Оборудование для очистки воздуха GDF, GDWS, GDX, Intelli-PAK, CTS, PAK, DS, NA, BMD-SMD-TMD, XGDR, AED, 7000

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
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Калуга (4842)92-23-67
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Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
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Москва (495)268-04-70
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Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Россия (495)268-04-70
Киргизия (996)312-96-26-47
Казахстан (7172)727-132

grw@nt-rt.ru || https://gardnerdenver.nt-rt.ru/

OIL-WATER SEPARATORS

Intelli-PAK Series

Why Do I Need an Oil-Water Separator?

The process of compressing air typically produces a substantial amount of condensate that contains air compressor lubricant carryover. Without an oil-water separator in your compressed air system, this condensate/lubricant mixture will go down the drain and quite possibly find its way into the surrounding groundwater. This improper disposal causes three huge issues:

Pollution

A single 100 HP air compressor can carryover 15 gallons of lubricant per year. Combine that with the fact that a single gallon of lubricant can contaminate 4 acres of groundwater and you start to see the importance of capturing the lubricant before it heads down the drain.

Financial Exposure

As you've probably already pieced together, the above issues can lead to a huge payout in fines, negative publicity and clean-up costs. A Intelli-Pak Oil-Water Separator is an investment—or an insurance policy—that will protect your operation from these issues.

Legal Liability

Improperly disposing of this condensate/lubricant mixture is illegal. Depending on your location, the allowable amount of lubricant contamination sent into the sewer can be as low as 10 ppm. The condensate produced by the typical air compressor has between 500 and 5000 ppm of contaminants.

Intelli-Pak Advantage

The Intelli-Pak System has been engineered to provide the most effective and user-friendly oil-water separator on the market. The proprietary encryption on the replacement cartridge offers aftermarket security unlike any products of its kind in the industry.

The Science Behind the Media

The alumina silicate substrate media included within the Intelli-Pak is formulated to attract the contaminants and repel water molecules. When the condensate/lubricant mixture passes through the media bed, the lubricants are actually bonded to the media. This bonding process virtually eliminates and possibility of the used media being able to contaminate ground water at any point in the future.

Maintenance & Clean-Up

The cabinet opens to a cartridge utilizing smart technology connections. Once disconnected the internal valves close allowing for a quick and mess free replacement. When the cartridge is full, simply dispose of the cartridge in accordance with local regulations. A recycling program is also available for spent units that are registered. A RMA request form is located at **www.recycleoilsep.com** registered units receive a free recycling process less the cost of shipping.

A Beautifully Simple Design

Unlike some of the alternative oil-water separators on the market, Intelli-Pak units have no need for expensive pumps, sensors or pre-separation filters. The media bed does an effective job eliminating the need for pre-filtration. In addition to the proprietary media, rugged internal piping assures proper operation over the life of the unit. Additionally the design of the Intelli-Pak cabinet offers a internal diffusing system allowing pressurized drain lines from the compressed air system to be plumbed directly into the unit eliminating the need for customized manifolds to be fabricated in the field.

Which Unit is Right for My Operation?

Lubricant Type

The Intelli-Pak Oil-Water Separator was designed to handle all of the below fluids in addition to silicone.

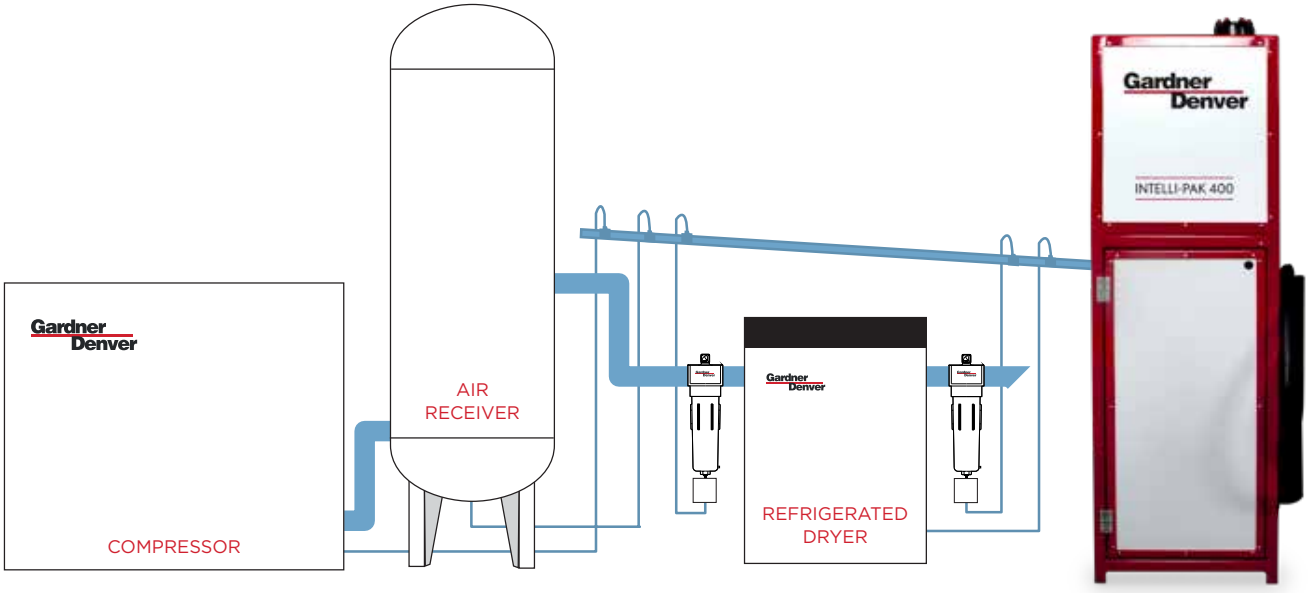
- Diester-based lubricants
- PAO-based lubricants
- Glycol-based lubricants
- Hydraulic lubricants
- Food grade lubricant
- Mineral-based lubricant

Sizing Information & Life Expectancy

Intelli-Pak Separators come in five different capacities: 250 cfm, 400 cfm, 750 cfm, 1000 cfm and 1500 cfm. Which unit is right for you is dependent on the amount of flow of your compressed air system. The sizing is based upon the cfm flow in your compressed air system.

Life expectancy of the Intelli-PAK has been designed to have a product life span of 6 months of continuous use.

Typical System Configuration



PRODUCT SPECIFICATIONS

CONFIGURATION	WALL	FLOOR	FLOOR	FLOOR	DOUBLE FLOOR
MODEL #	**INTELLI-PAK250-GD**	**INTELLI-PAK400-GD**	**INTELLI-PAK750-GD**	**INTELLI-PAK1000-GD**	**INTELLI-PAK1500-GD**
GD PART #	IP250-GD	IP400-GD	IP750-GD	IP1000-GD	IP1500-GD
CONDENSATE HANDLED	ALL				
TOTAL CAPACITY (GAL)	7	7	7	7	14
OIL HANDLING CAPACITY (6 MONTH)	1.25	2	3.75	5	7.5
CONDENSATE INLET	6 INLETS, 1/4" ea				
OUTLET NPT (IN)	3/4				
DIMENSIONS L × W × H (IN)	15 × 15 × 49				
SHIPPING WEIGHT (LBS)	70	100	110	120	160
SHIPS FROM	BATAVIA, IL				

Disposal

Once the Intelli-Pak cartridge is full, disposal couldn't be easier. You can dispose of it through your local waste management service or there is a recycling option for registered units. The RMA request form is located at **www.recycleoilsep.com** the recycle process fee is sponsored by the manufacturer for all registered units. The only end user cost requirement is for freight back to the recycle center. Plugs and caps ship with each unit allow for non-hazardous waste shipping.

Performance Guarantee

Intelli-Paks, when properly sized and installed, are guaranteed to reduce the contaminants in your compressor condensate to less than 10 ppm for the life of the unit. In the event a unit fails while operating in approved conditions and having been properly sized and installed, Gardner Denver will replace the failed Intelli-Pak cartridge or provide a refund through your authorized Gardner Denver distributor.

Replacement Parts & Accessories

POSITION	ITEM	DESCRIPTION	PART #
A	OUTLET	OUTLET HOSE ASSEMBLY	B20041
B	INLET	INLET HUB FOR CABINET SYSTEM	B21000
C	CABINET	DOOR REPLACEMENT ASSEMBLY	B21006
NOT PICTURED	FILL KIT	FILL KIT FOR CARTRIDGES	B21005

Condensate Treatment Solutions

CTS Series Eliminator II™ Oil-Water Separators

Condensate Treatment Solutions

A Cleaner Environment & Reduced Disposal Costs

Compressed air is compressed and discharged at elevated temperatures in a saturated state. As the air cools through aftercoolers, dryers, or pipelines, the water vapor condenses into a liquid form which then mixes with the normal oil carryover from the compressor. The condensate becomes contaminated by the oil and must be treated before expelling it into a sewer system or onto the ground. The oil must be separated from the condensate and only the condensate can be expelled. The oil must be reclaimed and disposed of in an environmentally safe manner.

The CTS Eliminator II

Designed as an effective and reliable means of treating lubricant-contaminated compressor condensate, the CTS Eliminator II separates oil for easy disposal.

Untreated condensate can have detrimental effects on the environment and is illegal to dump into sewer systems or onto the ground.

Did you know not all lubricants are created equal?

Even lubricants of the same base stock perform differently, depending upon the additives used. This becomes especially important when trying to separate lubricant from condensed water in a compressed air system.

That is why Gardner Denver has custom engineered our lubricants to give you maximum performance. AEON® lubricants provide extra value in dollars you can see.

