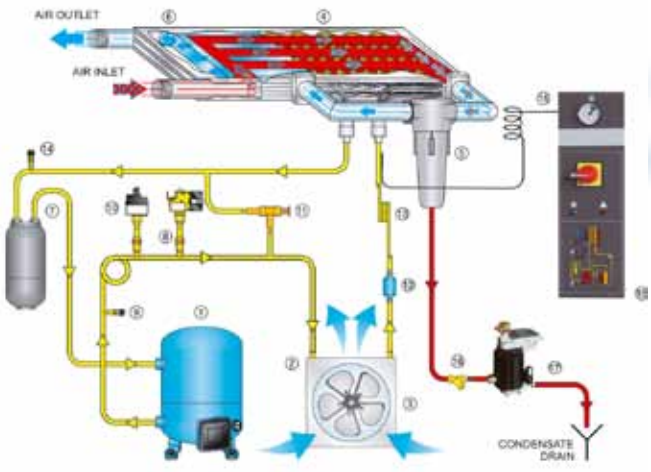
1

2



1. Refrigerant compressor driven by an electric motor, cooled using refrigerant fluid and protected against thermal overload.
2. Refrigerant condenser air-cooled and with a large exchange surface for high thermal exchange.
3. IP 54 motor-driven ventilator for the condenser cooling air flow.
4. Air/refrigerant evaporator with high thermal exchange and low leakage rates.
5. Condensate separator High-efficiency
6. Air – air heat exchanger with high thermal exchange and low load losses
7. Refrigerant fluid separator
8. Maximum pressure switch
9. Service valve
10. Pressure switch, fan control
11. Hot gas bypass valve controls the refrigerant capacity under all load conditions preventing any formation of ice within the system.
12. Refrigerant fluid filter
13. Capillary tube
14. Service valve
15. Instrument panel
16. Impurity filter for collecting any impurities to protect the system
17. Automatic discharge of condensate which is ecological and capable of preventing unwanted discharge of compressed air.





Options

Available from dry 20 up to 130: By-pass valve + filter support
Note: the air filter is not included in the option.

Available from dry 20 up to 130: Filter support
Note: the air filter is not included in the option

Reference conditions:

- Operating pressure : 7 bar (100 psi)
- Operating temperature: 35 °C
- Room temperature: 25°
- Pressure dew point: +5 °C +/- 1
- Available in different voltages and frequencies

Limit conditions:

- Working pressure: 16 bar (232 psi) DRY 20-130
  13 bar (188 psi) DRY 165-1260
- Operating temperature: 55 °C
- Min/Max room temperature: +5 °C; +45 °C

Optional for DRY (20-130):

- Bypass + filter support
- Filter support

Adsorption dryers

Today's compressed air production process is not only a matter of producing air, but also of confirming with defined purity criteria. As humidity is a component of atmospheric air, it can be found in the form of condensate and/or vapor in the compressed air distribution systems and the machines that use the compressed air. ABAC provides adsorption dryers to remove condensate and vapor so that dry compressed air is achieved and a continuous efficiency is preserved.

Applications

- Pneumatic control systems
- Painting systems
- Packaging
- Injection molding
- Food industry
- Chemical industry
- Automotive industry
- Pharmaceutical process
- ...and whenever a pressure dew point below 3°C is needed

Main Benefits

- Eliminate any water residual from the net to guarantee clean compressed air
- Longer life span of your equipment and distribution network due to less wear
- Greater productivity and lower maintenance costs thanks to less breakdowns
- Higher final product quality
- Increased reliability and reduced risk for leaks
- Energy savings with lower pressure drops (HAD 115 - HAD 1300)
- Compact execution
- Compatible with any compressor technology

Components

HAD 7-60

1. Prefilter removes particulates and coalesced liquids from the air stream.
2. Removable front panel allows for easy access for servicing without disconnecting the pipe system.
3. Postfilters, integrated in the dryer, removes particulate in the air stream.
4. Electronic control housed in an IP65 box, which enables:
   - regeneration cycle management
   - regulation status
   - default diagnosis
   - remote default report
5. Multiport inlet and outlet

HAD 115-645

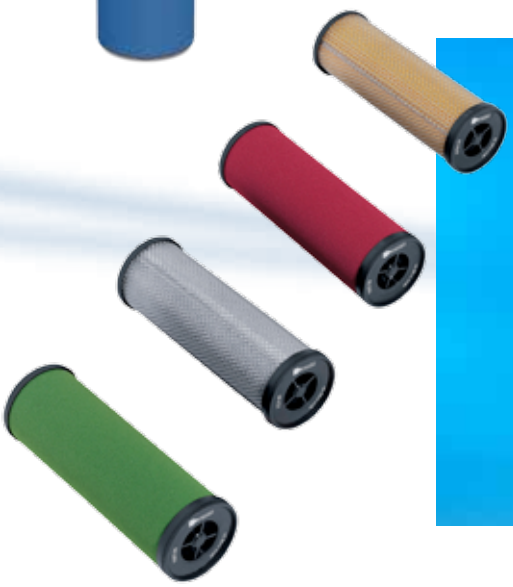
1. Base frame makes it easy to transport by fork lift.
2. Pressure gauge – tower A
3. Pressure gauge – tower B
4. Control dew point sensor (CD) as option.

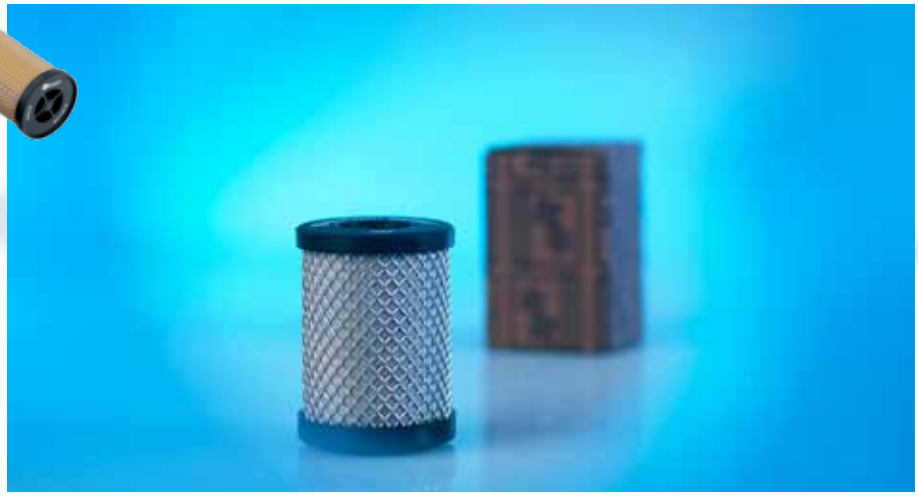
HAD 650-1300

1. Wide vessels for optimum air speed and reliable drying. Unit is rather low for its capacity due to flanges that are built into the vessels.
2. Air outlet connection.
3. Robust frame, including fork lift slots for easy installation.
4. Pressure Dew Point sensor (HAD/CD).
5. Pressure Dew Point digital display (HAD/CD).
6. Two manometers integrated in the control panel to show pressure in the two vessels.
7. Purge nozzle for regeneration.
8. Galvanized piping with flanged connections.
9. Inlet valves - long service interval.

