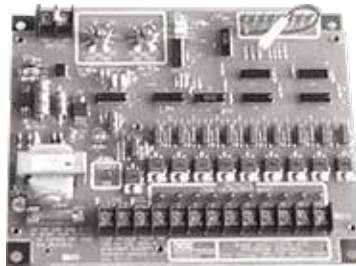
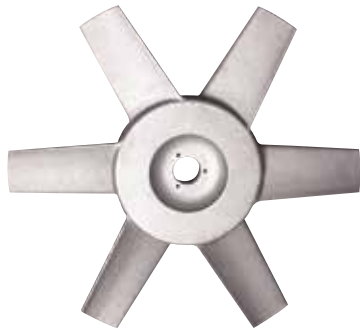


UNIVERSAL REPLACEMENT PARTS, FILTER & ACCESSORIES



Welcome to AGI Airlanco

Replacement Parts for Filtration, Aeration, and Pneumatic Conveying Systems

Maintain Peak Operating Performance

Our Service and Parts Center offers competitive prices and fast turnaround to keep you running at peak efficiency. We stock a full range of quality replacement parts for filters, fans, and airlocks. Our inventory includes commonly requested parts for equipment made by other manufacturers as well as for our own products. So check with us first and get all the parts and maintenance items you need from one established source. Fabric filters of many types and sizes, cages, cartridge filters, diaphragm valves,

Get Replacement Parts and Retrofits from One Source

Select from our extensive inventory of parts, components, and maintenance items or enlist our manufacturing capabilities to get custom-made replacements guaranteed to fit.

Fast and Responsive Service

We do whatever it takes to meet your equipment needs and your timetable – whether you're ordering a single part or a major component. When you want quality parts and components combined with prompt shipment and consistently responsive service, count on AIRLANCO. Service sets us apart – and has for over 30 years.

Stocked Parts

- Filter Bags
- Cages
- Cartridge Filters
- Airlocks
- Diaphragm Valves
- Solenoid Valves
- Timer Boards
- Barrel-Type Silencers
- Vibration Dampeners
- Gravity Vents
- Shutters
- Manifold Fittings
- Roof Exhausters
- Ducts and Accessories
- Axial Fans
- Motors



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Air Management Solutions

AIRLANCO specializes in designing and manufacturing air management equipment and systems. We began many years ago by developing aeration equipment – first for on-farm grain storage and eventually for major terminal facilities. Today AIRLANCO is the nation's leading name in aeration. Our dependable axial and centrifugal fans, ducting, transitions, and other sheet metal and aeration products are in daily use at thousands of sites across North America.

Over thirty years ago, our company also started to manufacture industrial dust control equipment. Today you'll find our air filtration systems at work helping a wide range of industries meet OSHA, EPA, and other air quality guidelines.

More recently, we have developed pneumatic conveying systems for dry solids that use some of our established products in new ways to meet our customers' needs. Field-proven components used in our aeration and filtration systems have been adapted to our pneumatic conveyors. Pneumatic Conveying is a natural extension of our air management capabilities and a natural choice for moving dry solids efficiently through your plant.

For all of this equipment, we manufacture and stock replacement parts and maintenance items to keep our equipment and equipment made by other manufacturers running efficiently, productively, and safely.

Fabric Collector Basics

You can expect most well-designed and properly maintained fabric collectors to operate at 99% efficiency or even slightly higher – measured by the ratio between the weight of material collected and the weight of material that escapes. Lesser performance is frequently a result of by-pass due to damaged fabric, faulty seals, or sheet metal leaks, rather than actual penetration of the fabric.

AIRLANCO will issue emission guarantees as low as 0.02 grains per dry standard cubic foot of air under certain conditions. For many wood applications, emissions guarantees may be as low as 0.0022 grains per dry standard cubic foot. Specialty filter media that can meet typical emission levels are...

1. PTFE membrane laminates can meet 0.0025 grains/dscf.
2. P84 and composites can meet 0.005 grains/dscf.
3. Multi-denier polyester can meet 0.015 grains/dscf.

Fabric collectors are sized to provide sufficient filter media area to allow operation without excessive pressure drop. The amount of filter area required depends on many factors:

1. Release characteristics of the dust.
2. Porosity of the dust cake.
3. Concentration of the dust in the gas stream.
4. Type of fabric and surface finish.
5. Type of cleaning mechanism.
6. Cleaning interval.
7. Airflow pattern in the filter.
8. Temperature and humidity of the gas stream.

Filter Media Basics

Reliable filtration of process air prevents air contamination and/or loss of a valuable product. Choosing the right filter media is one of the best ways to ensure reliable filtration.

Common filter media may be made from either natural fibers such as cotton or wool or synthetic fibers such as polyesters, acrylics, nylons, various blends, or glass fibers. Exotic media such as ceramics or felted metals may be required in some extreme applications. For all practical purposes, natural fiber media are no longer used, so we will examine only common synthetic fiber media.

Needled felt fabric is probably the most typical media construction now in use for bag-type filters. It may be either supported or unsupported. Supported felt includes a scrim layer of light woven fabric sandwiched between layers of felt to improve the fabric's dimensional stability and tear resistance. Fabrics are specified by weight, either in ounces per square yard or in grams per square meter.

Cartridge filters may be assembled using a variety of media. We recommend AIRLANCO "Spun Bonded" polyester media. These fabrics are available in plain finish or with a variety of surface finishes or treatments for special applications.

Polyester

Polyester is the most cost effective filter media at low temperatures from ambient to a maximum of 275°F (135°C). It is available under several proprietary names and offers good resistance to most atmospheres at ambient temperatures. Polyester is a condensation polymer and is a thermoplastic. It is subject to hydrolysis: the molecular breakdown of the fiber when subjected to medium range temperature, moisture, and chemistry. As a thermoplastic, polyester can be singed, glazed, or easily bonded to PTFE membrane. Anti-static elements can be added to dissipate static charges. This treatment helps reduce the potential for explosions and/or heavy dust cake build-up.

Polypropylene

Polypropylene is best known for its resistance to moisture. Maximum temperature is limited to only 190°F (90°C). It is resistant to a broad range of acids and alkalis. Polypropylene is extremely non-adhesive, which makes it very easy to clean and a good choice for sticky, adhesive dusts. Filters equipped with polypropylene seldom have a large differential pressure from dust build-up. Polypropylene is damaged by oxidizing agents, copper, and related salts.

Acrylics

Homo-Acrylics offer good hydrolytic resistance when temperatures are kept below 260°F (127°C). They also provide good resistance to organic and mineral acids, organic solvents, and oxidizing agents. Homo-polymer acrylics, such as Dralon T®, are typically recommended in installations where polyester fabrics have failed from hydrolysis. Note that regular acrylic fabric does not resist hydrolysis and should not be substituted in filtration applications.