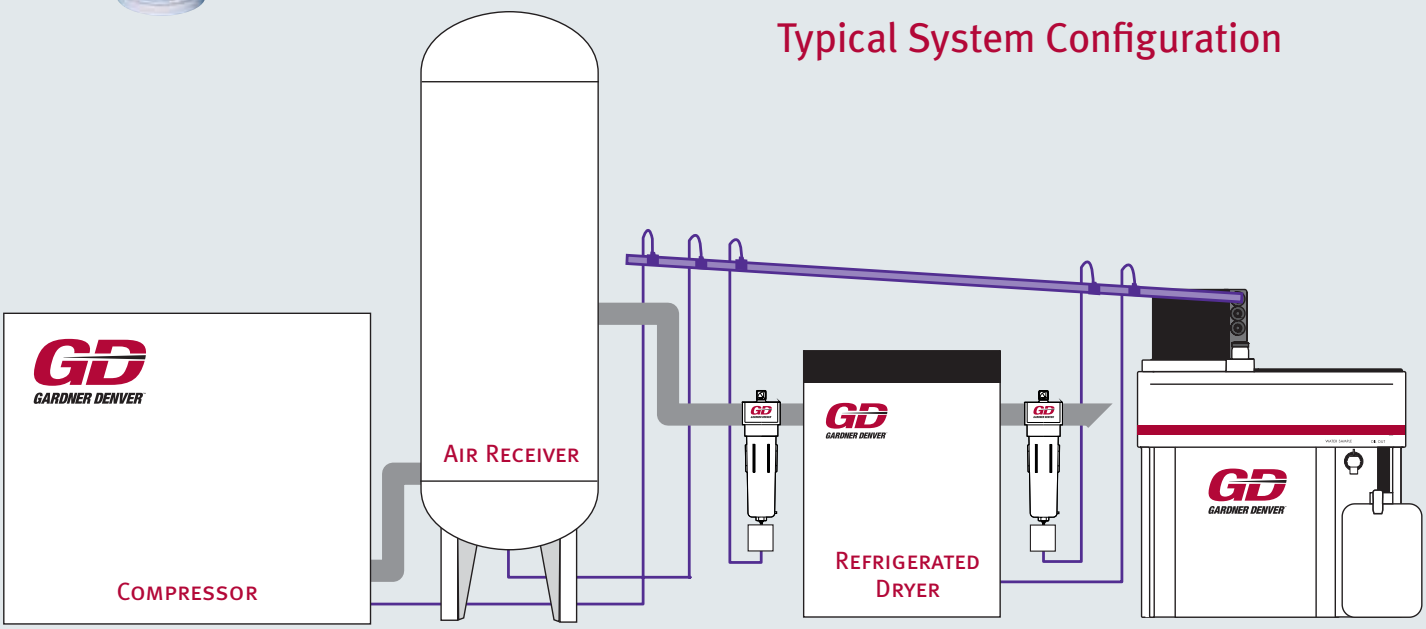
Our AEON lubricants have superior demulsibility which enhances the overall system performance from the compressor's operation to the condensate disposal. Many competitive lubricants take longer to separate, thus requiring larger oil/water separators at higher costs. Using the Eliminator II with AEON lubricants saves you big money up front and over the life of the system.

Let us show you how we can provide more value for less!

MODEL	Max CFM Capacity	
	90° F & 90% RH	70° F & 70% RH
CTS15	150	357
CTS30	300	714
CTS60	600	1428
CTS120	1200	2856
CTS180	1800	4284
CTS240	2400	5712

Ratings based on rotary screw air compressor operating on AEON 9000SP. Ratings may be increased by 25% if a refrigerated air dryer is not used. Please consult your Gardner Denver distributor for proper sizing when using other types of lubricants or compressors. Eliminator II is not recommended for use with emulsifying lubricant such as Polyglycol, ATF, or Motor Oil lubricants with heavy additive packages.

Typical System Configuration



Leading Innovation in Compressed Air Treatment

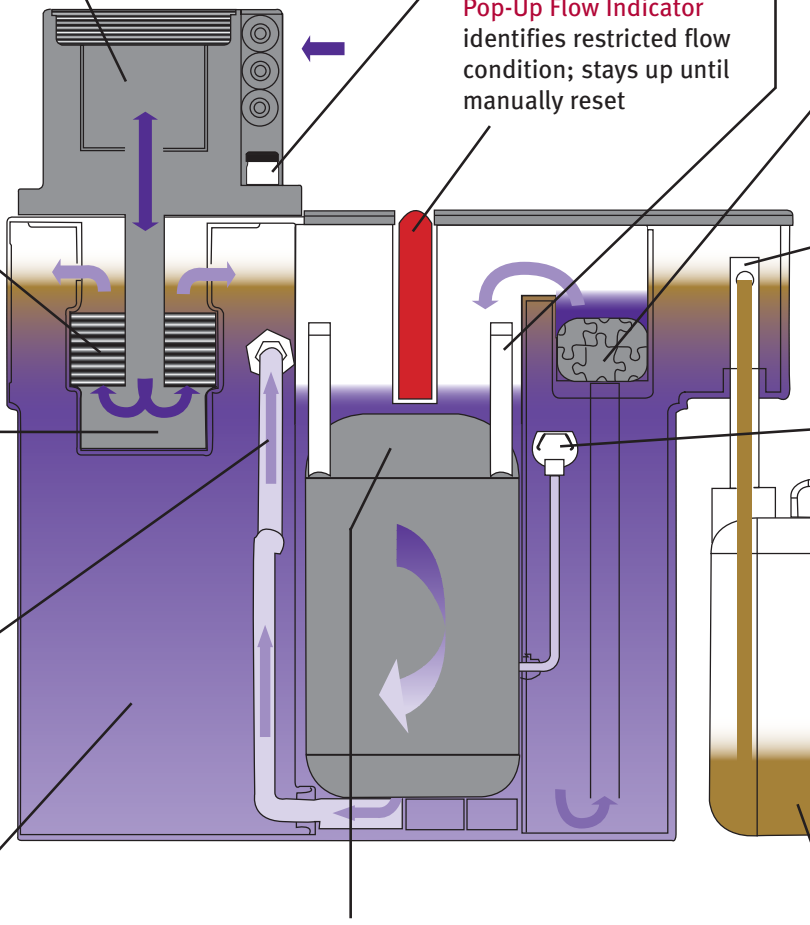
Features/Benefits

- Designed & Rated for Real Life Summertime Conditions: 90° F and 90% RH
- Reduced Maintenance: 40% longer service life than most competitive units
- Vaccu-Break Conduit: (CTS60 & above) and carbon bed handles (CTS30 & above) for easy carbon change out
- Pop Up Indicator: Stores evidence of restricted flow conditions until manually reset
- Unique Pre-Absorption Filter: Breaks contaminate formed emulsions

Accessories

- **Distributor:** Used to collect and evenly distribute flow into multiple units; also recommended for use with high capacity demand drains to protect Eliminator II from large condensate surges
- **Remote Flow Indicator:** For remote alarming of a reduced flow condition
- **Level Minder:** Remote indication of when oil container needs replacement
- **Heater:** For use when ambient temperatures are subject to freezing

Eliminator II



Inlet Diffuser rotates at 90° intervals & has 3 condensate inlets for maximum installation flexibility

Sample Test Jars (2) for a quick visual check of water-out vs. standard tap water; if the water out is cloudy, carbon needs replacement

Suspended Carbon Bed handles (CTS30 and larger) assist in carbon replacement

Pre-Absorption Chamber unique material breaks contaminate formed emulsions, allowing for more efficient separation

Separation Filter coalesces small oil droplets into larger ones allowing them to float freely on the surface

Pop-Up Flow Indicator identifies restricted flow condition; stays up until manually reset

Oil Outlet Tube is fully adjustable to precisely set the depth of the lubricant level for optimum performance

Sediment Chamber collects rust & scale, avoiding carbon fouling; removable chamber for easy cleaning

Sample Valve is conveniently located and samples condensate from 2/3 into the carbon depth - allows time to re-order carbon replacement, while remaining within the legal limit