Filters

Atmospheric air contains in its origin impurities like dust, various forms of hydrocarbons and water in form of humidity, which once sucked by the compressor is compressed and delivered to the line together with eventual oily particles. These polluting agents, interacting among each other, may generate abrasive and corrosive emulsions which can damage the distribution lines, the pneumatic devices and the product itself. To prevent this negative impact, ABAC has developed a whole range of filters to purify the air.





Applications

- Instrument systems
- Pharmaceutical industry
- Food industry
- Chemical & packaging industry
- Pneumatic transports
- Industrial painting
- Control systems
- Generic tools
- ...and any application using compressed air

Main benefits

- Purify the air its oil/dust contamination
- Increased production & quality: prevent breakdowns instead of curing
- Ensuring greater efficiency and reliability
- Less wear of distribution network and equipment
- Simple design, excellent performance
- Decreased maintenance costs
- Different cartridges with specific filtration qualities
- Higher final product quality

Fixed body
for the assembly on piping, with wide air passage and low load losses.
Mobile body
for containing the cartridge, easily unscrewable,with depressurisation device for a greater use safety and discharge of condensate.
Filtering element
with double supports in stainless steel, with pressure connection for easier replacement.
Automatic discharge
only for AQF, AEF, AHF , with floating device for the draining of separated liquids.
Manual discharge
for the series ACF, APF.
Anti-corrosion treatment
With varnishing of the surfaces for a long life of the filter body.

Line Filters

PREFILTER
Due to its great resistance to heat and wear, this is the ideal first protection stage of the compressed air system. It is suitable for intercepting a large quantity of solid and liquid particles up to3 micron in diameter, with minimal drop in pressure. The filter element is made of layers of glass microfiber and layers of non-woven polyester.

DUST FILTER
Prefilter with the ability to intercept solid and liquid particles up to 1 micron. Has the same features as the AQF series, the only difference being the greater degree of filtration. It is indicated as an additional filtration after the AQF prefilter or as a prefilter to the AHF series, to avoid premature clogging of the desoiling filter. The filter element is made of layers of glass microfiber and layers of non-woven polyester.

COALESCENCE FILTER
Interception filter suitable for hard and oil particles up to 0,1micron in diameter. This filter, by means of impact, interception and coalescing principles, causes the submicronic liquid particles, which strain through the element from the inside, to collide with each other, forming microdroplets which will drip at the bottom of the filter housing.
The element itself is made of a layer of borosilicate fiber-layer supported by two inner and outer stainless steal structures.

HIGH EFFICIENCY COALESCENCE FILTER
Coalescing filter suitable for hard and oil particles up to 0.01micron in diameter. It is similar to the AEF series, from which it differs only by the degree of filtration. Air passing through this filter is practically 99.99% oil free; therefore it is suitable for use in installations where purity of air is a must. It is utilized after a dryer as a desoiling filter and is the optimal prefilter for the ACF series.

ACTIVATED CARBON FILTER
There are many applications which require air not only free of micro impurities, but also odors and vapors. The activated carbon filter, through the absorption process, is able to attract all remaining odors and vapors left after desoiling, and attach them to the active carbon particles. The ACF filter must always be preceded by the AEF or AHF filter. The filtering element is made of a bed of activated carbon covered by a fiber coating, kept in place by an inside and outside stainless steel wall.

Options

ME Filter Clogging Indicator
(only for AQF, APF, AEF, AHF) with 360°visibility, to indicate the need to replace cartridge.

Multiple Filters Assembly Kit
For an installation of multiple filters.

MX Differential Pressure Gauge
(only for AQF, APF, AEF, AHF), for the direct reading of the status of cartridge efficiency. MX model is equiped with an additional LED that turn on when the pressure drop limit is reached. The information is saved until filter element exchange

Wallfastening Kit
For an easy fixing of the filter to the wall.

Oil-water separators

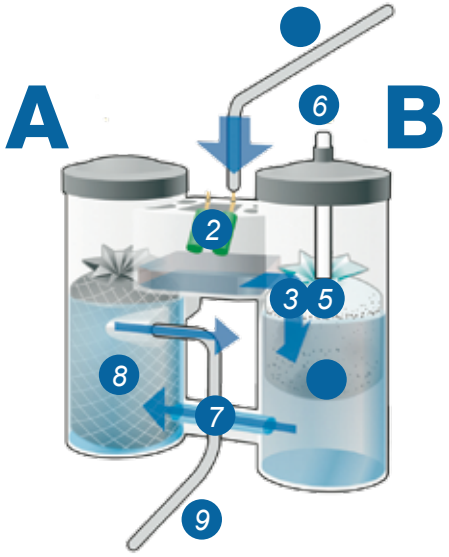
The WS Series oil-water separators collect the separated residual oil in a suitable container allowing the water which has been cleared of impurities to be drained. They represent a valid and economical solution to separate oil from condensate and offer a solution in-line with ecological legislation.

Applications

- Any application using compressed air systems

Main benefits

- Rinsed water which can be discarded easily and safely
- Easy operation
- Requires minimal installation and maintenance
- Meet environmental regulations and improve company image
- Excellent performance due to oleophilic and carbon filters
- Avoid high treatment costs
- User friendly (e.g. maintenance indicator)



1. Collection of any type of condensate including a mix of different oils
2. Condensates are collected though mufflers located in an expansion chamber where first stage separation takes place by depressurization.
3. Water/oil emulsion enters column A and passes through an oleophilic media, made of oil absorbing fibres which allow water to pass through.
4. The oleophilic filter floats in column A. This is advantageous for absorbing residual oil floating on the surface.
5. The weight of the filter increases as oil saturation increases. Oil progressively begins to reach the service indicator. Part of the filter that is not saturated keeps in contact with the water surface.
6. When the filter is totally saturated, there is indication that the filter needs to be changed.
7. Only cleaned condensate from the bottom of column A flows to column B.
8. Column B contains activated carbon, and absorbs the remaining oil in the condensate. The large capacity of the system prevents any risk of spillage in case of blockage of the system or if the system produces excessive quantities of condensate.
9. Oil content is approximately 15mg/l, at reference conditions, at the outlet, a level that allows disposal of the condensate into the foul drain without risk to the environment.

Maintenance kits

We offer maintenance kits to ensure constant performance and prompt maintenance. Each kit is carefully designed to simplify all maintenance and ensure correct operation. Cartridge exchange can be done quickly by removing the separator cap. A bucket is provided in the filter kit, so that old filters can be removed without spillage.

For each type of Oil/water separator, three service kits are available:

- Service kit A comprises the material to change the oleophilic filter once. It is a kit for the first service after installation when the condensate is in normal condition. After this, service kit D can be used.
- Service kit B comprises the material to change the oleophilic filter twice and the activated carbon filter once. This kit should be used when the condensate is in normal condition. The lifetime of the carbon filter is twice as long as that of the oleophilic filter.
- Service kit D comprises the material to change the oleophilic filter as well as the activated carbon filter once. This kit should be used when the condensate contains a lot of oil, so that all the filters will be saturated at the same time.
- Note: The service kits are delivered with diffuser, mufflers, buckets.