Nomex

Nomex is a commonly used fiber for dry heat applications up to 400°F (204°C). It will begin to hydrolyze at 375°F (190.6°C) when the relative humidity is 10% or greater. The presence of acids will catalyze the hydrolysis process. Unacceptably short bag life will result where SO_x and moisture are present and frequent dew-point excursions occur. Nomex is not a thermoplastic and cannot be glazed, but it can be singed using special techniques. Nomex can be finished with a PTFE membrane if it is first treated with Teflon B to achieve a proper bond.

P-84

P-84 is a polyamide fiber with a very high temperature resistance. It withstands up to 460°F (237.8°C) continuous and excursions to 500°F (260°C). P-84 is a condensation polymer and is subject to hydrolysis at elevated temperatures. The tri-lobal fiber shape gives P-84 a larger surface area, which makes it a very efficient filter fabric. P-84 is not available in a large variety of finishes and must be treated with Teflon B to bond a PTFE membrane.

Ryton

Ryton is a relatively high-temperature synthetic fiber that will operate at 375°F (190.6°C) continuously with excursions to 425°F (218.3°C). It is chemically resistant to a broad range of acids, alkalis, and oxidizing agents. It will hydrolyze, but only at temperatures above 375°F (190.6°C), so that it replaces Nomex under these conditions. Ryton has a low rate of moisture absorption like Polypropylene, except at higher temperatures. Ryton is a thermoplastic and can be singed, glazed, and easily bonded to PTFE membrane.

Teflon® (PTFE)

Teflon® is available in either felt produced in combination with staple glass fibers or as a woven fabric. PTFE is unique in its ability to resist chemical attack across the entire pH range throughout its operating temperature range. It is non-adhesive, has zero moisture absorption, and is unaffected by mildew or ultraviolet light. The primary shortcomings of PTFE are its poor abrasion resistance and relatively high cost. Often, the higher cost can be offset through longer life in extreme corrosive conditions. Special coating is required to bond PTFE membrane to woven or felted PTFE fabric.

Finishes

Finishes are mechanically applied surface treatments that generally improve dust cake formation on the media and enhance filter cleaning.

Plain: The natural surface of the felt after it has been heat set. The surface has a natural softness attributed to the open fibers, which aid in the capture of fine particulates. They also hold the dust cake, possibly retarding good cake release.

Singed: Plain finished felt is passed through an open gas oven where the surface fibers are melted into "mushroom caps." This is the most basic finish to assist in the release of dust cake under demanding conditions.

Eggshell: This finish is similar to a singed treatment, except that pressure is applied to produce a smoother surface.

Glazed: This is not a popular finish because permeability (airflow) is restricted. To achieve the glazed finish, plain finished felt is subjected to high temperature and pressure over calender rolls to smooth the surface by melting and pressing the surface fibers. This finish creates an excellent surface for cake release.

Calendered: Needled felt is compressed between two rollers increasing the felt's density.

Membrane: An expanded layer of PTFE is laminated to the fabric surface, which makes it easier to clean sticky or very fine dust from the fabric and reduces the required cleaning cycle frequency. In the process of manufacturing the PTFE membrane, microscopic holes are opened in the membrane that permit the passage of gasses but not particulate.

Form Coatings

Acrylic Foam: This is a coating of porous acrylic foam that is applied to the felt surface to simulate an instant dust cake. By effective control of the foam cell bubble structure, a very uniform pore structure is applied to the felt surface. The benefits of this type of coating include improved filtration on the felt surface as well as improved filtration efficiencies without incurring increased differential pressure.

Polyurethane Foam: This is a coating applied in the same way as the acrylic coating and features similar performance enhancements. However, the polyurethane coating also provides improved temperature resistance and coating toughness.

PTFE Foam: This is a micro-porous surface coating of a PTFE-based foamable resin. The PTFE coating imparts two distinct advantages. First, the coating improves the surface filtration efficiency, and second, the PTFE resin reduces cake build up of agglomerating, strongly adhesive tacky dusts.

Treatments

A variety of chemical treatments can be applied to felt media that can improve felt's performance, efficiency, and life expectancy. Treatments can be applied either by impregnating or by coating, or by a combination of both.

HCE: Immersing the fabric in a noncuring silicone bath that impregnates the fabric so that the media is tacky and easily forms a dust cake.

ARN-1: Created by adding an acid-resistant treatment to Nomex to protect it from sulfuric acid in flue gas.

Oleophobic/Hydrophobic: This treatment is applied to impart some oil or water repellence to the filter media. Every fiber is treated with a fluorocarbon-based resin that assists in releasing a wet, oily, or sticky dust cake during cleaning. This treatment also provides some chemical resistance in applications where there is a high risk of hydrolysis.

Silicone: Silicone impregnation considerably reduces any cake cleaning problems associated with sticky, agglomerating dusts. Silicone treatment is usually less expensive than fluorocarbon treatments.

Acid Resistance: This is an impregnation treatment that coats every fiber with a chemically inert fluoropolymer resin that retards destructive chemical attack.

Flame Retardant: This is an impregnation treatment to protect against hot particles.

Anti-Static: Anti-static is an impregnation treatment that covers the fibers with an anti-static resin system that neutralizes the charge on the felt and reduces the tendency of the charged particles to adhere to the felt. The anti-static treatment can significantly improve bag cleaning.