Water Outlet Port located in back of unit to easily pipe into drain

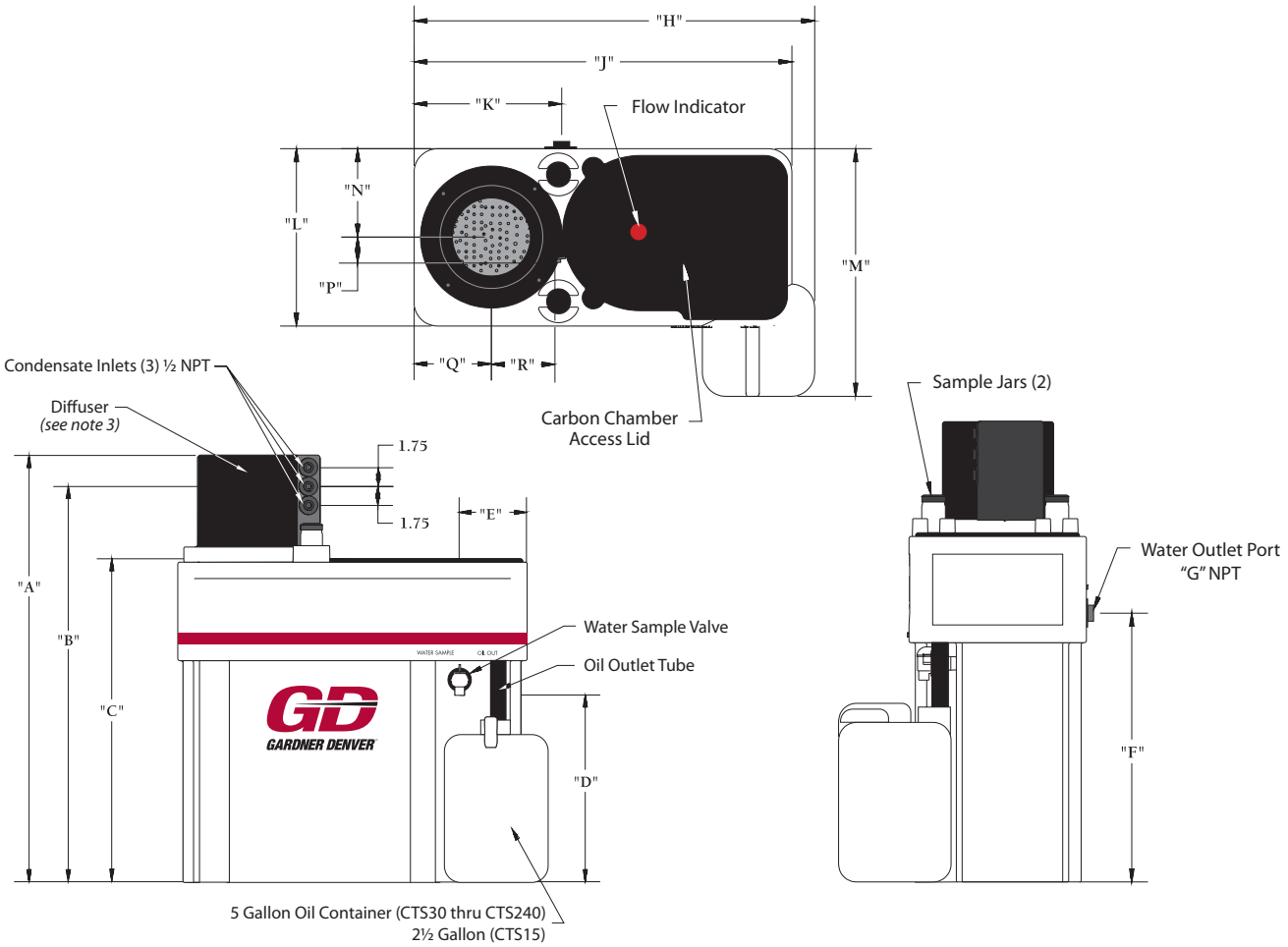
Large Vessel for maximum residence time

Wider Carbon Bed with up to 40% more carbon provides extended service intervals and improved performance in hot, humid summertime conditions

Translucent Oil Container comes standard and allows for easy oil disposal

OIL | CONTAMINATED WATER | CLEAN WATER

Dimensional Data



SIZE	DIMENSIONAL SYMBOL															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
CTS15	29.75	27.00	20.75	11.25	5.25	16.00	.75	26.50	26.00	9.00	14.00	19.50	4.50	2.75	4.50	4.00
CTS30	39.00	36.25	29.75	17.00	6.25	22.75	.75	34.00	32.00	12.50	15.00	21.00	7.50	3.50	6.50	5.25
CTS60	39.00	36.25	29.75	17.00	5.25	23.00	1.00	35.00	32.00	22.00	26.50	30.75	6.00	3.50	13.50	5.25
CTS120	39.00	36.25	9.75	17.00	5.25	23.00	1.00	72.00	32.00	22.00	26.50	30.75	6.00	3.50	13.50	5.25
CTS180	39.00	36.25	29.75	17.00	5.25	23.00	1.00	109.0	32.00	22.00	26.50	30.75	6.00	3.50	13.50	5.25
CTS240	39.00	36.25	29.75	17.00	5.25	23.00	1.00	146.0	32.00	22.00	26.50	30.75	6.00	3.50	13.50	5.25

Note 1: All dimensions are in inches
Note 2: Tolerances - all dimensions are +/- .50 unless otherwise shown
Note 3: Diffuser is rotatable in 90 degree increments
Note 4: When properly maintained, the Eliminator II will have discharge water containing less than 15 ppm of oil remaining

Model	CTS15	CTS30	CTS60	CTS120	CTS180	CTS240
Weight in pounds	53	77	120	240	360	480

Eliminator II Support

Ordering Information

CTS ■

- 15
- 30
- 60
- 120
- 180
- 240

Ambient temperature: +32–120° F
Inlet temperature: 120° F

Maintenance Kits

Convenient Pre-Packaged Filter Kits include Expansion Chamber Elements, Separation Filters, Pre-Absorption Filters, and Carbon Beds

Model #	Maintenance Kit P/N
CTS15	7024364
CTS30	7024365
CTS60	7024366
CTS120	7024367
CTS180	7024368
CTS240	7024369

Recommended Accessories

Description	Part #
Distributor - Condensate Management System	7003107
.5 kW Heater for CTS15	7024381
1 kW Heater for CTS30/60 (2 each required for CTS60)	7024382

OIL-WATER SEPARATORS

Eliminator Troubleshooter

Practice Safe Condensate Disposal with the Gardner Denver Eliminator Troubleshooter

Traditional gravity type separators do very well in separating oils that have good separation characteristics. However, many compressor oils do not fully separate. These types of oils, known as emulsions, tend to foul-up the carbon filters as well as the pre-absorption and coalescing medias that are commonly installed in front of the carbon filters. Those filters have to be replaced before their capacity is fully used. This is a result of oil binding off the pore area of the carbon where the condensate first comes in contact with the filter. The jelled oil clogs the filter, which then prevents the volume of condensate from properly flowing through the filter. This premature failure of the carbon filters most often results in the system backing up on the floor.

Key Benefits & Savings

- The troubleshooter is designed to effectively separate emulsified compressor condensate to levels of 15 PPM or less without premature element failure and backup spillages.
- Each troubleshooter has a delivery system, (patent pending) with a pneumatically operated pump that is used to feed the filter module. The use of the pressure assures the filter will not clog.
- Increased media's ability up to four times the amount of oil that standard activated carbon can hold. This is due to the alumino silicate being coated with hydrophobic compound (patent pending).
- An improved efficiency system only requires compressed air to operate the diaphram pump.
- Same delivery system is used for each filter module. Expanding air system may only require a larger filter module. The troubleshooter from Gardner Denver is the perfect fit for safe removal of air compressor condensate.

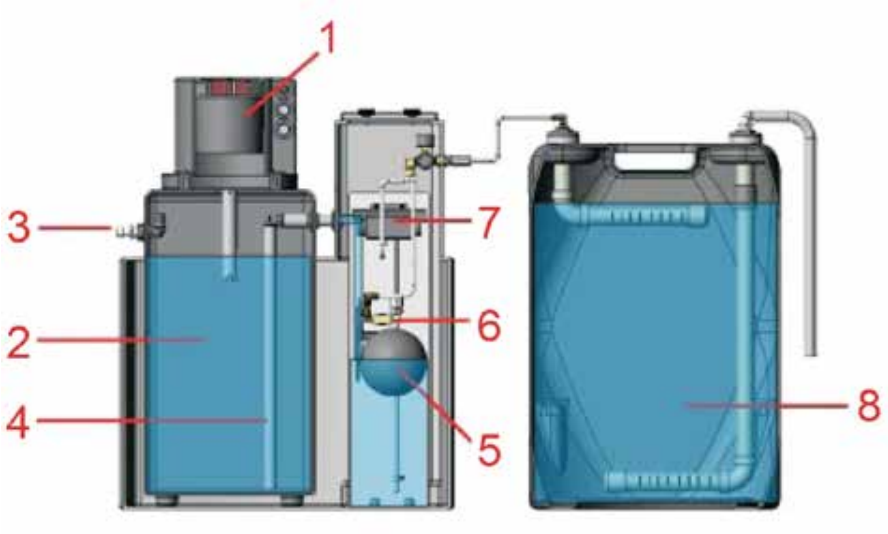
Key Features

- Separates Emulsified Oils
- Low Maintenance Costs
- Only Two Moving Parts
- Fully Automatic
- Non-Corrosive Materials
- Extended Filter Life
- Non-Clogging Filter Design
- Effortless Maintenance Procedures

Operation

The condensate enters the diffuser chamber (1) where it is depressurized. The oily condensate then enters a main reservoir (2) where gravity separation occurs. Any oil that floats to the surface is skimmed off through an adjustable oil weir (3). The condensate then moves to a separate chamber through a pick-up tube (4). As the condensate accumulates in the next chamber, a float (5) rises with the level of condensate. The float is connected to a ball valve (6) by a lever arm. The increased level of condensate causes the float to rise and open the ball valve. As the valve opens, the air-operated pump (7) is allowed to push the condensate out to the filter module (8). If the level of condensate continues to rise, the float also rises and further opens the ball valve. This results in additional condensate being pushed to the filter module. Thus, the system will self adjust to the quantity of condensate entering the system. This system assures maximum contact time for the filter module.

The troubleshooter is the most economical and efficient way to separate emulsified, slowly demulsible, or high volume condensate loads. Determine the highest cfm flow possible with the application, then make your selection of the appropriate unit size.



ORDERING INFORMATION

MODEL	DESCRIPTION	
	DELIVERY SYSTEM CFM	FILTER GALLONS
CTS-T15	125–250	15
CTS-T30	250–560	30
CTS-T55	560–1125	55

FILTER REPLACEMENTS

PART #	DESCRIPTION
7037093	Troubleshooter 15 gal. filter
7037094	Troubleshooter 30 gal. filter
7037095	Troubleshooter 55 gal. filter

SPECIFICATIONS

Inter-connecting fittings and hoses are supplied for connecting the delivery system to the filter modules.

MAX GPM	CFM@ 20 PSI	DIMENSIONS (IN)			INLET NPT	OIL OUT	CONTAINER MATERIAL	PUMP MATERIAL
		H	D	W				
0.9	0.35	38	16	24	½" (3)	¾"	Polypro.	Acetal/ Viton

FILTER MODULE GALLONS	MAX HP	MAX OIL CAPACITY GALLONS	DIMENSIONS (IN)			INLET (IN)	WATER OUT (IN)	CONTAINER MATERIAL	WEIGHT LBS
			H	D	W				
15	50	5	20	15	15	38	¾	Polyethyl.	90
30	100	12	29	19	19	38	2	Polyethyl.	200
55	200	24	33	23	23	38	2	Polyethyl.	400

*Note: when properly maintained, the troubleshooter will have discharge water containing less than 15 ppm of oil remaining.