ABAC offers you all the spare parts you need to guarantee long life and reliable operation of you compressor. ABAC Original parts have passed the severe endurance tests and are designed to the same standards as your equipment, thus providing the best protection for your investment.

Unprofessional maintenance might lead to a supplementary, unpredictable high cost due to element or piston failure, wear, break-down cost, reduced lifetime and even contamination of the compressed air supply.
For example, the yearly energy cost for a 30 kW compressor can increase with 1000-2000€*.

Extend the lifetime of your compressor with ABAC Original Parts.

Condensate drains

ABAC also offers a complete range of automatic drains, widely used throughout the compressed air industry to discharge condensate from air receivers, filters, dryers, and condensate separators: float drains, electronic autodrains, automatic internal autodrain for filters and autodrains with timers.

Main benefits

- Easy discharge of condensate throughout the complete compressed air chain
- Less wear of distribution network and equipment
- Less stop in production
- Little maintenance needed

Applications

- Any application using compressed air systems

CD1 - Manual condensate drain

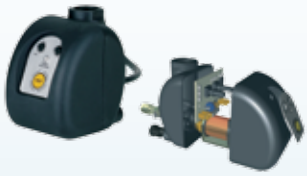
Manual Condensate Drains are used for discharging condensate from filters and other vessels with 1/2” drain connections. In order to prevent condensate from becoming re-entrained in the air stream we recommend controlling the condensate level in filter bowl, through an automatic drain trap.

CD2 - Internal automatic condensate drain

Is primarily used in filters. Its task is the automatic discharge of condensate and eventual oil residuals. When the accumulated condensate exceeds to discharge level, the float raises, opens the outlet and discharges condensate from the system. A manual emergency drain allows the operator to manually drain the filter, and check the correct performance of the drainer.

CD3 - Automatic condensate drain

It is applied when larger amounts of condensate (up to 300 l/h) must be automatically discharged from filters, pressure vessels and cyclone separators. It ensures reliable operation up to 20 barg (290 psig). When the condensate exceeds the discharge level, the float rises, opens the discharge aperture and discharges condensate from the system. We recommend the installation of the nipple, which improves the drainer performance.



CD4 - Time controlled condensate drain

This is a condensate drain which allows the user to discharge condensate for a controlled time and duration. Its purpose is draining accumulated condensate from filters or pressure vessels. It is adaptable to different applications, draining frequency and time.

CD5 - Intelligent condensate drain

Is used for the automatic draining of accumulated condensate from compressed air systems. The basic principle is to drain only the condensate water not the compressed air present in the system. Condense water level is determined by an electronic sensor. The body is made of durable plastic housing, which protects electronics inside the device from external harmful conditions.

CD6 - Electronic condensate drain

The new generation of electronic condensate drains is used for the automatic discharge of accumulated condensate. The basic principle is to drain only the condensate water not the compressed air present in the system. Condense water level is measured by an electronic sensor. The body is made of aluminium housing with plastic cover, which protects electronics inside the device from external harmful conditions.

Cyclonic separators

The cyclonic separators use centrifugal force to remove condensation droplets which have condensed in the flow of compressed air due to reduction in temperature.

Main benefits

- Efficient removal of water and big particles due to centrifugal force (1)
- Cost effective
- Very little maintenance required
- Low pressure drop
- Reliable operation

Applications

- Any application using compressed air systems

Aftercoolers

When compressed air is being discharged from a compressor, it is very hot. Aftercoolers are used to reduce the temperature of compressed air before entering the ring main.

Main benefits

- Cool air discharged from air compressors via the heat exchanger
- Protect downstream equipment from excessive heat

Applications

- Any application using compressed air systems

Vertical air receivers

Supplied with all necessary fittings. When using an intermittent air supply they act as a buffer and a storage medium which allows the distribution system to temporally sustain an air consumption which can be slightly higher than the capacity of the compressor.

Main benefits

- Pressure stabilization
- Pulsation reduction
- Velocity reduction
- Temperature reduction
- Storage for handling high air consumption
- Improvement of the life, reliability and functionality of your compressed air system
- Condensate separation

Applications

- Any application using compressed air systems

Refrigeration Dryers

Type	Code	Max press bar	Max press psi	Flow rate m3/1'	Flow rate m3/h	Flow rate CFM	Power W	Power supply V/Hz/ph	Connections gas/DIN	Dimensions mm L x W x H	Weight Kg
DRY 20	4102000740	16	232	0,333	20	11,8	130	230/50/1	3/4' M	350 x 500 x 450	19
DRY 25	4102000741	16	232	0,417	25	14,7	130	230/50/1	3/4' M	350 x 500 x 450	19
DRY 45	4102000742	16	232	0,750	45	26,5	164	230/50/1	3/4' M	350 x 500 x 450	19
DRY 60	4102000743	16	232	1,000	60	35,3	190	230/50/1	3/4' M	350 x 500 x 450	20
DRY 85	4102000744	16	232	1,417	85	50	266	230/50/1	3/4' M	350 x 500 x 450	25
DRY 130	4102000745	16	232	2,167	130	76,5	284	230/50/1	3/4' M	350 x 500 x 450	27
DRY 165	4102000746	13	188	2,750	165	97,1	609	230/50/1	1° F	370 x 500 x 764	44
DRY 210	4102000747	13	188	3,500	210	124	673	230/50/1	1° F	370 x 500 x 764	44
DRY 250	4102000748	13	188	4,167	250	147	793	230/50/1	11/2° F	460 x 560 x 789	53
DRY 290	4102000749	13	188	4,833	290	171	870	230/50/1	11/2° F	460 x 560 x 789	60
DRY 360	4102000750	13	188	6,000	360	212	1072	230/50/1	11/2° F	460 x 560 x 789	65
DRY 460	4102000751	13	188	7,667	460	271	1190	230/50/1	11/2° F	580 x 590 x 899	80
DRY 530	4102000752	13	188	8,833	530	312	1446	230/50/1	11/2° F	580 x 590 x 899	80
DRY 690	4102001584	13	188	11,500	690	406	1319	230/50/3	2° F	735 x 898 x 962	128
DRY 830	4102001585	13	188	13,833	830	489	1631	400/50/3	2° F	735 x 898 x 962	146
DRY 1040	4102001586	13	188	17,333	1040	612	1889	400/50/3	2° F	735 x 898 x 962	158
DRY 1260	4102001587	13	188	21,000	1260	742	2110	400/50/3	2° F	735 x 898 x 962	165

Item nummer	Item description
4101000651	Filters support bypass A0-4
4101000650	Filters support A0-4

Correction factor Formula for calculating the correction factor: K = A x B x C

Delivery correction factors for other conditions

Ambient temperature					
°C	25	30	35	40	45
A	**1,00**	0,92	0,84	0,80	0,74 (DRY20 - DRY530)
A	**1,00**	0,91	0,81	0,72	0,62 (DRY690 - DRY1260)

Working temperature						
°C	30	35	40	45	50	55
B	1,24	**1,00**	0,82	0,69	0,58	0,45 (DRY20 - DRY530)
B	1,00	**1,00**	0,82	0,69	0,58	0,49 (DRY690 - DRY1260)