SPUN BOND POLYESTER MEDIA: FEATURES AND BENEFITS COMPARISON

	SPUN BOND POLYESTER	PAPER	FELT
PRICE	Moderate initial cost. Lowest overall cost. Nearly unlimited ability to be cleaned.	Lowest initial cost. Higher overall cost. Sometimes washable.	Higher in price. If vacuuming and reusing is achieved overall cost is less than paper.
ABILITY TO BE WASHED	Spun bond media are so easy to clean even powder coating cartridges work like new with simple soap and water cleaning.	Although paper claims to be washable, it will lose strength and should not be cleaned. Paper loses 25% of dirt-holding capacity after first cleaning and 10% more after each additional cleaning.	Very difficult to clean either by vacuuming or by washing. Though difficult, cleaning can be accomplished 1 or 2 times before replacing. Drying the felt can be difficult.
DUST HOLDING CAPACITY	Low dust-holding capacity. Spent cartridge weight is light. A paper filter in powder coating holds 25 pounds of expensive reclaimable powder when change-out occurs. Spun bond filters retain 2-3 pounds.	High dust holding capacity. Spent cartridge weight is heavy.	High dust holding capacity. Spent cartridge weight is heavy.
FILTER AREA	Only one-fourth the surface area needed compared to paper because the media is self-supporting. Wide spaced pleats promote easy pulse cleaning.	Paper requires 4 times the surface area of felt. Requires close spaced pleats making it difficult to pulse clean – the dust packs too tightly between pleats.	One-fourth the surface area needed to be the same as paper. 2 or 3 times the total weight of any cartridge because of construction needed to support the felt.
STRENGTH	3 to 5 times stronger than paper. Much stronger than felt. Will not distort like felt when cleaned. High abrasion resistance.	Paper will rip and tear when wet and usually pleats will split, opening a large area for bypassing. Low abrasion resistance.	Stronger than paper and will accept moisture. If bypassing occurs, it could be due to small holes that could eventually be covered by contaminant.
PULSE CLEANING	Face loads – wide spaced pleats easiest to pulse clean. Requires low pulse pressure, but more pulse frequency. Will function when wet.	Depth loads – packs between pleats. Difficult to pulse clean on many dusts. Requires high pulse pressure, but reduced pulse frequency.	Depth loads – difficult to pulse clean on most dusts. Requires high pulse pressure.
PRESSURE DROP	When used on friendly dusts, can match pressure drop of paper cartridge with more frequent pulsing. With difficult dusts, has best ability to be cleaned with the lowest pressure drop.	When used on friendly dusts, has lowest pressure drop because of high dust holding capacity. But difficult dusts may not clean – resulting in uncontrollably high-pressure loss.	Because of the surface fiber of the felt, particles do not release and are held by the fiber. Harder pulsing is required. Felt will have rapid pressure loss tendency.
EFFICIENCIES	When different sq. ft. of high-efficiency media is utilized, there can be nearly limitless applications. Only limited by 200°F (93°C) for normal construction and 275°F (135°C) for special construction.	A variety of efficiencies are available with paper, but with many limitations on their application.	Media efficiencies limit the number of applications where felt can be used.

Bags, Cages & Cartridges

Current Design: "60 Series" "RLP" and "MP" Filter Bags & Cages

For filters built after July 17, 1995 utilizing a 6.2" diameter tubesheet hole.

TOP UNLOADING POLYESTER SINGED 16 OZ.

DESCRIPTION	BAG PART #	CAGE PART #
6" X 6 FT.	10000735	10022582
6" X 8 FT.	10000736	10022583
6" X 10 FT.	10000737	10022584
6" X 12 FT.	10000738	10022586
RUBBER TUBESHEET PLUG		80305003

"60 Series" Top Removal Bags & Cages for AST, ATD, ATP, ART

6.2" diameter tubesheet hole dimensions are nominal.

TOP UNLOADING POLYESTER SINGED 16 OZ.

DESCRIPTION	BAG PART #	CAGE PART #
6" X 4 FT.	10000788	10022606
6" X 6 FT.	10000735	10022582
6" X 8 FT.	10000736	10022583
6" X 10 FT.	10000737	10022584
6" X 12 FT.	10000738	10022586

"60 Series" Bottom Removal Bags & Cages for AVS, ABR, AVR

6.2" diameter tubesheet hole dimensions are nominal.

BOTTOM UNLOADING POLYESTER SINGED 16 OZ.

DESCRIPTION	BAG PART #	CAGE PART #
6" X 4 FT.	10000786	10022600
6" X 6 FT.	10000709	10022578
6" X 8 FT.	10000710	10022579
6" X 10 FT.	10000789	10022604
6" X 12 FT.	10000790	10022605

Standard cages have 12 vertical 11 ga. wires. Horizontal wires are spaced 6" O.C.

Filter Media Options: Most replacement filters can be made with your choice of media – such as Polyester, Polypropylene, Acrylics, Nomex, P-84, Ryton, and Teflon®. See Filter Media Basics, pages 4-7 in this catalog, for information on media characteristics, finishes, and treatments or ask for recommendations when ordering by phone.

Current Design: "60 Series" "RLP" and "MP" Filter Bags & Cages

For filters built after July 17, 1995 utilizing a 6.2" diameter tubesheet hole.

TOP UNLOADING POLYESTER SINGED 16 OZ.

DESCRIPTION	BAG PART #	CAGE PART #
6" X 6 FT.	10000735	10022582
6" X 8 FT.	10000736	10022583
6" X 10 FT.	10000737	10022584
6" X 12 FT.	10000738	10022586
RUBBER TUBESHEET PLUG		80305003

"45 Series" Bottom Removal Bags & Cages for SBR, LBR, & PRB Filters

Bottom Unloading Polyester Singed 16 oz.

TOP UNLOADING POLYESTER SINGED 16 OZ.

DESCRIPTION	BAG PART #	CAGE PART #
4.5" X 34"	10000684	10022497
4.5" X 52"	10000657	10022498
4.5" X 76"	10000641	10022494
4.5" X 100"	10000644	10022495
4.5" X 124"	10000647	10022496
4.5" X 148"	10000458	10022481

"RA" and early "RLP" Filter Bags and Cages

Filters built before July 17, 1995 utilizing a 6.5" diameter tubesheet hole.

TOP UNLOADING POLYESTER SINGED 16 OZ.

DESCRIPTION	BAG PART #	CAGE PART #
6.25" X 6 FT.	10000636	10022511
6.25" X 8 FT.	10000635	10022515
6.25" X 10 FT.	10000645	10022517
6.25" X 12 FT.	10000650	10022518

“60 SERIES” TOP ACCESS CARTRIDGES

MODEL	O.A. LENGTH	45 PLEAT AREA SQ FT	45 PLEAT PART #	35 PLEAT AREA SQ FT	35 PLEAT PART #
60TA24	24"	14.1	10000997	11.0	10000998
60TA36	36"	22.1	10000999	17.2	10001000
60TA42	42"	26.1	10001001	20.3	10001002
60TA60	60"	38.0	10001003	29.6	10001004
60TA72	72"	46.0	10001005	35.8	10001023
60TA81	81"	52.0	10001024	40.4	10001025

Standard Media is Spun Bond Polyester

“60 SERIES” BOTTOM ACCESS CARTRIDGES

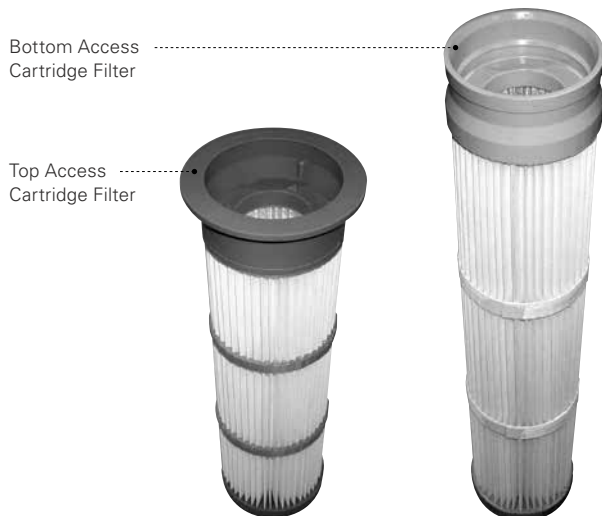
MODEL	O.A. LENGTH	45 PLEAT AREA SQ FT	45 PLEAT PART #	35 PLEAT AREA SQ FT	35 PLEAT PART #
60BA24	24"	14.9	10001026	11.6	10001027
60BA36	36"	23.4	10001028	18.2	10001029
60BA42	42"	27.6	10001030	21.5	10001031
60BA60	60"	40.3	10001032	31.3	10001033
60BA72	72"	48.7	10001034	37.9	10001035
60BA81	81"	55.0	10001036	42.8	10001037