A Troubleshooter filter module could last 12 months in a Rotary Screw application. However, filter life may be less due to lubricant, compressor type, and maintenance. Reduce cfm ratings by 50% for reciprocating compressors with lubricators.

Not recommended for Food Grade or Silicone based lubricants. All design specifications are subject to change without notice.

OIL-WATER SEPARATORS

GD PAK Series

Why Do I Need an Oil-Water Separator?

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Pollution

A single 100 HP air compressor can carryover 15 gallons of lubricant per year. Combine that with the fact that a single gallon of lubricant can contaminate 4 acres of groundwater and you start to see the importance of capturing the lubricant before it heads down the drain.

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As you've probably already pieced together, the above issues can lead to a huge payout in fines, negative publicity and clean-up costs. A GD PAK Oil-Water Separator is an investment – or an insurance policy – that will protect your operation from these issues.

Legal Liability

Improperly disposing of this condensate/lubricant mixture is illegal. Depending on your location, the allowable amount of lubricant contamination sent into the sewer can be as low as 10 ppm. The condensate produced by the typical air compressor has between 500 and 5000 ppm of contaminants.

GD PAK Advantage

The GD PAK System has been engineered to provide the most effective and user-friendly oil-water separator on the market.

The Science Behind the Media

The alumino silicate substrate media included within the GD PAK is formulated to attract the contaminants and repel water molecules. When the condensate/ lubricant mixture passes through the media bed, the lubricants are actually bonded to the media. This bonding process virtually eliminates any possibility of the used media being able to contaminate ground water at any point in the future.

A Beautifully Simple Design

Unlike some of the alternative oil-water separators on the market, GD PAK units have no need for expensive pumps, sensors or pre-separation filters. The media bed does such an effective job that no prefiltration is needed. In addition to the proprietary media, rugged internal piping assures proper operation over the life of the unit.

Maintenance and Clean-Up

Instead of opening the unit to replace spent media (a very messy process), when the unit is full, simply dispose of it as non-hazardous waste in accordance with local regulations. If no local disposal is available, ship it back to us and replace it with a new unit. This “fill and replace” method will ensure that both you and your compressor room do not end up covered in air compressor lubricant.

40 Gallon &
60 Gallon Units

25 Gallon Unit

7 Gallon Unit

Which Unit is Right for My Operation?

Lubricant Type

There are two different lines of GD PAK Oil-Water Separators – standard units and silicone units. The standard units handle all of the below fluids. A silicone unit is needed if you are utilizing a silicone-based lubricant in your air compressor. Please contact Gardner Denver for information on the silicone units. All part numbers, specifications, etc in this brochure pertain to the standard units.

- Diester-based lubricants
- PAO-based lubricants
- Glycol-based lubricants
- Hydraulic lubricants
- Food grade lubricant
- Mineral-based lubricant

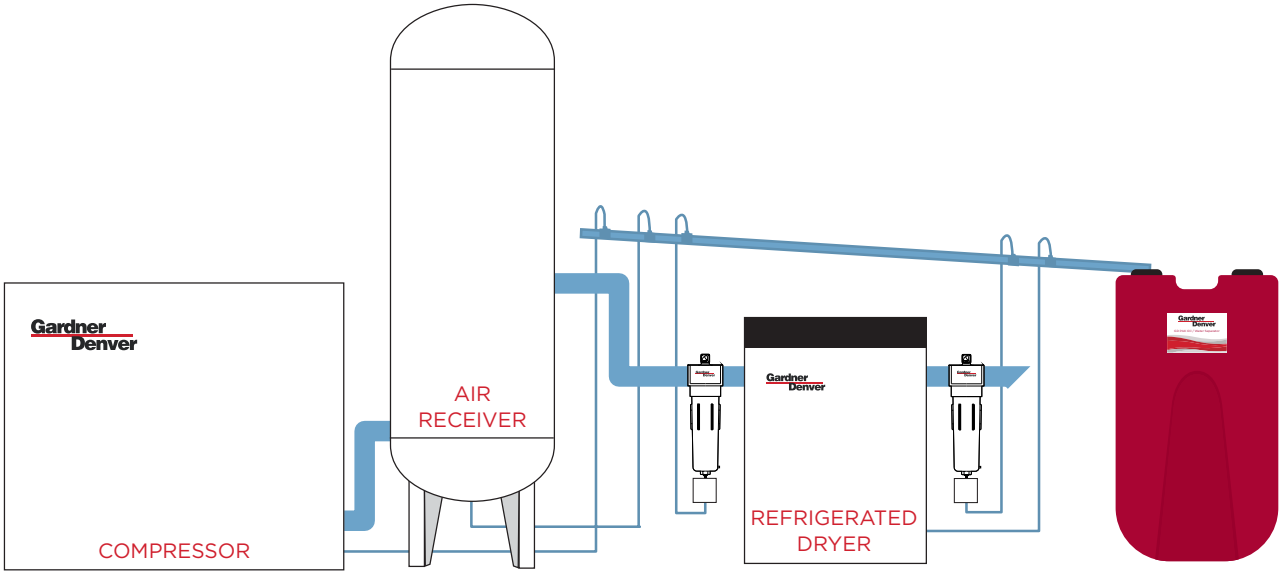
Sizing Information and Life Expectancy

GD PAK Separators come in four different capacities: 7, 25, 40 and 60 gallon. Which unit is right for you is dependent on the size of your operation and the amount of carryover that makes its way into the condensate of your compressed air system. The sizing and life expectancy chart below assumes typical air compressor conditions, but can vary depending on the age and maintenance of your compressor(s).

Life expectancy of a GD PAK unit depends on the amount of lubricant carryover produced by your air compressor(s). Contaminant absorption capacity is approximately half of the media bed volume. Therefore, the 7, 25, 40 and 60 gallon GD PAK units have capacities of about 3, 12.5, 20 and 30 gallons of contaminant respectively.

HORSE POWER	SCFM	GDP-07 HOURS	GDP-25 HOURS	GDP-40 HOURS	GDP-60 HOURS
5	20	50,000	200,000		
10	40	25,000	100,000		
15	75	17,000	75,000		
20	100	12,000	50,000		
25	125	10,000	40,000		
30	150	8,000	30,000		
40	200		24,000		
50	250		20,000	30,000	
60	300		15,000	24,000	
75	375		12,000	20,000	30,000
100	500		10,000	16,000	24,000
125	600		8,000	13,000	20,000
150	750			11,000	17,000
200	1000			8,000	13,000
300	1600				8,000
350	1900				7,000
400	2200				6,000
450	2350				5,600
500	2500				4,800
600	3000				4,000

Typical System Configuration



PRODUCT SPECIFICATIONS

MODEL #	CONDENSATE HANDLED	TOTAL CAPACITY (GALLON)	OIL HANDLING CAPACITY (GAL)	CONDENSATE INLET	OUTLET NPT (IN)	L	W	H	SHIPPING WEIGHT (LBS)	SHIPS FROM
GDP-07	All except silicone*	7	3	4 inlets, ¼" ea	¾"	11"	11"	22"	41	Batavia, IL
GDP-25	All except silicone*	25	12.5	6 inlets, ¼" ea	¾"	20"	20"	21.75"	200	Batavia, IL
GDP-40	All except silicone*	40	20	6 inlets, ¼" ea	¾"	20"	20"	41.75"	330	Batavia, IL
GDP-60	All except silicone*	60	30	6 inlets, ¼" ea	¾"	20"	20"	41.75"	470	Batavia, IL

*Consult Gardner Denver for silicone-based lubricants.

Disposal

Once the PAK system is full, disposal couldn't be easier. You can most likely dispose of it through your local waste management service. In the event your local service will not accept the unit, simply call the phone number on your unit to begin the disposal process.

Performance Guarantee

GD PAKs, when properly sized and installed, are guaranteed to reduce the contaminants in your compressor condensate to less than 10 ppm for the life of the unit. In the event a unit fails while operating in approved conditions and having been properly sized and installed, Gardner Denver will replace the failed GD PAK or provide a refund through your authorized Gardner Denver distributor.

Replacement Parts & Accessories

Position	Item	Description	Part #
A	Inlet	HUB, Inlet W Six ¼" Barbs	B10080
B	Outlet	HUB, Outlet W one ¾" Barb	B10083
C	Barbs	FTG, ¼" Brass Hose Barb	A10072
D	Vent foam	Plug, 4" Vent W Foam Insert	B10082
E	Vent Cap	CVR, Vent (Black)	A10232
F	Outlet Hose	Hose, ¾" x 10' CLR Outlet PVC	B20007
NOT SHOWN	25' Inlet Hose	Hose ¼" x 25' Inlet CLR PVC	A10071

Mechanical Drains

DS1 Series

The DS1 Mechanical Drain is a pnuematically designed drain that automatically removes liquid, oil, and water contaminates from compressed air system components. The design, which includes an efficient bowl size with a large quiet zone allows for no re-entrainment of liquid back into the air system. The metal bowl is also compatible with all compressor lubricants.

DS1 Series

Condensate Drain

The DS1 Mechanical Drain is a pnuematic drain which automatically removes liquid, oil, and water contaminates from compressed air system components. The design includes an efficient bowl size with a large quiet zone allows for no re-entrainment of liquid back into the air system. The metal bowl is also compatible with all compressor lubricants.