Working Pressure												
bar (psi)	5 (72)	6 (87)	7 (100)	8 (116)	9 (130)	10 (145)	11 (159)	12 (174)	13 (188)	14 (203)	15 (218)	16 (232)
	0,90	0,96	**1,00**	1,03	1,06	1,08	1,10	1,12	1,13	1,15	1,16	1,17 (DRY20 - DRY 530)
	0,90	0,97	**1,00**	1,03	1,05	1,07	1,09	1,11	1,12 (DRY690 - DRY1260)			

Adsorption dryers

Type	Code	Max Working Pressure		Operating Pressure	Air treatment capacity (at reference conditions)			Standard dew point	AEF 0,1 µm 0,1 mg/m	AHF 0,01 µm 0,01 mg/mc	APF 1µm n.a. mg/mc	outlet connections	dimensions	Weight
		bar	psi	bar	l/1'	m³ /h	cfm	°C	pre filters		post filter	gas	L x W x H	Kg
HAD 7 STD	8102822304	16	232	7,0	114	7	4,1	-40	n.a.	AHF 60	Integrated in the dryer	3/8"	281 x 92 x 445	13
HAD 11 STD	8102822312	16	232	7,0	168	10	5,9	-40	n.a.	AHF 60			281 x 92 x 504	14
HAD 18 STD	8102822320	16	232	7,0	282	17	10	-40	n.a.	AHF 60			281 x 92 x 635	17
HAD 25 STD	8102822338	16	232	7,0	426	26	15,3	-40	n.a.	AHF 60			281 x 92 x 815	20
HAD 40 STD	8102822346	16	232	7,0	708	42	24,7	-40	n.a.	AHF 60			281 x 92 x 1065	24
HAD 60 STD	8102822353	16	232	7,0	990	59	34,7	-40	n.a.	AHF 60			281 x 92 x 1460	31
HAD 115 STD	8102327106	14,5	210	7,0	1920	115	67,7	-40	n.a.	AHF 120	APF 120	1"	550 x 242 x 998	64
HAD 145 STD	8102327114	14,5	210	7,0	2400	144	84,8	-40	n.a.	AHF 120	APF 120		550 x 242 x 998	64
HAD 160 STD	8102327122	14,5	210	7,0	2700	162	95,3	-40	n.a.	AHF 200	APF 200		550 x 242 x 1243	78
HAD 215 STD	8102327130	14,5	210	7,0	3900	234	138	-40	n.a.	AHF 200	APF 200		550 x 242x 1611	98
HAD 250 STD	8102327148	14,5	210	7,0	4500	270	159	-40	n.a.	AHF 340	APF 340		550 x 358 x 998	133
HAD 325 STD	8102327155	14,5	210	7,0	5400	324	191	-40	n.a.	AHF 340	APF 340		550 x 358 x 1243	158
HAD 360 STD	8102327163	14,5	210	7,0	6300	378	222	-40	n.a.	AHF 510	APF 510		550 x 358 x 1611	256
HAD 470 STD	8102327171	14,5	210	7,0	7800	468	275	-40	n.a.	AHF 510	APF 510		550 x 358 x 1611	256
HAD 575 STD	8102327189	14,5	210	7,0	9600	576	339	-40	n.a.	AHF 510	APF 510	1 ½"	550 x 520 x 1611	310
HAD 645 STD	8102327197	14,5	210	7,0	11400	684	403	-40	n.a.	AHF 800	APF 800		550 x 520 x 1611	310
HAD 650 STD 11	8102823120	11	159	7,0	10800	648	381	-40	AEF 800	AHF 800	APF 800		1040 x 840 x 1760	445
HAD 650 STD 14,5	8102823138	14,5	210	12,5	12900	774	456	-40	AEF 800	AHF 800	APF 800		1040 x 840 x 1760	445
HAD 800 STD 11	8102823153	11	159	7,0	13200	792	466	-40	AEF 800	AHF 800	APF 800		1040 x 840 x 1760	445
HAD 800 STD 14,5	8102823161	14,5	210	12,5	15900	954	561	-40	AEF 800	AHF 800	APF 800		1040 x 840 x 1760	445
HAD 1080 STD 11	8102823195	11	159	7,0	18000	1080	636	-40	AEF 1000	AHF 1000	APF 1000	2"	1046 x 894 x 1876	600
HAD 1080 STD 14,5	8102823203	14,5	210	12,5	21600	1296	763	-40	AEF 1000	AHF 1000	APF 1000		1046 x 894 x 1876	600
HAD 1300 STD 11	8102823237	11	159	7,0	21600	1.296	763	-40	AEF 1500	AHF 1500	APF 1500		1100 x 923 x 1914	650
HAD 1300 STD 14,5	8102823245	14,5	210	12,5	25800	1.548	911	-40	AEF 1500	AHF 1500	APF 1500		1100 x 923 x 1914	650

Standard features and options	HAD 7-60	HAD 115 - 645	HAD 650-1300
Capacity at 7 bar (- 40°C)	114 - 990 l/min	1920 - 11400 l/min	10800 - 21600 l/min
Dew point	Standard -40°C	Standard -40°C	Standard -40°C
Working pressure range	4-16 bar	4 - 14,5 bar	4-11 bar & 11-14,5 bar
Voltages	12 - 24 V - DC 50/60Hz	115- 230 V - AC 50/60Hz	230V - AC 50/60Hz
	100 - 115 - 230 V - AC 50/60Hz		

Adsorption dryers

Options:

	-70° C option		Purge Version Option	
Type	Code	Dsscription	Code	Dsscription
HAD 115 up to HAD 470	0000020851	PDP -70°C (D25 - D100)	0000020850	PDP Sensor Option (D25 - D100)
HAD650	0000020511	PDP -70°C (D150)	Dedicated partnumber available	
HAD800	0000020611	PDP -70°C (D185)		
HAD1080	0000020711	PDP -70°C (D250)		
HAD1300	0000020811	PDP -70°C (D300)		

Reference conditions:

- Operating pressure: see the technical data table.
- Operating temperature: 35°C.
- Relative humidity: 100%

Limit Conditions:

HAD7 – HAD 60

Min./max working pressure bar	4 - 16
Min./max working temp. °C.	1,5 - 50
Min/max amb temp °C.	5 - 50

HAD115 - HAD645

Min./max working pressure bar	4 – 14,5
Min./max working temp. °C.	2 - 50
Min/max amb temp °C.	2 - 45

HAD650 – HAD1300

Min./max working pressure bar	4 - 11 (HAD/11 design) 11 - 14,5 (HAD/16 design)
Min./max working temp. °C.	2 - 50
Min/max amb temp °C.	2 - 40

Filters are delivered loose with the dryer:

HAD 7-60: the prefilter can be directly fixed on the dryer.
HAD 115-1300: the filters have to be mounted on the air distribution line.