Standard Media is Spun Bond Polyester

“45 SERIES” TOP ACCESS CARTRIDGES

MODEL	O.A. LENGTH	45 PLEAT AREA SQ FT	45 PLEAT PART #	35 PLEAT AREA SQ FT	35 PLEAT PART #
45TA24	24"	8.3	10001038	6.5	10001039
45TA36	36"	13.0	10001040	10.1	10001041
45TA42	42"	15.3	10001042	11.9	10001043
45TA60	60"	22.4	10001044	17.4	10001045
45TA72	72"	27.1	10001046	21.0	10001047
45TA81	81"	30.6	10001048	23.8	10001049

Standard Media is Spun Bond Polyester

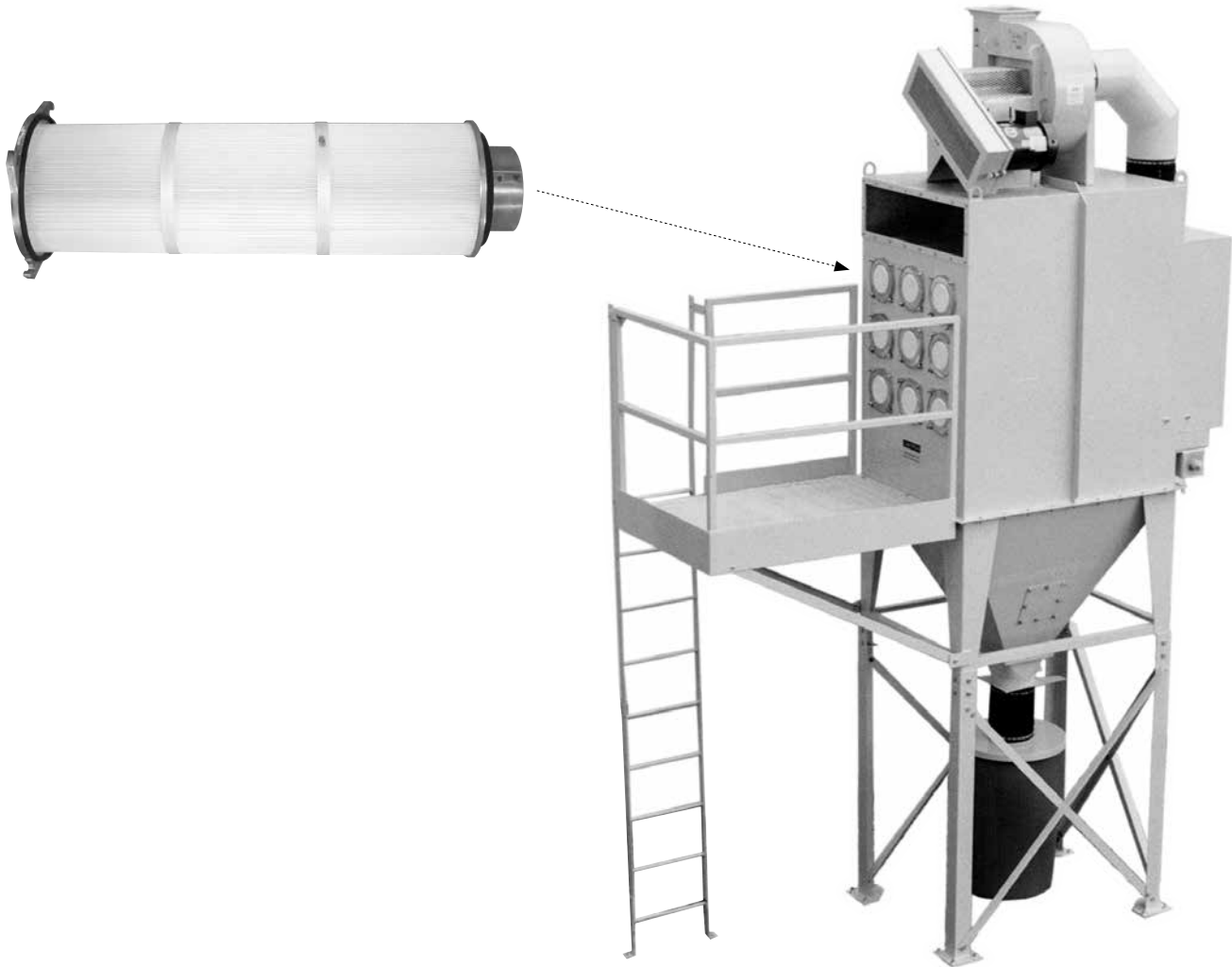


E-86

E-86 SERIES CARTRIDGES

MODEL	O.A. LENGTH	MEDIA	
10000860	E86 x 18"	Spun Bond PE = Polyester	CS cap
10000937	E86 x 18"	Spun Bond PE = Polyester	SS cap
10000996	E86 x 18"	HEPA Media	CS cap
10001052	E86 x 18"	Eco Spun HF = HIGH FLOW	CS cap
10000832	E86 x 28"	Spun Bond PE = Polyester	CS cap
10000799	E86 x 40"	Spun Bond PE = Polyester	CS cap
10000777	E86 x 55"	Spun Bond PE = Polyester	CS cap
10000805	E86 x 55"	Eco Spun HF = HIGH Flow	CS cap
10000831	E86 x 55"	Spun Bond PE = Polyester	Static Discharge
10000834	E86 x 55"	Spun Bond PE = Polyester	Water Repellent
10000931	E86 x 55"	Spun Bond PE = Polyester	PTFE Membrane
10000984	E86 x 55"	Spun Bond PE = Polyester	SS cap
10000991	E86 x 55"	Spun Bond PE = Polyester	PTFE Coating w/SS Ground

PE = Polyester
 HF = High Flow



**E-86 FILTERS HAZARDOUS
LOCATION CONTROLS**

ROW QTY	ENCLOSURE QTY	PART #
3	1	80001417
4	1	80001373
5	1	81100302
6	1	80001410
7	1	80000858
8	1	80000321
9	1	80001380
10	1	80001406
11	1	
12	1	80000516
13	2	81100299
14	2	
15	2	
16	2	
17	2	
18	2	
19	2	
20	2	