Features

- High pressure 200 psig
- Maximum Fluid Temperature: 75°F

- No air loss level acutated design — operates on demand
- Float-type operation — no electricity needed
- Manual override option allows for draining on demand
- 5 ounce or 32 ounce bowl capacity available

Benefits

- Energy efficient
- No re-entrainment of liquid back into the air system
- Drain on demand
- Compatible with all compressor lubricants and high pressure 200 psig
- No electricity needed

PNEUMATIC CONDENSATE DRAIN

Evacuator™

The "Automatic Solution" for Compressed Air Condensate Removal

Air compressors regularly produce water due to the compression process. Proper removal of this moisture, prior to entering the plant air system, is essential in preventing costly damage to dryers, air tools, gauges and other critical components. If you are experiencing any of the problems below with your current drains, the Evacuator™ is the solution for you!

Does Your Current Drain...

- Require frequent adjustments to accommodate changing conditions?
- Waste expensive compressed air and is it too noisy?
- Fail due to fouled electrical or magnetic components?
- Require regular cleaning of clogged entry and exit ports?
- Regularly break down or require maintenance?

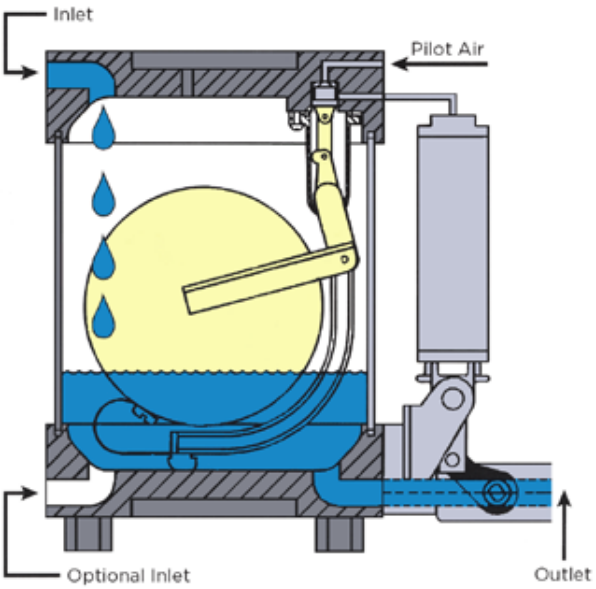
Check Them Off!

Reduce Your Frustration!

Let The Evacuator™ Solution Work For You.

Discover how the automatic pneumatic activation, 52 oz. capacity, ⅝" ports, trunion-mounted actuator, shear-action ball valve, corrosion resistant material construction and self-cleaning design of the Evacuator™ all work together to eliminate your drain problems.

Evacuator™ Operating Diagram



Specifications

150 psi Evacuator Unit: Part Number 7003108

450 psi Evacuator Unit: Part Number 7003110

Weight: 13 lbs. Height: 10¼″

Width: 9⅝″ Depth: 7½″

Voltage: Not required

Operating Pressure: 150 psi maximum/450 psi maximum

Operating Temperature: 34° F to 150° F

Capacity: 52 oz. static, 42 oz. discharge

Reservoir Material: Aluminum and composite

Ball Valve Port: ½″ Stainless Steel ball stem, double viton "O" rings, nickel-plated brass body

Installation kit = ¼″ nylon tubing (10′) threaded fittings (2)

Optional Equipment

Manual By-Pass Button Kit: Part Number 7001772

Float Alarm Kit: Part Number 7001770

Cycle Counter Kit: Part Number 7001771

- **Full 3-Year Warranty –** Greatly exceeds standard one-year promises
- **Pneumatic Actuation –** Permits installation anywhere without concerns for electrical safety issues
- **Non-Magnetic –** Means no magnets to attract metallic trash and cause fouling
- **Energy Efficient –** no wasted air to increase operating costs
- **Automatic –** Operates on demand and does not require constant monitoring or adjustments
- **52 oz. Static Capacity –** Meets the demands of almost any application and its capacity is 40% more than other models
- **⅝″ Ports –** Substantially minimizes clogging problems
- **Self-Purging –** Gives trouble-free, maintenance-free performance
- **Corrosion Resistant Construction –** Permits installation in most hostile environments
- **Trunion-Mounted Actuator –** Reduces side pressure and wear, while increasing ball valve life
- **Shear-Action Ball Valve –** Ensures durable performance

NO AIR LOSS CONDENSATE DRAIN

NA750

The NA750 Condensate Drain from Gardner Denver

Where Are Automatic Drains Used?

Gardner Denver drains are designed to ensure that manufacturing processes and products do not become contaminated by ensuring that liquid, oil and water condensates are discharged from the compressed air stream. Drain installation is typically a part of a complete Gardner Denver air treatment system:

1. Separators used on aftercoolers separate a great amount of condensate from the compressed air system. They are normally integrated into a compressor package or are placed at the compressor outlet. These separators require drains which can handle very high volumes of condensate and particulate contamination.
2. Receiver tanks utilize drains installed beneath the tank.
3. Refrigerated dryers require effective and reliable condensate removal to ensure a stable dew point and avoid liquid reentrainment in the heat exchanger sets.
4. Filters utilize drains to dispose of liquid oil and water which has been separated from the air stream by the coalescing filter element.

Features

- Rated for 750 psig
- Fully pneumatic
- Stainless steel vessel
- Ball valve passes rust and scale
- Ball valve stem support system
- Low profile simplifies installation on base mounted compressors and dryers
- Rugged design for tough applications
- Non-clogging ball valve
- No strainers to clean
- Operates on demand

Design

The NA750 is the ultimate high pressure demand operated drain. The unit is fully automatic, no electricity is required. Its low profile gives you the advantage of installing it in areas where the vessel to be drained is only a few inches from the ground. A unique air valve design uses a magnetic force to ensure both a positive opening and closing that will prevent any air loss. The magnetic force is positioned away from the condensation level to prevent any attraction of metal particulate. An innovative ball valve support and positioning system prevents the side loading problem which otherwise would cause premature sealing failure around the valve stem. ½" ball valve ensures that scale and rust will exit the vessel. The NA750 will not clog and no strainer is required.

How it Works

Condensation enters through one of the two inlet ports. A stainless steel float rises with the level of condensation and positions a magnetic force over the valve housing. When the liquid level reaches the desired level, the magnet in the valve housing snaps upward and allows air to pass through a stainless steel seat. The air then moves to a non-lubricated air cylinder causing it to extend and open the ball valve. Condensation, scale and rust particles rapidly exit the unit. Before any air is lost, the float removes the magnetic force from the valve and the seat is covered with a viton seal. A powerful spring returns the air cylinder to its normal position and rotates the positive closing ball valve back to its normally closed position. The pilot air used to actuate the air cylinder is isolated from the air in the drain's reservoir.

SPECIFICATIONS

INLETS	(2) ¾" NPT
OUTLETS	½" NPT
POWER	Clean, dry compressed air 80 to 130 psig
HOUSING PRESSURE	0 to 750 psi
OPERATING TEMPERATURE	32° to 180° F
WEIGHT	23 lbs.
DISCHARGE	24 ounces per cycle

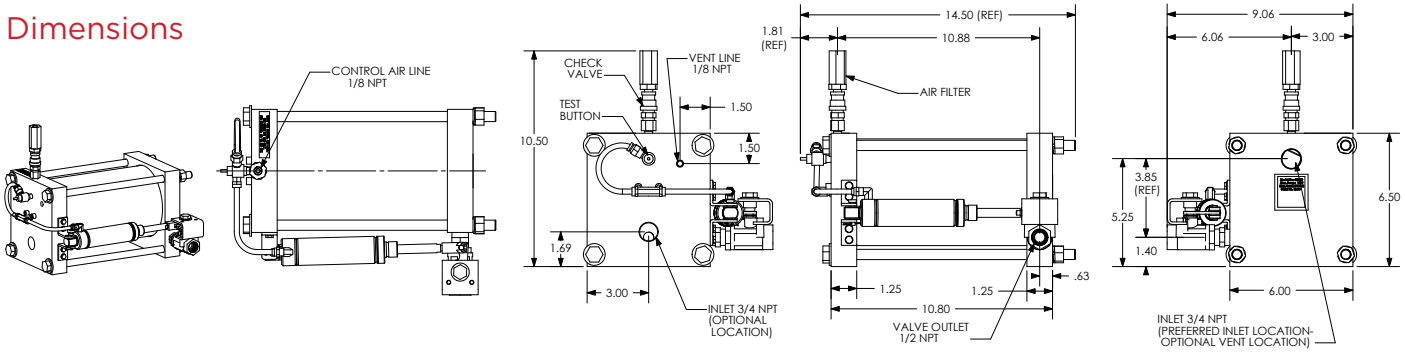
MATERIALS

RESERVOIR	304 Stainless Steel
VALVE	Stainless Steel w/SS. Ball and Stem
FLOAT	Stainless Steel
SEAT	Stainless Steel
SEAL	Viton

Drain test button optional

A fully automatic, high pressure, zero loss drain that requires no electricity. Ideal for systems up to 750 psig.

Dimensions



Pneumatic Condensate Drains

BMD-SMD-TMD Series

Gardner Denver pneumatically operated condensate drains are designed to ensure that manufacturing processes and products do not become contaminated by ensuring that liquid oil and water condensates are discharged from the compressed air stream. The SMD-TMD-BMD Series features a no air-loss actuated design which operates on demand. The discharge port closes before any compressed air is lost. Air powered pistons are used for positive opening and closing of discharge port.

BMD-SMD-TMD Series

Automatic Pneumatically-Operated Condensate Drain

Gardner Denver pneumatically operated condensate drains are designed to ensure that manufacturing processes and products do not become contaminated by ensuring that liquid oil and water condensates are discharged from the compressed air stream. The SMD/TMD/BMD Series features a no air-loss actuated design which operates on demand. The

discharge port closes before any compressed air is lost. Air powered pistons are used for positive opening and closing of discharge port.