For working pressure differing from reference conditions use the correction factors table

Correction Factors	**HAD/16 design pressure**													
Inlet Pressure - bar	4	5	6	**7**	8	9	10	11	12	13	14	14,5	15	16
HAD7 up to HAD60	0,62	0,75	0,87	**1**	1,12	1,25	1,37	1,5	1,62	1,75	1,87	1,93	2	2,12
HAD 115 up to HAD 470	0,62	0,75	0,87	**1**	1,12	1.25	1,37	1,5	1,62	1,75	1,87	1,93	-	-
Correction Factors	**HAD/11 design pressure**								**HAD/16 design pressure**					
Inlet Pressure - bar	4	5	6	**7**	8	9	10	11	11	12,5	13	14	14,5	-
HAD650 up to HAD1300	0,47	0,68	0,84	**1**	1,11	1,2	1,3	1,38	0,89	1	1,04	1,11	1,15	-
Correction Factors														
Air inlet Temperature °C	20	25	30	**35**	40	45	50	-	-	-	-	-	-	-
HAD7 up to HAD60	1,07	1,06	1,04	**1**	0,88	0,78	0,55	-	-	-	-	-	-	-
HAD20 up to HAD1300	1	1	1	**1**	0,84	0,71	0,55	-	-	-	-	-	-	-
Correction Factors														
Pressure Dew Point °C	**-40**	-70	-	-	-	-	-	-	-	-	-	-	-	-
HAD7 up to HAD1300	**1**	0,7	-	-	-	-	-	-	-	-	-	-	-	-

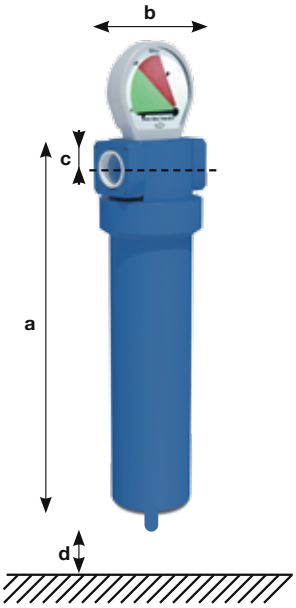
Filters

		AQF	APF	AEF	AHF	ACF
Filter type		**Pre filter**	**Dust filter**	**Coalescence filter**	**High efficiency coalescence filter**	**Activated carbon filter**
Color indication		Yellow	Green	Green	Red	Grey
Flow direction		IN->OUT	OUT->IN	IN->OUT	IN->OUT	IN->OUT
Filtration grade [µ]		3	1	0,1	0,01	n.a.
Oil carry over [mg/m³]		n.a.	n.a.	0,1	0,01	0,005
Initial pressure drop [bar]		0,04	0,08	0,08	0,09	0,12
Max. temperature [°C]		66	66	66	66	35
Max. pressure drop for exchange [bar]		0,6	0,6	0,6	0,6	6 months
Drains	Manual		x			x
	Automatic	x		x	x	

Code	Accesories
1624164000	Pressure Drop Indicator-basicsight ME
1624164200	Differential Pressure Gauge MX
1624164300	Differential Pressure Gauge LED MXX
1624164100	Differential pressure drop indicator in alluminium
1624164500	Wall Mounting Kit A60-A120
1624164600	Wall Mounting Kit A200-A800
1624164700	Serial Kit 2 Filters A60-A120
1624164800	SerialKit 2 Filters A200-A800
1624164900	Serial Kit 3 Filters A60-A120
1624165000	Serial Kit 3 Filters A200-A800
1624164500	Wall Mounting Kit Small (60 - 120 Abc)

Correction factor for operating pressure charges																
Working Pressure	bar	2	3	4	5	6	**7**	8	9	10	11	12	13	14	15	16
	psi	29	44	58	73	87	**102**	116	131	145	160	174	189	203	218	232
Correction Factor		0,38	0,52	0,63	0,75	0,88	**1,00**	1,13	1,26	1,38	1,52	1,65	1,76	1,87	2,00	2,14

Filters

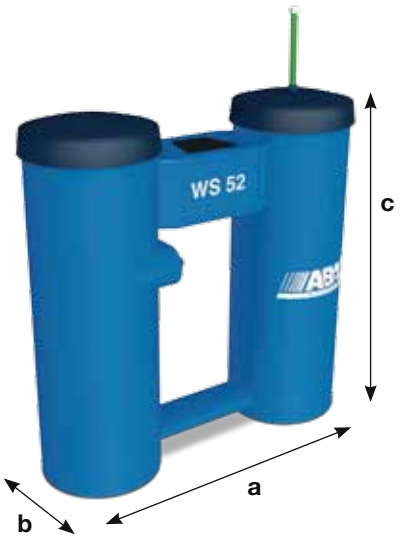


	Model	Code	Capacity			Connect	Dimensions				Weight	Filter Element Model	Filtering Elements
			L/M/h	mc/h	cfm	Ø	a	b	c	d	Kg		Code
AQF - Prefilter	AQF60	8102 8076 69	1.000	60	35	1/2”	187	88	20	60	0,7	AQFC60	2258 2900 03
	AQF80	8102 8077 01	1.333	80	47	1/2”	187	88	20	60	0,7	AQFC80	2258 2900 07
	AQF120	8102 8077 43	2.000	120	71	1/2”	257	88	20	80	0,8	AQFC120	2258 2900 11
	AQF200	8102 8077 84	3.333	200	118	1”	263	125	32	100	1,8	AQFC200	2258 2900 15
	AQF340	8102 8084 28	5.667	340	200	1”	363	125	32	120	2,5	AQFC340	2258 2900 19
	AQF510	8102 8084 69	8.500	510	300	1 1/2”	461	125	32	140	2,5	AQFC510	2258 2900 23
	AQF800	8102 8085 01	13.333	800	471	1 1/2”	640	125	32	160	3,2	AQFC800	2258 2900 27
	AQF1000	8102 8085 43	16.667	1.000	589	2”	684	163	42	520	5,1	AQFC1000	2258 2900 31
	AQF1500	8102 8085 84	25.000	1.500	883	2”	935	163	42	770	7,1	AQFC1500	2258 2900 35
	AQF2400	8102 8086 26	40.000	2.400	1.412	3”	1000	240	58	780	14	AQFC2400	2258 2900 39
APF - Dust filter	APF60	8102 8076 36	1.000	60	35	1/2”	187	88	20	60	0,7	APFC60	2258 2900 00
	APF80	8102 8076 77	1.333	80	47	1/2”	187	88	20	60	0,7	APFC80	2258 2900 04
	APF120	8102 8077 19	2.000	120	71	1/2”	257	88	20	80	0,8	APFC120	2258 2900 08
	APF200	8102 8077 50	3.333	200	118	1”	263	125	32	100	1,8	APFC200	2258 2900 12
	APF340	8102 8077 92	5.667	340	200	1”	363	125	32	120	2,5	APFC340	2258 2900 16
	APF510	8102 8084 36	8.500	510	300	1 1/2”	461	125	32	140	2,5	APFC510	2258 2900 20
	APF800	8102 8084 77	13.333	800	471	1 1/2”	640	125	32	160	3,2	APFC800	2258 2900 24
	APF1000	8102 8085 19	16.667	1.000	589	2”	684	163	42	520	5,1	APFC1000	2258 2900 28
	APF1500	8102 8085 50	25.000	1.500	883	2”	935	163	42	770	7,1	APFC1500	2258 2900 32
	APFC2400	8102 8085 92	40.000	2.400	1.412	3”	1000	240	58	780	14	APFC2400	2258 2900 36