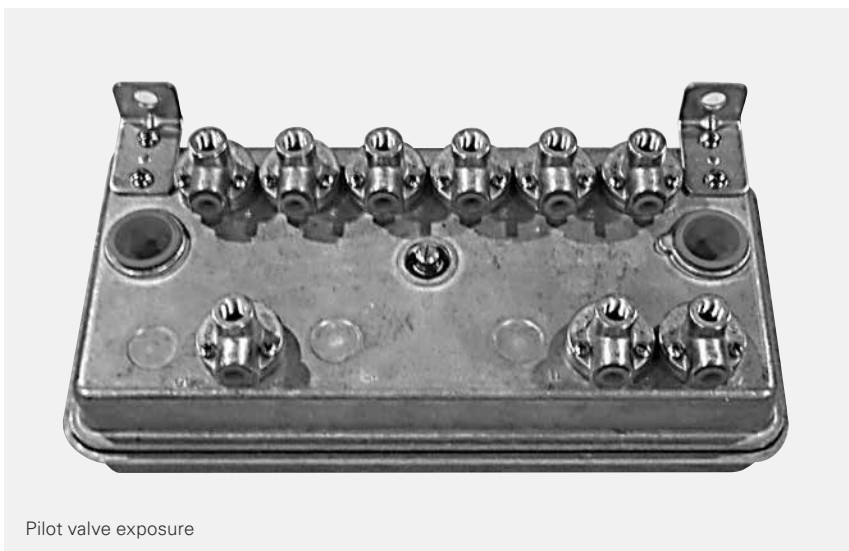
Meets: UL Listing – Standard 886
Class I, Group D
Class II, Groups E, F, & G
Class III
Includes Solid State Timer and Solenoid Valves

OTHER REPLACEMENT PARTS

DESCRIPTION	
10024373	Solenoid Valve for NEMA 4 Aluminum Enclosure
10012851	Repair Kit for Part #10024373 Solenoid Valve (Goyen)
10024371	Solenoid Valve NEMA 7 & 9 (ASCO)
10012846	Repair Kit for Part #10024371 Solenoid Valve (ASCO)
10024366	Diaphragm Valve 1 1/2" (Goyen)
10012844	Repair Kit for Part #10024366 Diaphragm Valve 1 1/2" (Goyen)
10023989	Tubing 1/4" O.D. for Diaphragm Valve and Differential Pressure Gauge
10007629	Connector 1/8" NPT x 1/4" O.D.
10009562	Elbow 1/8" NPT x 1/4" O.D.
10023718	Timer NCC Solid State 3 Pin
10023719	Timer NCC Solid State 6 Pin
10023710	Timer NCC Solid State 10 Pin
10023720	Timer NCC Solid State 20 Pin
10023711	Timer NCC Solid State 32 Pin
10024510	Valve Header Drain 1/4" NPT
10005818	Silicone Caulk, White FDA Approved 10.3 oz. Tube
10011370	Pressure Gauge 0-200 PSI
10002267	Explosion Vent Bolts PVC (Old Style pre 2008)
10015585	Whiz Lock Nuts PVC (Old Style Pre 2008)
10024900	Washers PVC (Old Style Pre 2008)
10002265	Bolt Whizlock (New)
10025341	Explosion Panel Kits Available- Consult Airlanco
10025342	Explosion Panel Kits Available- Consult Airlanco
10025375	Explosion Panel Kits Available- Consult Airlanco
10011861	Handle Single Wing

**PILOT VALVES IN A NEMA
4 ENCLOSURE**

ROW QTY	ENCLOSURE QTY
10010118	w/3 Pilot Valves
10010119	w/4 Pilot Valves
10010120	w/5 Pilot Valves
10010121	w/6 Pilot Valves
10010122	w/7 Pilot Valves
10010123	w/8 Pilot Valves
10010124	w/9 Pilot Valves
10010125	w/10 Pilot Valves
10010126	w/11 Pilot Valves
10010127	w/12 Pilot Valves



Pilot valve exposure

RLP REVERSE AIR FAN MOTORS

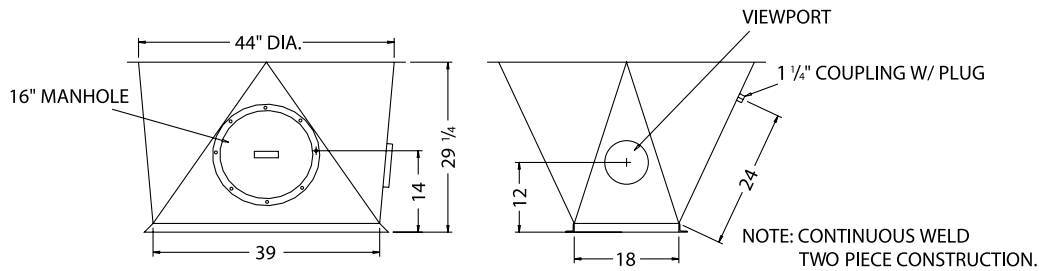
3600 RPM, Explosion Proof, Class1, Group D, Class 2, Group F & G, 3ø 60 Hz 230/460 Volt

PART #	HP	FRAME
10013919	5	184t
10014001	7.5	213t
10014031	10	215t
10014133	15	254t
10014199	20	256t
10014239	25	284ts
10014243	30	286t

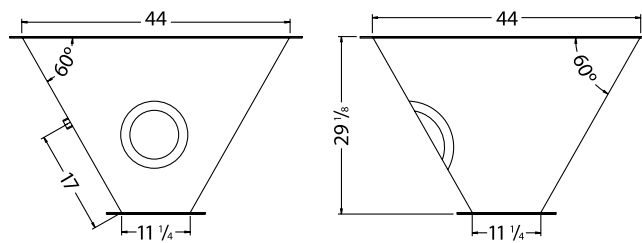


RLP DISCHARGE COMPONENTS

PART #	DESCRIPTION
83000669	44" Diameter Transition to 9" Flare Trough Less Auger, with 8" Hinged Quick Opening Aluminum Viewport



PART #	DESCRIPTION
83001335	44" Diameter Transition to 12" Diameter Discharge, with 8" Hinged Quick Opening Aluminum Viewport