Features

SMD

- Maximum Working Pressure: 175 PSIG
- Maximum Operating Temperature 120°F
- Economical drain for light to medium duty service
- No air loss level actuated design — operates on demand
- Discharge rates of .04 (20cc) per operation (0.3gal/hr - 1.2 liter/hr)
- Built-in stainless steel screen protects discharge port from clogging

TMD/BMD

- Maximum Working Pressure: 500 PSIG (depending on unit, see literature)
- Maximum operating Temperature: 150°F
- Discharge rates of 3-24 gallons/hour
- Rugged drain for heavy duty service and heavily contaminated condensate
- Large discharge port prevents clogging

Benefits

- Top or bottom inlet connections available
- No Air-loss level acuated design operates on demand
- Prevents the receiver tank from filling up with condensate and causing the compressor to short cycle
- Saves on wasted compressed air created when vavles are cracked open to purge the air lines of condensate

PNEUMATIC & ELECTRIC ZERO-LOSS DEMAND DRAINS

XGDR Series Drains

X Series: NeXt-Generation Gardner Denver Air Treatment

XGDR-PNLD24

PNEUMATIC-OPERATED CONDENSATE DRAIN

How It Works

Condensate enters the drain through one of the two inlet connections. As condensate is collected and the translucent reservoir fills, a stainless steel float mechanism rises. When the condensate reaches a designated level, the float mechanism actuates an isolated magnetic trigger assembly. The trigger assembly directs control air to the valve actuator, which in turn opens a full-port drain valve.

Condensate will then exit the unit. As the float drops, the trigger assembly closes the control air line and the valve actuator closes the ball valve. The drain is then returned to the collection mode.

A fully automatic, zero loss drain that requires no electricity

Translucent reservoir for visual assurance of operation

Ideal for Oil/Water Separators

Features

- Large 24 ounce capacity discharge
- Isolated trigger assembly
- Heavy duty industrial drain
- Horizontal low profile
- Translucent reservoir
- Non-clogging, full port drain valve
- Fully pneumatic
- Automatic design

Benefits

- Ideal for most compressor installations
- Reliable design - unaffected by contaminants
- One unit works for multiple compressed air systems: saves valuable air and money
- Fits in tight spaces: can be mounted under equipment
- Easy to see condensate level “quick check”
- Handles scale and rust without clogging
- No electricity required
- Operates on demand

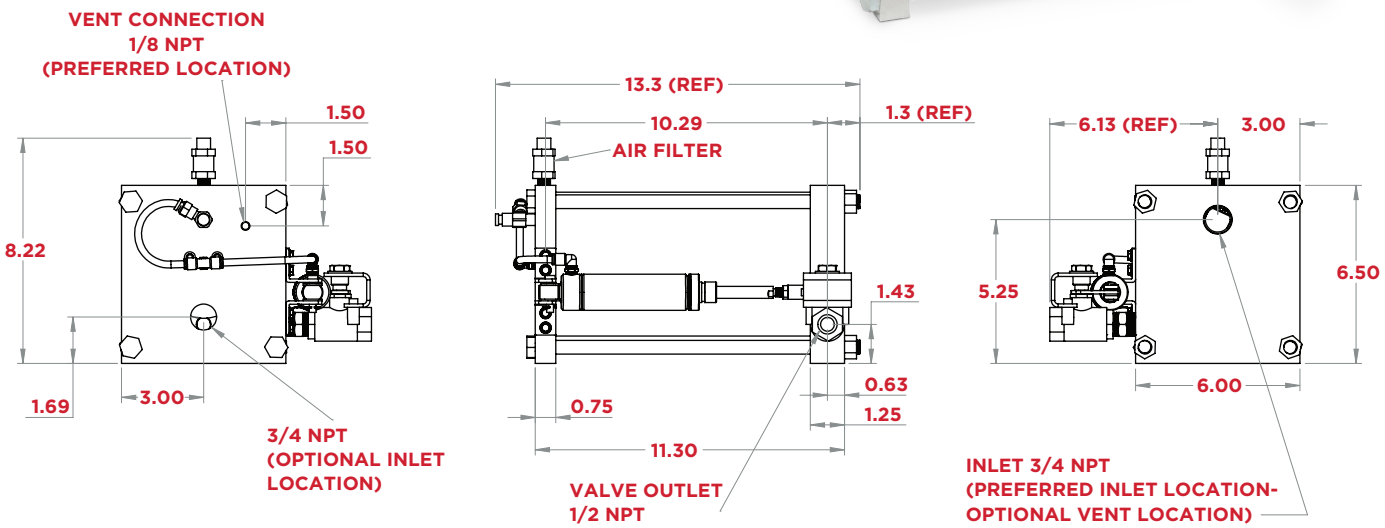
SPECIFICATIONS

PART	XGDR-PNLD24
INLETS	(2) 3/4" NPT
OUTLET	1/2" NPT
POWER	Clean, Dry Compressed Air 80 to 130 PSI
PRESSURE	0 to 250 PSI
OPERATING TEMP	32° to 180° F
WEIGHT	17 lbs
DISCHARGE	24 ounces per cycle

MATERIALS

PART	MATERIAL
RESERVOIR	Aluminum & Composite
VALVE	Bronze with Stainless Steel Ball & Stem
FLOAT	Stainless Steel
SEAT	Stainless Steel
SEAL	Viton

DIMENSIONS



X Series: NeXt-Generation Gardner Denver Air Treatment

XGDR-ENLD8, XGDR-ENLD21

ELECTRIC-OPERATED CONDENSATE DRAIN

How It Works

Condensate enters the drain through one of the two inlet connections. As condensate is collected and the translucent reservoir fills, a stainless steel level switch rises. When the condensate reaches a designated level, the level switch sends a signal to the straight flow posi valve, which in turn opens a full-port drain.

When installed, a light indicates power is being supplied to the drain. A second light indicates when the valve has been actuated by the float switch. An override switch is provided for manual operation of the drain.

Features

- Zero air loss
- Non-clogging, straight through flow, posi-valve, guillotine-style valve
- Vertical, compact design, translucent reservoir
- Indicator lights
- Multiple sizes

Benefits

- Energy efficient
- Passes rust and scale that would foul other solenoid valves, no strainers to clean
- Can be installed in tight spaces
- Easy to see condensate level “quick check”
- Easy to see the status of the drain
- Sized for your needs

XGDR-ENLD8, XGDR-ENLD21

ELECTRIC-OPERATED CONDENSATE DRAIN

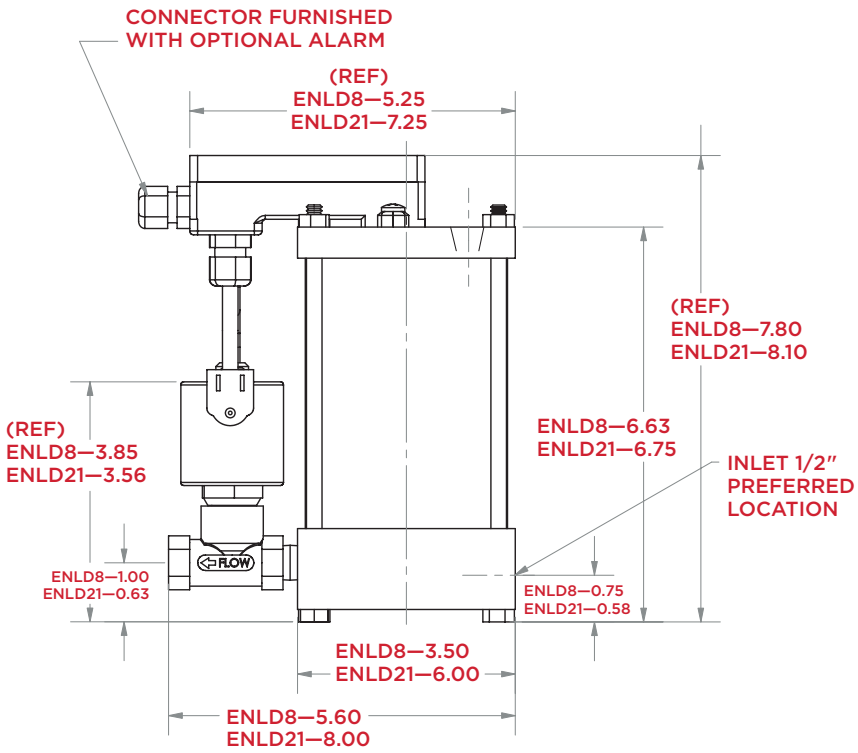
SPECIFICATIONS

PART	XGDR-ENLD8	XGDR-ENLD21
INLETS	(2) 1/2" NPT	3/4" & 1/2" NPT
OUTLET	1/4" NPT	1/4" NPT
COMPRESSOR CAPACITY	450 CFM	1125 CFM
DRYER CAPACITY	900 CFM	2250 CFM
FILTER CAPACITY	2700 CFM	6750 CFM
PRESSURE	0 to 200 PSI	0 to 200 PSI
OPERATING TEMP	35° to 180° F	35° to 180° F
WEIGHT	5 lbs.	10 lbs.
DISCHARGE	8 ounces per cycle	21 ounces per cycle

MATERIALS

PART	MATERIAL
RESERVOIR	Aluminum & Composite
CONTROL STEM	Teflon Coated
FLOAT	Stainless Steel
SEAT	Stainless Steel
SEAL	Viton

DIMENSIONS


CONNECTOR FURNISHED WITH OPTIONAL ALARM
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(REF) ENLD8—7.80 ENLD21—8.10
(REF) ENLD8—3.85 ENLD21—3.56
ENLD8—6.63 ENLD21—6.75
INLET 1/2" PREFERRED LOCATION
FLOW
ENLD8—1.00 ENLD21—0.63
ENLD8—0.75 ENLD21—0.58
ENLD8—3.50 ENLD21—6.00
ENLD8—5.60 ENLD21—8.00


Gardner Denver
XGDR-ENLD8

AUTOMATIC ELECTRIC CONDENSATE DRAINS

AED-Series

Where are Automatic Drains Used?