Filters

	Model	Code	Capacity			Connect	Dimensions				Weight	Filter Element Model	Filtering Elements
			L/M/h	mc/h	cfm	Ø	a	b	c	d	Kg		Code
AEF - Coalescence filter	AEF60	8102 8086 34	1.000	60	35	1/2”	187	88	20	60	0,7	AEFC60	2258 2900 00
	AEF80	8102 8086 42	1.333	80	47	1/2”	187	88	20	60	0,7	AEFC80	2258 2900 04
	AEF120	8102 8086 59	2.000	120	71	1/2”	257	88	20	80	0,8	AEFC120	2258 2900 08
	AEF200	8102 8086 67	3.333	200	118	1”	263	125	32	100	1,8	AEFC200	2258 2900 12
	AEF340	8102 8086 75	5.667	340	200	1”	363	125	32	120	2,5	AEFC340	2258 2900 16
	AEF510	8102 8086 83	8.500	510	300	1 1/2”	461	125	32	140	2,5	AEFC510	2258 2900 20
	AEF800	8102 8086 91	13.333	800	471	1 1/2”	640	125	32	160	3,2	AEFC800	2258 2900 24
	AEF1000	8102 8087 09	16.667	1.000	589	2”	684	163	42	520	5,1	AEFC1000	2258 2900 28
	AEF1500	8102 8087 17	25.000	1.500	883	2”	935	163	42	770	7,1	AEFC1500	2258 2900 32
	AEF2400	8102 8087 25	40.000	2.400	1.412	3”	1000	240	58	780	14	AEFC2400	2258 2900 36
AHF - High efficiency coalescence filter	AHF60	8102 8076 44	1.000	60	35	1/2”	187	88	20	60	0,7	AHFC60	2258 2900 01
	AHF80	8102 8076 85	1.333	80	47	1/2”	187	88	20	60	0,7	AHFC80	2258 2900 05
	AHF120	8102 8077 27	2.000	120	71	1/2”	257	88	20	80	0,8	AHFC120	2258 2900 09
	AHF200	8102 8077 68	3.333	200	118	1”	263	125	32	100	1,8	AHFC200	2258 2900 13
	AHF340	8102 8084 02	5.667	340	200	1”	363	125	32	120	2,5	AHFC340	2258 2900 17
	AHF510	8102 8084 44	8.500	510	300	1 1/2”	461	125	32	140	2,5	AHFC510	2258 2900 21
	AHF800	8102 8084 85	13.333	800	471	1 1/2”	640	125	32	160	3,2	AHFC800	2258 2900 25
	AHF1000	8102 8085 27	16.667	1.000	589	2”	684	163	42	520	5,1	AHFC1000	2258 2900 29
	AHF1500	8102 8085 68	25.000	1.500	883	2”	935	163	42	770	7,1	AHFC1500	2258 2900 33
	AHF2400	8102 8086 00	40.000	2.400	1.412	3”	1000	240	58	780	14	AHFC2400	2258 2900 37
ACF - Activated carbon filter	ACF60	8102 8076 51	1.000	60	35	1/2”	187	88	20	60	0,7	ACFC60	2258 2900 02
	ACF80	8102 8076 93	1.333	80	47	1/2”	187	88	20	60	0,7	ACFC80	2258 2900 06
	ACF120	8102 8077 35	2.000	120	71	1/2”	257	88	20	80	0,8	ACFC120	2258 2900 10
	ACF200	8102 8077 76	3.333	200	118	1”	263	125	32	100	1,8	ACFC200	2258 2900 14
	ACF340	8102 8084 10	5.667	340	200	1”	363	125	32	120	2,5	ACFC340	2258 2900 18
	ACF510	8102 8084 51	8.500	510	300	1 1/2”	461	125	32	140	2,5	ACFC510	2258 2900 22
	ACF800	8102 8084 93	13.333	800	471	1 1/2”	640	125	32	160	3,2	ACFC800	2258 2900 26
	ACF1000	8102 8085 35	16.667	1.000	589	2”	684	163	42	520	5,1	ACFC1000	2258 2900 30
	ACF1500	8102 8085 76	25.000	1.500	883	2”	935	163	42	770	7,1	ACFC1500	2258 2900 34
	ACF2400	8102 8086 18	40.000	2.400	1.412	3”	1000	240	58	780	14	ACFC2400	2258 2900 38

Oil-Water Separators



Model	Code	Installation Flow with dryer			Installation Flow without dryer			Connections		a	b	c	Weight	
		l/min	m3/h	scfm	l/min	m3/h	scfm	inlet1	out-let2	mm	mm	mm	kg	lbs
WS13	8102045989	2100	126	74	2700	162	95	1x1/2”	1x1/2”	470	165	600	4	8,8
WS34	8102045997	5700	342	201	7083	425	250	2x1/2”	1x1/2”	680	255	750	13	28,7
WS52	8102046003	8700	522	307	10500	630	371	2x1/2”	1x1/2”	680	255	750	15	33,1
WS128	8102046011	21300	1278	752	26100	1566	922	2x3/4”	1x3/4”	750	546	900	25	55,1
WS218	8102046029	36300	2178	1282	45600	2736	1610	2x3/4”	1x3/4”	750	546	1030	26	57,3
WS297	8102046037	49500	2970	1748	61200	3672	2161	2x3/4”	1x3/4”	945	650	1100	28	61,7
WS425	8102046045	70800	4248	2500	87300	5238	3083	2x3/4”	1x3/4”	945	695	1100	30	66,1
WS850	8102046052	141600	8496	5001	174600	10476	6166	2x3/4”	1x1”	945	1185	1100	60	132,3

Notes

Reference conditions								
Residual oil equal to 15 mg/l.								
Mild environmental temperature (25 °C with 60% relative humidity)								
Correction factors: multiply the flow indicated by the relative correction factor.								
Cold environment (15 °C / 60% UR)	with Dryer	without Dryer						
Correction factor	1,80	2,30						
Hot environment (35 °C / 70% UR)	with Dryer	without Dryer						
Correction factor	0,45	0,40						
Operating cycle: hours per day	8	10	12	14	16	18	20	22	24
Correction factor	1,50	1,20	1,00	0,86	0,75	0,67	0,60	0,55	0,50
Residual oil 10 mg/l Correction factor 0,67								