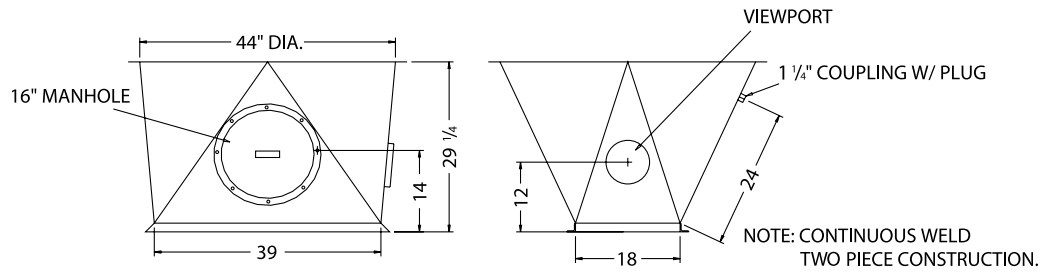


PART #	DESCRIPTION
20261950	Auger Drive with 1 hp TEFC Motor
20261923	Auger Assembly with 9" x 39" Flare Trough – Less Drive

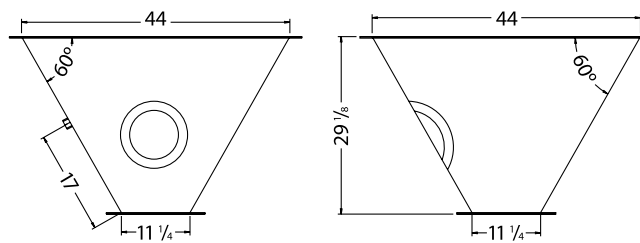
RLP OTHER REPLACEMENT PARTS

PART #	DESCRIPTION
10017812	Reducer 300:1 RLP Reverse Air Arm Drive
10011055	Gasket 7/16" x 1 1/2" White
10005818	Silicone Caulk, White FDA Approved 10.3 oz. Tube
10002267	Explosion Vent Bolts PVC (Old Style Pre 2008)
10013668	Arm Dive Motor 3/4hp 3ph, Explosion Proof, 230/460V, 60HZ
10025341	29x45 Explosion Panel

PART #	DESCRIPTION
83000669	44" Diameter Transition to 9" Flare Trough Less Auger, with 8" Hinged Quick Opening Aluminum Viewport



PART #	DESCRIPTION
83001335	44" Diameter Transition to 12" Diameter Discharge, with 8" Hinged Quick Opening Aluminum Viewport



PART #	DESCRIPTION
20261950	Auger Drive with 1 hp TEFC Motor
20261923	Auger Assembly with 9" x 39" Flare Trough – Less Drive

RLP OTHER REPLACEMENT PARTS

PART #	DESCRIPTION
10017812	Reducer 300:1 RLP Reverse Air Arm Drive
10011055	Gasket 7/16" x 1 1/2" White
10005818	Silicone Caulk, White FDA Approved 10.3 oz. Tube
10002267	Explosion Vent Bolts PVC (Old Style Pre 2008)
10013668	Arm Dive Motor 3/4hp 3ph, Explosion Proof, 230/460V, 60HZ
10025341	29x45 Explosion Panel

Pulse Jet Filters

Cleaning Mechanism Replacement Parts

DIAPHRAGM VALVES – GOYEN

PART #	DESCRIPTION
10024361	Diaphragm Valve 3/4"
10012857	Repair Kit for Part #10024361 Diaphragm Valve 3/4" Repair Kit Part #10012888 (Square)
10024389	Diaphragm Valve 1"
10012858	Repair Kit for Part #10024389 Diaphragm Valve 1" Repair kit Part #10012889 (Square)
10024366	Diaphragm Valve 1 1/2"
10012844	Repair Kit for Part #10024366 Diaphragm Valve 1 1/2"

DIAPHRAGM VALVES – ASCO

PART #	DESCRIPTION
10024374	Diaphragm Valve 3/4"
10012848	Repair Kit for Part #10024374 Diaphragm Valve 3/4"
10024376	Diaphragm Valve 1"
10012852	Repair Kit for Part #10024376 Diaphragm Valve 1"
10012853	Repair Kit for Diaphragm Valve 1 1/2"



SOLENOID VALVES – GOYEN

PART #	DESCRIPTION
10024373	Solenoid Valve for NEMA 4 Aluminum Enclosure
10012851	Repair Kit for Part #10024373 Solenoid Valve

SOLENOID VALVES – ASCO

PART #	DESCRIPTION
10024371	Solenoid Valve NEMA 7 & 9
10012846	Repair Kit for Part #10024371 Solenoid Valve



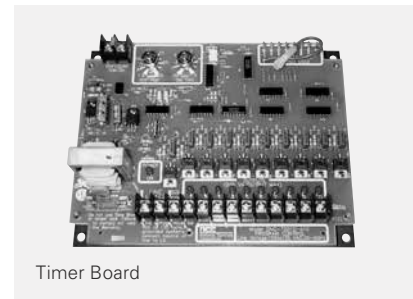
VENTURI, BAG CUPS, & CLAMPS

PART #	DESCRIPTION
10024756	Venturi/Bag Cup, "Series 45" Cast Aluminum Bottom Access
10024755	Venturi/Bag Cup, "Series 45" Stainless Steel Bottom Access
10006316	Bag Clamps – "Series 45" Bottom Access
10024807	Venturi "Series 60" Plated Steel Bottom Access
10024806	Bag Cup "Series 60" Plated Steel Bottom Access
10024802	Venturi "Series 60" Stainless Steel Bottom Access
10024803	Bag Cup "Series 60" Stainless Steel Bottom Access
10006325	Bag Clamps – "Series 60" Bottom Access



TIMERS

PART #	DESCRIPTION
10023718	Timer NCC Solid State 3 Pin
10023719	Timer NCC Solid State 6 Pin
10023710	Timer NCC Solid State 10 Pin
10023720	Timer NCC Solid State 20 Pin
10023711	Timer NCC Solid State 32 Pin
10023733	Smart Timer Assembly 10 POS w/NEMA 4" Box



Timer Board

PULSE JET CONNECTORS & OTHER REPLACEMENT PARTS

PART #	DESCRIPTION
10024510	Valve Header Drain 1/4" NPT
10011370	Pressure Gauge 0-200 PSI
10002267	Explosion Vent Bolts PVC (Old Style Pre 2008)
10012380	Header Connection Hose 3/4"
10012350	Header Connection Hose 1"
10006312	Clamp for 3/4" & 1"
10023989	Tubing 1/4" O.D. for Diaphragm Valve and Differential Pressure Gauge
10007629	Connector 1/8" NPT x 1/4" O.D.
10009562	Elbow 1/8" NPT x 1/4" O.D.
10011055	Gasket 7/16" x 1 1/2" White, for Side Access Filters
10023835	Door Gasket for Top Access Filters
10005818	Silicone Caulk, White FDA Approved 10.3 oz. Tube
10015585	Whiz Lock Nuts PVC (Old Style Pre 2008)
10024900	Washers PVC (Old Style Pre 2008)
10002265	Bolt Whizlock (New)
10011861	Handle, Single Wing