Gardner Denver AED Series Automatic Electric Condensate Drains are designed to ensure that manufacturing processes and products do not become contaminated by ensuring that liquid oil and water condensates are discharged from the compressed air stream. Drain installation is typically a part of a complete Gardner Denver air treatment system:

- Separators used on aftercoolers separate a great amount of condensate from the compressed air stream. They are normally integrated into a compressor package or are placed directly at the compressor outlet. These separators require drains which can handle very high volumes of condensate and particulate contamination.
- Receiver tanks utilize automatic drains installed beneath the tank.
- Refrigerated dryers require effective and reliable condensate removal to ensure a stable dew point and avoid liquid reentrainment in the heat exchanger sets.
- Filters utilize automatic drains to dispose of liquid oil and water which has been separated from the air stream by the coalescing filter element.

Automatic Drains Reduce Operating Costs

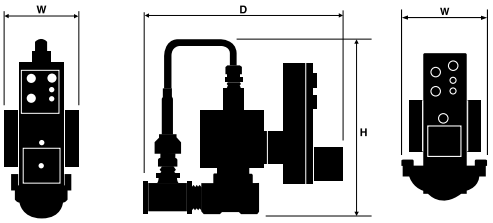
- Installing AED Series Automatic Electric Condensate Drains has several benefits for every compressed air system
- Eliminates daily man-hours required to walk the factory and manually drain air lines and equipment
- Eliminates daily man-hours required every morning to purge the air lines of condensate before work begins
- Prevents the receiver tank from filling up with condensate and causing the compressor to short cycle
- Saves on wasted compressed air created when valves are cracked open to purge the air lines of condensate
- Ensures timely and effective condensate removal during working hours to protect end products and process from contamination

Data & Figures

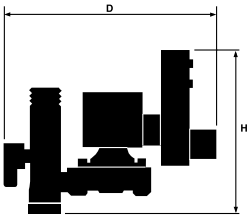
SPECIFICATIONS

MODEL*	MIN./MAX. WORKING PRESSURE PSIG (KGF/CM²)	ELECTRICAL	VALVE TYPE	ORIFICE SIZE IN (MM)	CONN. NPT / BSP	DIMENSIONS IN (MM) H	W	D	WEIGHT LB (KG)
AED21	5/175 (.35/12.3)	115/1/60 or 230/1/50	Direct Acting	.625 (16)	¼″	5.13 (130)	2.25 (57)	7.88 (200)	3 (1)
AED22	5/175 (.35/12.3)		Direct Acting	.625 (16)	⅜″	5.13 (130)	2.25 (57)	7.88 (200)	4 (2)
AED23	5/175 (.35/12.3)	115-60/100-50 or 230-60/200-50 NEMA 4/4x	Internal Pilot Operated Diaphragm	.625 (16)	½″	5.13 (130)	2.25 (57)	7.88 (200)	4 (2)
AED30	5/200 (.35/14)			.625 (16)	½″	5.13 (130)	2.25 (57)	7.88 (200)	4 (2)
AED32	5/300 (.35/21)		Direct Acting	.625 (16)	½″	5.56 (141)	2.25 (57)	7.88 (200)	3 (1)
AED41	5/1500 (.35/105)		External Pilot Operated Diaphragm	.047 (1.20)	¼″	4.38 (111)	1.69 (43)	4.88 (124)	2 (1)
AED50	5/300 (.35/21)			.50 (13)	½″	5.31 (135)	2.00 (51)	5.00 (127)	2 (1)
AED52	5/300 (.35/21)			.50 (13)	½″	6.25 (159)	2.00 (51)	7.00 (178)	3 (1)

*Maximum Operating Temperature is 120° F (49° C)



AED 21, 22, 23, 30, 32, 41



AED 50 & 52

Electronic Timed Condensate Drains

DS3 Series

Gardner Denver's DS3 Series Electronic Timed drains are ideal for small or large condensate loads. The DS3 Series consists of two products — the mini and the general. The Mini is ideal for smaller filters. The General is better suited for larger filters, refrigerated dryers, receiver tanks, and other general purpose applications. Both drain valves feature state of the art electronic timers and brass valve bodies, which come standard. The general model is available in corrosion free stainless steel and high pressure. The DS3 can also incorporate the optional Gardner Denver "4-Port" controller which automatically controls four independent solenoid drains due to the need to have electric timed drain valves operating at various intervals.

DS3 Series

Electronic Timed Drain

Gardner Denver's DS3 Series Electronic Timed drains are ideal for small or large condensate loads. The DS3 Series consists of two products — the mini and the general. The Mini is ideal for smaller filters. The General is better suited for larger filters, refrigerated dryers, receiver tanks, and other

general purpose applications. Both drain valves feature state of the art electronic timers and brass valve bodies, which come standard. The general model is available in corrosion free stainless steel and high pressure. The DS3 can also incorporate the optional Gardner Denver “4-Port” controller which automatically controls four independent solenoid drains due to the need to have electric timed drain valves operating at various intervals.

Features

- Units handle up to 1,200 PSIG (depending on unit, see literature)
- Fluid temperature: 33-190°F
- Ambient Temperature: 33-130°F
- Dual surge protectors in timer vs. one or none in competitor’s units
- UL, CSA, and CE certified

Benefits

- No down time
- High reliability, no board shorting
- Indoor/outdoor application
- Reliable test on demand
- Higher temperatures, longer lasting
- Versatility in installation
- World wide applications
- More positive closure — no clogging
- Continues to work even in adverse electrical conditions
- Visual indication of operation
- High reliability

Motorized Valve Condensate Drains

DS4 Series

When pipe scale, contaminants from deliquescent dryers or other large particles present in your condensate keep plugging or holding open your common drain valve, it's time for the DS4 Motorized Valve Drain from Gardner Denver. This valve is designed to handle all types of contaminants without clogging or sticking open. It consists of a ½" full-flow ball valve which will perform one full rotation in 7.5 seconds. Battery backup will provide continued operation in the event of a power failure which is something that is not available on most competitor units.

DS4 Series

Motorized Valve Drain

When pipe scale, contaminants from deliquescent dryers or other large particles present in your condensate keep plugging or holding open your common drain valve, it's time for the DS4 Motorized Valve Drain from Gardner Denver. This valve is designed to handle all types of contaminants without clogging or sticking open. It consists of a 1/2"

full-flow ball valve which will perform one full rotation in 7.5 seconds. Battery backup will provide continued operation in the event of a power failure which is something that is not available on most competitor units.

Features

- Maximum Operating Pressure: 600 PSIG
- Max Fluid Temperature: 190°F
- Max Ambient Temperature: 130°F
- 10 programmable settings
- Designed for heavy duty applications
- High pressure capabilities

Benefits

- High pressure capabilities
- Microprocessor based electronics
- Weatherproof enclosure
- Corrosion resistant valve coating
- Manual test button
- Valve open and program indicator
- Anti-blockage system to protect motor

PNEUMATIC & ELECTRIC ZERO-LOSS DEMAND DRAINS

XGDR Series Drains

X Series: NeXt-Generation Gardner Denver Air Treatment

XGDR-PNLD24

PNEUMATIC-OPERATED CONDENSATE DRAIN

How It Works

Condensate enters the drain through one of the two inlet connections. As condensate is collected and the translucent reservoir fills, a stainless steel float mechanism rises. When the condensate reaches a designated level, the float mechanism actuates an isolated magnetic trigger assembly. The trigger assembly directs control air to the valve actuator, which in turn opens a full-port drain valve.

Condensate will then exit the unit. As the float drops, the trigger assembly closes the control air line and the valve actuator closes the ball valve. The drain is then returned to the collection mode.

A fully automatic, zero loss drain that requires no electricity

Translucent reservoir for visual assurance of operation

Ideal for Oil/Water Separators

Features

- Large 24 ounce capacity discharge
- Isolated trigger assembly
- Heavy duty industrial drain
- Horizontal low profile
- Translucent reservoir
- Non-clogging, full port drain valve
- Fully pneumatic
- Automatic design

Benefits

- Ideal for most compressor installations
- Reliable design - unaffected by contaminants
- One unit works for multiple compressed air systems: saves valuable air and money
- Fits in tight spaces: can be mounted under equipment
- Easy to see condensate level “quick check”
- Handles scale and rust without clogging
- No electricity required
- Operates on demand