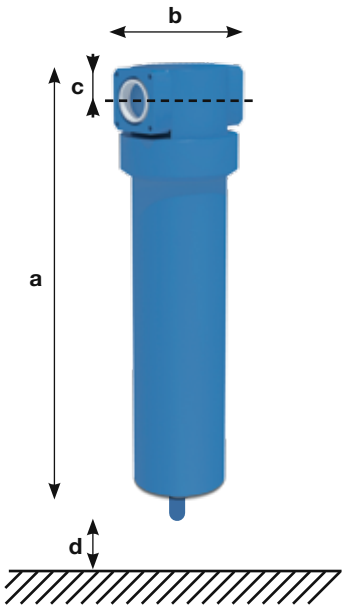
Oil-water separator maintenance kits

Kit composition							
Model	Kit type	Code	Oleophilic filter	Small oleophilic filter	Activated Carbon filter	Diffuser	Mufflers
WS13	Kit A	2901140000	1	-	-	1	1
	Kit B	2901140001	2	-	1	2	2
	Kit D	2901157500	1	-	1	1	1
WS34	Kit A	2901140100	1	-	-	1	1
	Kit B	2901140101	2	-	1	2	2
	Kit D	2901157600	1	-	1	1	1
WS52	Kit A	2901140200	1	-	-	1	1
	Kit B	2901140201	2	-	1	2	2
	Kit D	2901157700	1	-	1	1	1
WS128	Kit A	2901140300	1	1	-	1	1
	Kit B	2901140301	2	2	2	2	2
	Kit D	2901157800	1	1	2	1	1
WS218	Kit A	2901140400	1	1	-	1	1
	Kit B	2901140401	2	2	2	2	2
	Kit D	2901157900	1	1	2	1	1
WS297	Kit A	2901140800	1	1	-	1	1
	Kit B	2901140801	2	2	2	2	2
	Kit D	2901158100	1	1	2	1	1
WS425	Kit A	2901140900	1	1	-	1	1
	Kit B	2901140901	2	2	2	2	2
	Kit D	2901158200	1	1	2	1	1
WS850	Kit A	2901141000	2	2	-	1	1
	Kit B	2901141001	4	4	4	2	2
	Kit D	2901158300	2	2	4	1	1

Condensate Drains

Code	Description	Operating pressure range		Connection	Purge capacity at 7 bar	Power supply	Protection class
		bar	psi	Ø	l/h	Volt/Herz	IP
8973015416	Manual condensate drain-CD1	0-16	0-232	1/2”	-	-	-
8973015418	internal automatic condensate drain CD2	0-16	0-232	1/2”	30,00	-	-
8973015419	Automatic condensate drain-CD3	0-20	0-290	1/2”	167,00	-	-
8973015417	Nipple for drainer 8973015419	-	-	1/2”		-	-
8973015420	Time controlled condensate drain-CD4	0-16	0-232	1/2”in-1/8”out	240,00	230/50-60	IP54
8973015421	Intelligent condensate drain-CD5	0-16	0-232	1/2”in-1/8”out	45,00	230/50-60	IP54
8973015422	Electronic condensate drain-CD6	0-16	0-232	1/2”in-1/8”out	15,00	230/50-60	IP54

Cyclonic separators



Model	Code	l/min	Flow rate cfm	m3/h	Output connection	Dimensions mm			
						A	B	C	D
ASA1	8973020269	2.000	71	120	3/8”	187	88	21	60
ASA2	8973020270	2.583	91	155	1/2”	187	88	21	60
ASA3	8973020271	3.917	138	235	3/4”	256	88	21	80
ASA4	8973020272	6.083	215	365	1”	262	125	33	100
ASA5	8973020273	12.833	453	770	1-1/2”	452	125	33	140
ASA6	8973020274	21.333	753	1.280	2”	695	163	48	520
ASA7	8973020275	41.000	1.448	2.460	2”-1/2”	695	163	48	520

Aftercoolers

Model	Code	Flow-rate l/min	CFM	m3/h	Power Watt	Volt/Ph/Hz	Output connection	Dimensions (length x width x height)	Peso Weight Kg lbs	
ARA 10	8973015432	1000	32,5	60	35	230/1/50	1”	630 x 290 x 490	19	42
ARA 20	8973015430	2000	70,4	120	35	230/1/50	1”	630 x 290 x 490	20	44
ARA 30	8973015431	3000	105	180	140	400/3/50	1-1/2”	710 x 230 x 560	29	64
ARA 40	8973015427	4000	140	240	290	400/3/50	1-1/2”	710 x 320 x 560	32	70
ARA 50	8973015428	5000	175	300	290	400/3/50	2”	800 x 480 x 800	49	108
ARA 65	8973015425	6500	229	390	520	400/3/50	2”	800 x 480 x 800	51	112
ARA 80	8973015424	8000	282	480	520	400/3/50	2”	800 x 800 x 480	53	117
ARA 120	8973015426	12000	422	720	550	400/3/50	2”	1100 x 940 x 800	97	213
ARA 160	8973015423	16000	569	960	550	400/3/50	2-1/2”	1200 x 1000 x 1200	120	264

Vertical air receivers

Codes	Ø Air Connections		Tank LT	Max pressure		Dimension Size	Weight	
	in	out		bar	psi		kg	lbs
2236100970	3/4”	1/2”	100	11	159,5	370 × 370 × 1200 h	37	81
2236100971	1”	1/2”	200	11	159,5	450 × 450 × 1550 h	62	136
2236100972	1”	3/4”	270	11	159,5	500 × 500 × 1650 h	80	176
2236100973	3/4” + 1	3/4” + 1	500	11	159,5	600 × 600 × 2100 h	135	297
2236100974	3/4” + 1	3/4” + 1”	720	11	159,5	750 × 750 × 2050 h	180	396
2236100975	1 1/2”	1”	900	12	174	800 × 800 × 2500 h	230	506
2236100976	2”	2”	1000	12	174	800 × 800 × 2500 h	230	506
2236100980	2”	2”	2000	12	174	1100 × 1100 × 2500 h	330	726
2236100981	2”	2”	3000	12	174	1200 × 1200 × 3300 h	560	1232
2236100982	2”	2”	5000	12	174	1600 x 1600 x 3300 h	1.100	2.420
2236100977	3/4” + 1	3/4” + 1	500	15	217,5	600 × 600 × 2100 h	150	330
2236100978	2”	2”	1000	15	217,5	800 × 800 × 2500 h	250	550
2236100979	2”	2”	2000	15	217,5	1100 × 1100 × 2500 h	360	792

FAQ page

Q: Why do I need Quality air solution products?

A: During the compression process, humidity and contamination from the intake air combine with the oil used in the compressor which creates impurities. The different quality air solution products are thus needed to purify the compressed air to prevent it from damaging the downstream equipment. Consequently, air quality is ensured, efficiency and productivity will be increased and the life span of your equipment and tools will be lengthened. In sum, quality air solution products are indispensable whenever you are using a compressed air system.

Q: How do I benefit from having a dryer?

A: Humidity is a component of atmospheric air which will be transformed into condensate and/or vapor state after the compression process. A dryer will remove this condensate and/or vapor so that dry compressed air is achieved. This will result in a longer life span of your equipment, lower maintenance costs due to less breakdowns, a continuous preservation of efficient production and a higher final product quality.

Q: What is the difference between refrigerant and adsorption dryers?

A: The refrigerant dryers use a refrigerant gas in order to cool the compressed air. As a result the water from the air condenses and can be removed. With this technique we can reach max. 3°C. PDP. An adsorption dryer uses an adsorption material called “desiccant” in order to absorb and remove (by regeneration phase) the humidity from the compressed air. With this method we can reach a PDP < 3°C. (-40°C. or -70°C.). An adsorption dryer should also be used when the ambient temperature goes below freezing point, to avoid ice building in pipes and applications.

Q: What advantages follow from installing one or more filters?