Explosion Panel Kits Available - Consult Airlanco

PILOT VALVES IN A NEMA 4 ENCLOSURE

PART #	DESCRIPTION
10010118	w/3 Pilot Valves
10010119	w/4 Pilot Valves
10010120	w/5 Pilot Valves
10010121	w/6 Pilot Valves
10010122	w/7 Pilot Valves
10010123	w/8 Pilot Valves
10010124	w/9 Pilot Valves
10010125	w/10 Pilot Valves
10010126	w/11 Pilot Valves
10010127	w/12 Pilot Valves

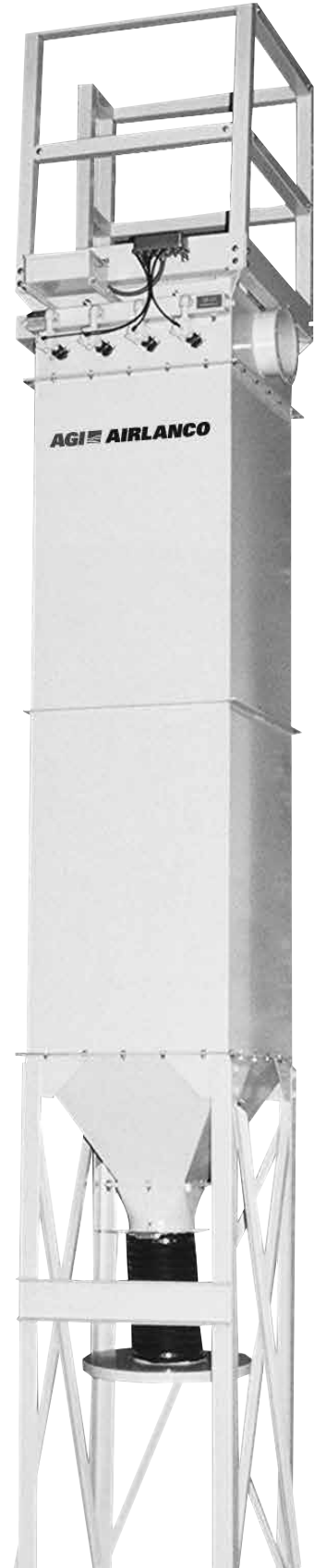


Pilot Valve Enclosure

PULSE JET FILTERS HAZARDOUS LOCATION CONTROLS

Meets: UL Listing – Standard 886, Class I, Group D, Class II, Groups E, F, & G, Class III, Includes Solid State Timer and Solenoid Valves

ROW	QTY	QTY	PART #
3		1	80001417
4		1	80001373
5		1	81100302
6		1	80001410
7		1	80000858
8		1	80000321
9		1	80001380
10		1	80001406
11		1	
12		1	80000516
13		2	81100299
14		2	
15		2	
16		2	
17		2	
18		2	
19		2	
20		2	



AST Pulse Jet



AVS Pulse Jet

REPLACEMENT PARTS FOR ROLFES PULSE JET FILTERS PRIOR TO 1993

MARK NUMBER	DESCRIPTION	PART #
1	Solid State Timer – 10 Lug	10023710
2	Solenoid Valve (ASCO)	10024372
2	Repair Kit for Part #10024372 Solenoid Valve (ASCO)	10012846
3	Diaphragm Valve 3/4" (ASCO)	10024374
3	Repair Kit for Part #10024374 Diaphragm Valve 3/4" (ASCO)	10012848
4	Adapter, Compression 3/4"	10000130
4	Seal 3/4"	10020367
4	Retainer Ring 3/4"	10018200
4	Seal 3/4" – Dresser #6 (Pre 1982 Equip.)	10020365
4	Retainer Cup – Dresser #2065-0102 (Pre 1982 Equip.)	10018198
5	Ring, Seal 3/4"	10015913
6	Union 3/4", 150 lb. Malleable Iron, Black	10024250
7	Tubing 1/4"	10023989
8	Elbow 1/4", PVC	10009562
	Pressure Gauge, 200 lb.	10011370
	Drain Valve 3/4" Gate	10024441
	Venturi, Cast Aluminum	10024756
	Bag Clamp, Stainless Steel	10006316

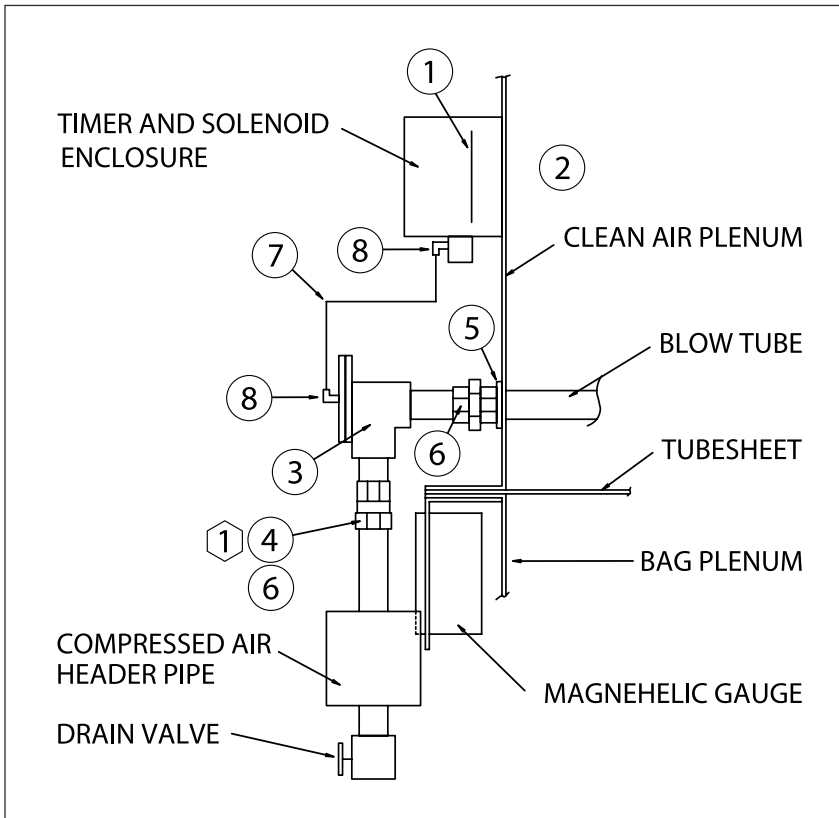


45 Series Cup/Venturi



Clamp

Notes: A) Part #10000130 includes parts #10020367 and #10018200. B) Parts #10020365 and #10018198 are for Dresser Adapters used prior to 1982.