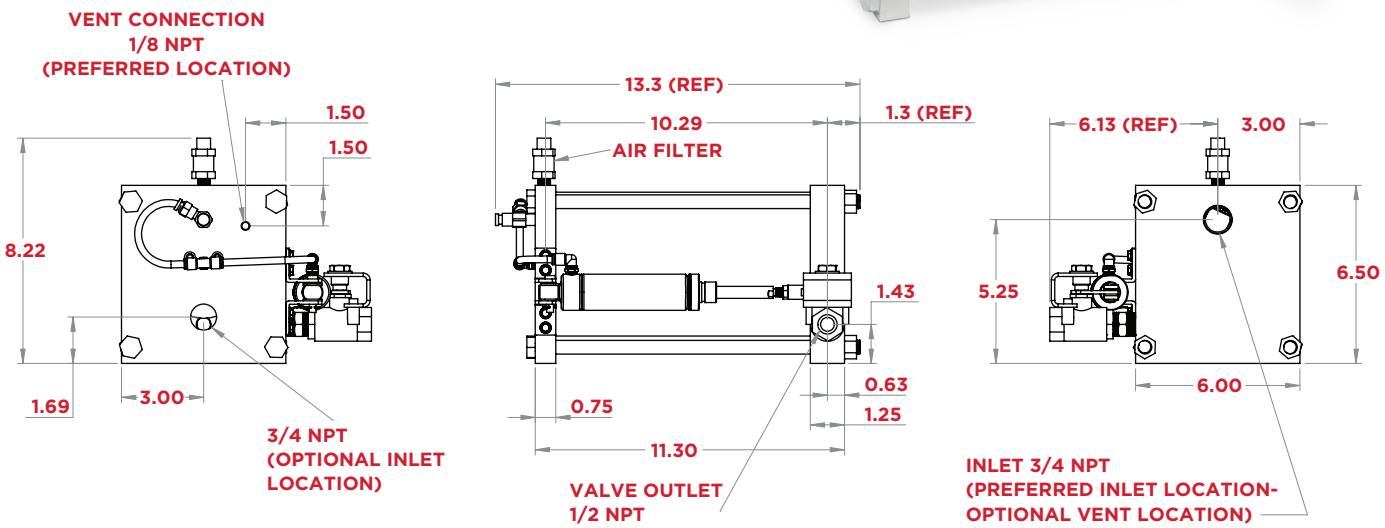
SPECIFICATIONS

PART	XGDR-PNLD24
INLETS	(2) 3/4" NPT
OUTLET	1/2" NPT
POWER	Clean, Dry Compressed Air 80 to 130 PSI
PRESSURE	0 to 250 PSI
OPERATING TEMP	32° to 180° F
WEIGHT	17 lbs
DISCHARGE	24 ounces per cycle

MATERIALS

PART	MATERIAL
RESERVOIR	Aluminum & Composite
VALVE	Bronze with Stainless Steel Ball & Stem
FLOAT	Stainless Steel
SEAT	Stainless Steel
SEAL	Viton

DIMENSIONS



X Series: NeXt-Generation Gardner Denver Air Treatment

XGDR-ENLD8, XGDR-ENLD21

ELECTRIC-OPERATED CONDENSATE DRAIN

How It Works

Condensate enters the drain through one of the two inlet connections. As condensate is collected and the translucent reservoir fills, a stainless steel level switch rises. When the condensate reaches a designated level, the level switch sends a signal to the straight flow posi valve, which in turn opens a full-port drain.

When installed, a light indicates power is being supplied to the drain. A second light indicates when the valve has been actuated by the float switch. An override switch is provided for manual operation of the drain.

Features

- Zero air loss
- Non-clogging, straight through flow, posi-valve, guillotine-style valve
- Vertical, compact design, translucent reservoir
- Indicator lights
- Multiple sizes

Benefits

- Energy efficient
- Passes rust and scale that would foul other solenoid valves, no strainers to clean
- Can be installed in tight spaces
- Easy to see condensate level “quick check”
- Easy to see the status of the drain
- Sized for your needs

XGDR-ENLD8, XGDR-ENLD21

ELECTRIC-OPERATED CONDENSATE DRAIN

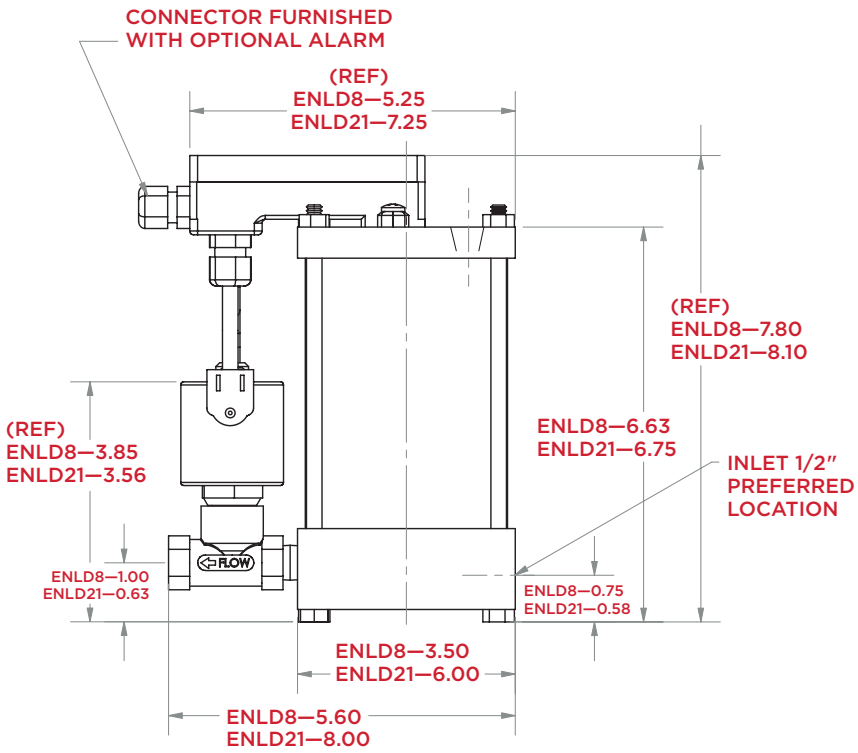
SPECIFICATIONS

PART	XGDR-ENLD8	XGDR-ENLD21
INLETS	(2) 1/2" NPT	3/4" & 1/2" NPT
OUTLET	1/4" NPT	1/4" NPT
COMPRESSOR CAPACITY	450 CFM	1125 CFM
DRYER CAPACITY	900 CFM	2250 CFM
FILTER CAPACITY	2700 CFM	6750 CFM
PRESSURE	0 to 200 PSI	0 to 200 PSI
OPERATING TEMP	35° to 180° F	35° to 180° F
WEIGHT	5 lbs.	10 lbs.
DISCHARGE	8 ounces per cycle	21 ounces per cycle

MATERIALS

PART	MATERIAL
RESERVOIR	Aluminum & Composite
CONTROL STEM	Teflon Coated
FLOAT	Stainless Steel
SEAT	Stainless Steel
SEAL	Viton

DIMENSIONS


CONNECTOR FURNISHED WITH OPTIONAL ALARM
(REF) ENLD8—5.25 ENLD21—7.25
(REF) ENLD8—7.80 ENLD21—8.10
(REF) ENLD8—3.85 ENLD21—3.56
ENLD8—6.63 ENLD21—6.75
INLET 1/2" PREFERRED LOCATION
FLOW
ENLD8—1.00 ENLD21—0.63
ENLD8—0.75 ENLD21—0.58
ENLD8—3.50 ENLD21—6.00
ENLD8—5.60 ENLD21—8.00


Gardner Denver
XGDR-ENLD8

25–1,700 SCFM

Liquid Separators

Liquid Separators

For compressed air systems that contain excessive liquid and solid contamination, choose Gardner Denver Liquid Separators. Our unique design combines the techniques of centrifugal action and other mechanical separation principles (Impingement, Separation, Laminar Flow, and Strokes Law) to remove large quantities of liquid and solid contamination.

Typical applications include water separation downstream of aftercoolers, downstream of intercoolers, protection of refrigerant and desiccant dryers, downstream of air receivers and other liquid/gas separation duties where the volume of water ad solids poses a real problem.

Features

- High flow rates
- Less than 1 psig differential pressure
- Lightweight cast aluminum housing with 1″ to 3″ NPT connections
- Externally epoxy painted for maximum corrosion protection
- Ribbed bowl with provision for “C” spanner for easy removal
- Cast zinc housing with ¾″ and 1″ NPT connections
- Standard equipped with quick disconnect bowls for ease of service
- Three different optional models of automatic drain available

OPERATING SPECIFICATIONS

MODELS	MIN. OPERATING TEMPERATURE	MAX. OPERATING TEMPERATURE	MAXIMUM PRESSURE	PRESSURE DIFFERENTIAL AT RATED FLOW
7000364	35° F	175° F	200 psig	1.0 psid
7000347–7000356	35° F	175° F	200 psig	1.0 psid

MOISTURE SEPARATORS AND DRAINS

MODEL NUMBER	IN/OUT NPT PIPE CONN.	RATED FLOW (SCFM) @ 100 PSIG[1]	DIMENSIONS (INCHES)						APPROX. WEIGHT (LBS)	RECOMMENDED AUTOMATIC DRAIN	DRAIN DIMENS. (IN.)	OVERALL LENGTH (IN.)	EXTERNAL DRAIN DISCHARGE PORT
			A	B	C	D	E	F			G	H	J
7000347*	¼″	25	3.00	.90	5.51	3.5	6.41	⅛″	2.2	Optional	—	—	—
7000348	¼″	25	3.00	.90	5.51	3.5	6.41	⅛″	2.2	Internal	—	—	—
7000349*	⅜″	50	3.35	.98	6.36	3.5	7.34	⅛″	2.6	Optional	—	—	—
7000351*	½″	50	3.35	.98	6.36	3.5	7.34	⅛″	2.6	Optional	—	—	—
7000352	½″	50	3.35	.98	6.36	3.5	7.34	⅛″	2.6	Internal	—	—	—
7000353*	¾″	100	4.692	1.0	9.00	3.5	10.0	⅛″	6.0	Optional	—	—	—
7000354	¾″	100	4.62	1.0	9.00	3.5	10.0	⅛″	6.0	Internal	—	—	—
7000355*	1″	120	4.62	1.0	9.00	3.5	10.0	⅛″	6.0	Optional	—	—	—
7000356	1″	120	4.62	1.0	9.00	3.5	10.0	⅛″	6.0	Internal	—	—	—

*Models have petcock
[1]psig maximum differential; contact Gardner Denver for flow at higher psigs

По вопросам продаж и поддержки обращайтесь:

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