A: Atmospheric air contains in its origin many impurities which once compressed (and combined with the oil, in the case of oil-injected compressors) may generate abrasive and corrosive emulsions which can damage the distribution lines, the pneumatic devices and the product itself. A wide range of filters is available to purify the compressed air. As a result, productivity, quality and reliability are increased, the wear of the distribution network is limited and breakdowns are prevented instead of cured.

Q: Can the collected condensate simply be discarded?

A: No, once the condensate has been removed from the compressed air, it still needs to be cleaned in order to be in-line with local environmental legislations. For this process, oil-water separators are used. Separating both substances (water & oil) results in rinsed water which can be discarded easily. The limited amount of oil has to be discharged in a specialized disposal center.

Q: Is it useful to install a vertical air receiver?

A: Yes, it is useful because this quality air solution product serves several different purposes. First of all, as it is usually placed immediately after your compressor, a vertical air receiver will already separate and remove condensate. Moreover, it will also stabilize pressure peaks and cause a stable air flow which is beneficent for the final tools. Finally, it also fulfills a storage function in order to handle high air consumption.

Original Spare Parts

ABAC offers you all the spare parts you need to guarantee long life and reliable operation of you compressor. ABAC Original parts have passed the severe endurance tests and are designed to the same standards as your equipment, thus providing the best protection for your investment.

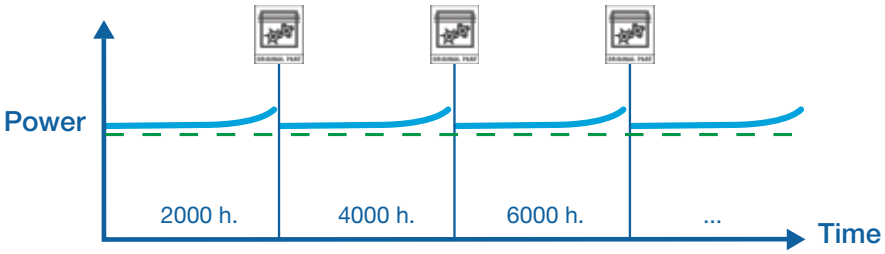
Unprofessional maintenance might lead to a supplementary, unpredictable high cost due to element or piston failure, wear, break-down cost, reduced lifetime and even contamination of the compressed air supply. For example, the yearly energy cost for a 30 kW compressor can increase with 1000-2000€*.

Extend the lifetime of your compressor with ABAC Original Parts.

For a full and detailed overview of all ABAC screw compressors, please have a look at the ABAC screw compressor leaflets.

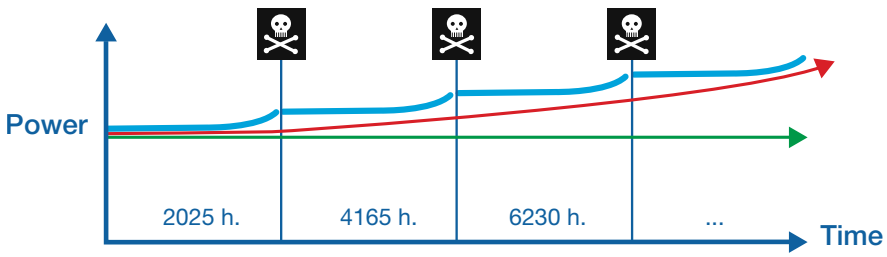
Original parts. Your quality assurance!

'Original Part' spare part and services



Maintenance with genuine spare part & professional service

Non genuine spare part and services



Maintenance with non genuine spare part, unprofessional service or extending maintenance intervals

Main benefits

- Extend the lifetime of your compressed air installation
- Reduce costs and save energy
- Get maximum performance and efficiency

*(depending on operation load and running hours, assumed 2000-4000 hours @ 0.10 €/kWh).

Piston compressors

ABAC is renowned for its competitive piston compressor ranges for DIY, professional and industrial markets. Plug and play air solutions with a quality label, always available and ready to use!

ABAC pistons compressors include a large range of compressors that strongly value key features like reliability, durability, flexibility, and user friendliness. In our designs we incorporate all latest technologies and extensive experience of our design teams to match the requirements and exceed the expectations of our large and diverse customer base. Compressed air at your service!

For a full and detailed overview of all ABAC piston compressors, please have a look at the ABAC piston compressor catalogue.

Main benefits

- Performance, reliability and durability in design and component selection
- Many different configurations and easy to move units bring you high flexibility
- User friendliness with clear gauges and regulators, large wheels and ergonomic handles
- Vertical configurations to reduce the installation footprint
- Silenced units available to optimize user comfort
- Engine driven units to serve all your remote applications with both air and electricity (engineAIR & BI engineAIR)

Screw compressors

Compressed air made easy, even for the most demanding applications

Whenever continuous air flow is needed, ABAC screw compressors are a safe investment. ABAC screw compressors are silent, extremely efficient and offer you a long lifetime thanks to less vibration and fewer moving parts. Offering a wide range within the different types, there is no need to give in on any detail: your most specific business requirements will be met. Finally, robustness and reliability are key with the new generation, providing you full peace of mind!

For a full and detailed overview of all ABAC screw compressors, please have a look at the ABAC screw compressor leaflets.

Main benefits

- Reduced noise levels
- Easy to install and maintain: rapid access to servicing parts and long service intervals
- Ideal combination of compactness and high performance
- Cost effective
- User friendly
- Maximized efficiency
- Supporting a comfortable workplace

ABAC Distributors' tools

As ABAC official partner we provide you with lots of tools for growing your business! All of these tools are available at ABAC official website: www.abacaircompressors.com

ABAC Business portal*: Your inside information source

This tool provides you with latest news, technical data, presentations, leaflets, videos and other usefull information.

ABAC Connect*: Your gate to ordering ABAC Original Parts

With this application you can:

- order spare parts
- check availability of spare parts
- look for prices and discounts
- track and trace the orders
- see online invoices' and orders' history

* Access to these tools can be requested at your local representative/customer center/sales contact.

Piston Original Kit and Part Selector*

This tool is the fastest way to tracing the spare part you need. You are provided with easy overview of all parts, where active parts are shown directly from the engineering system. Access Piston Original Kit and Part Selector from ABAC official website. ABAC official distributors have access to the Piston Original Kit and Part Selector from ABAC Business portal.

AIRnet website

Find latest inside information about AIRnet with dedicated distributor section and special Training Room for Distributors on AIRnet website:

www.airnet-system.com

The training room includes installation advice, instruction movies, calculation tools, tips, etc.

ABAC Photo Archive: Find all pictures you need

You are an ABAC distributor and need some high quality pictures for your catalogue or website? We have the right tool for you! Welcome to the on-line ABAC photo archive

http://photo.abacaircompressors.com

Notes

Notes

The world of ABAC

Original parts.
Your quality assurance.

The ‘original part’ identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor and are approved for use on the specified compressor. They have been thoroughly tested to obtain the highest level of protection, extending the compressors’ lifetime and keeping the cost of ownership to an absolute minimum. No compromises are made on reliability. The use of ‘original part’ certified quality components helps ensure reliable operation and will not impact the validity of your warranty, unlike other parts. Look for your quality assurance.

Your Authorized Distributor

6999860200

ABAC AIR COMPRESSORS

Compressed air at your service