Filter Accessories

GAUGES

PART #	DESCRIPTION
10010195	Magnehelic® Air Velocity Gauge 0-2 in. W.C., 1000-5600 fpm
10011275	Magnehelic® Gauge, 0-10 in. W.C.
40200890	Magnehelic® Gauge Kit with 35 ft. 1/4" O.D. Tubing
10010595	Poly Air Line Filter for Magnehelic® Gauge (Goes Inside Filter Housing)
20261166	Magnehelic® Gauge Mounting Bracket, Galvanized
80001297	Photohelic® Gauge Kit with NEMA 4 Box & 35 ft. 1/4" O.D. Tubing
	Compressed Air Regulator Kit 3/4" NPT Includes (Filter, Ball Valve, Pressure Gauge)
	Compressed Air Regulator Kit 1" NPT Includes (Filter, Ball Valve, Pressure Gauge)
	Compressed Air Regulator Kit 1 1/2" NPT includes (Filter, Ball Valve, Pressure Gauge)



Magnehelic® Gauge



Photohelic® Gauge

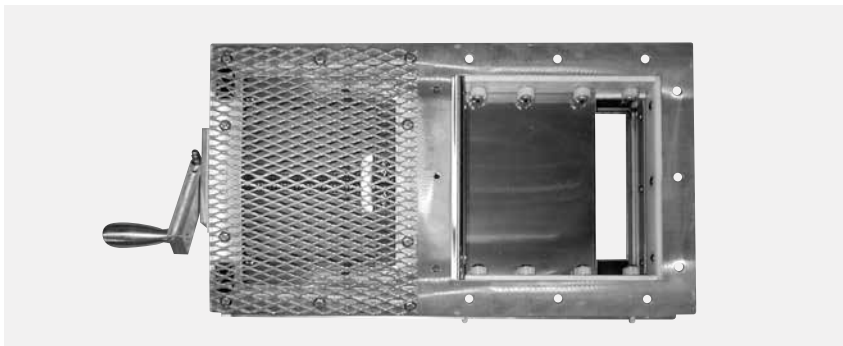


Drum Cover Kit

ROLLER GATES

PART #	DESCRIPTION
10011232	Rack and Pinion Roller Gate, 8" sq.
10011250	Rack and Pinion Roller Gate, 10" sq.
10011260	Rack and Pinion Roller Gate, 12" sq.

Manual Rack and Pinion Roller Gates are CS construction including precision machined rack and pinion gears, cold rolled steel shafting, and self-aligning sealed ball bearings. All gates include a manual hand wheel operator.



Roller Gate

DRUM COVER KITS

DESCRIPTION
Drum Cover Kit, CS
Drum Cover Kit, 304SS

Drum Cover Kits have manual hand-pull slide gate, flexible cloth sleeve, band clamps, and drum cover. Units have a 10" square inlet and are designed to mount to filter discharge.

LEVEL INDICATORS

PART #	DESCRIPTION
20244019	Level Indicator Kit 115 VAC, Explosion Proof Power Pac, Light and Medium Materials Paddle, Less Mounting Plate
20244022	Level Indicator Kit 230 VAC, Explosion Proof Power Pac, Light and Medium Materials Paddle, Less Mounting Plate
10012624	Paddle GRP-23 Insertable Single Bayonet, Stainless Steel for Light and Medium Materials



Level Indicator

MONITOR AIR PADS

PART #	DESCRIPTION
10024380	Model CS-1 Carbon Steel with Cotton Diffuser
10024381	Model SS-3 Stainless Steel with SS Diffuser

For aeration of dry bulk material. 6.5 SCFM of clean, dry air at 6 PSI is required per pad.

DISK FLUIDIZER

PART #	DESCRIPTION
80001294	Disk Fluidizer Kit with 4 Pads, Solenoid Valve and Pressure Regulator
80001421	Disk Fluidizer Kit with 3 Pads, Solenoid Valve and Pressure Regulator
10012595	Disk Fluidizer Blue Disk, Carbon Steel Stem, #4300
10012627	Disk Fluidizer White Disk, Stainless Steel Stem

FLANGES 150# ASA PATTERN

NOM DIA.	CS
2"	
2 1/2"	20270203
3"	20270204
3 1/2"	20270205
4"	20270206
5"	20270207
6"	20270208
8"	20270209
10"	20270210
12"	20270211
14"	20270212
16"	20270213
18"	20270214
20"	20270215
24"	20270216

ACCESS DOORS

ACCESS DOOR ASSEMBLIES	
18 X 30	Door Assy w/Frame CS
18 X 48	Door Assy w/Frame CS
18 X 60	Door Assy w/Frame CS
18 X 30	Door Assy w/Frame SS
18 X 48	Door Assy w/Frame SS
18 X 60	Door Assy w/Frame SS
10012029	8" Hinged Aluminum Access Solid Cover
10012031	8" Hinged Aluminum Access PLEX Viewport
10012032	20" Hinged Aluminum Access Door

Note: Door Assembly Includes door, frame, hinges, latches, gasket (specify: flat surface or curved surface diameter). Built to order.



Your Single Source for Replacement Parts and Accessories

Get all Your Parts From One Source

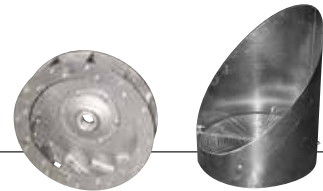
Our Service and Parts department stocks a full range of service items and replacement parts for aeration equipment, receivers, bag dumps, blower packages, airlocks, and bin vents. Our inventory includes commonly requested service parts for equipment made by other manufacturers as well as for our own products. So chances are you can get all the parts and maintenance items you need from one source. Fabric filters of many types and sizes, cages, cartridge filters, diaphragm valves, and other replacement parts are normally in stock and ready for immediate shipment.

- Centrifugal Fans
- Axial Fans
- Flush Floor Systems
- Roof Exhausters
- Corrugated Pipe
- Manifold Systems
- Manifold Fittings
- Butterfly Valves
- Barrel-Type Silencers
- Elbow Silencers
- Vibration
- Dampeners
- Gravity Vents
- Shutters
- Ducts & Accessories
- Spiral Seam Pipe
- Saddle Tees
- Three-Piece Wyes
- Filter Bag
- Cages
- Cartridge Filters
- Airlocks
- Pneumatic Tubing
- Diaphragm Valves
- Solenoid Valves
- Timer Boards

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We do whatever it takes to meet your equipment needs and your timetable – whether you're ordering filter bags or a major component. When you want quality parts and components combined with fast turnaround and consistently responsive service, count on AIRLANCO.

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AIRLANCO is the nation's leading designer and manufacturer of aeration and unloading components, equipment, and dust control systems. We have more than 30 years' experience in the industry. Our dependable centrifugal and axial fans, roof exhausters, ducting, transitions, dust control and other sheet metal and aeration products are in daily use at thousands of sites across North America – from farm storage to export terminals. AIRLANCO's standard components are made from heavy-gauge galvanized steel for extended service life and are customized for each installation.

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