



RECTORSEAL

HVAC-R PRODUCT CATALOG



Condensate Management
Compressor Maintenance
Air Diffusers
Lineset Covers
Refrigerant Locking Caps
Equipment Mounting
Speciality Chemicals
Air Conditioning Chemicals
Heating Chemicals



RECTORSEAL

About RectorSeal



Founded in 1937, The RectorSeal Corporation is a leading manufacturer of specialty products designed for the professional tradesmen. Products are distributed through an extensive wholesale network serving the plumbing, industrial, HVAC-R, construction, electrical and hardware market places.

RectorSeal's headquarters and primary manufacturing is located in Houston, Texas with facilities in Mount Vernon, New York and Fall River, Massachusetts.

**Through our commitment to providing quality products and services,
The RectorSeal Corporation has steadily grown over the years.**

CELEBRATING
75
YEARS
1937 - 2012

Table of Contents

Aspen® Pumps 6	Nu Line® 25	Condensate Management
Drain Hoses 18	Actabs™ 25	
Safe-T-Switch® 19	Easy Klear™ 25	Compressor Maintenance
EZ Trap® 22	Mighty Pump™ 26	
Hydrex™ 25		
Kickstart® 28	Oil-ID™ 30	Air Diffusers
Acid-Away® 29	Turbo-Kleen™ 31	
Acid-Away® for POE 29		
Acid-Detector™ 30		Lineset Covers
Acid-Detector™ for POE 30		
Airtec® Classic 34		Refrigerant Locking Caps
Airtec® Retro 35		
Airtec® Tuffbox 40		Equipment Mounting
Fortress® Lineset Ducting System 42		
Slimduct® Lineset Ducting System 46		Specialty Chemicals
Novent® 50		
Big Foot® Mounting 54		Air Conditioning Chemicals
Frame Supports 57		
RectorSeal® Universal Brackets 58		Heating Chemicals
Risers 60		
Thread Sealants 62		Other Related Products
Solvent Cements 64		
Soldering Fluxes 65		
Metacaulk® Firestop 66		
Coil Cleaners 72		
Leak Locators 74		
Cleaners & Treatments 75		
Cooling Tower Treatments 76		
Evaporative Cooler Treatments 76		
Soot Removers 78		
Fuel Oil Deodorizers & Absorbents 79		
Fuel Tank & Line Products 80		
Boiler Products 82		
Cleaners 84		
Miscellaneous 85		
Reference Charts 88		



Wholesale Network

CELEBRATING 75 YEARS 1937 - 2012



RectorSeal's Experienced Professionals provide constant support. Through our partnership with distributors, we assist in promoting RectorSeal products. Qualified Representatives deliver appealing, informative & up-to-date literature. We equip your show room with impressive merchandising & point-of-purchase displays. All literature, product data sheets & MSDS are downloadable at www.rectorseal.com

Our Knowledgeable Sales Agents provide educational programs for your sales team and customers.

RectorSeal's Staff participates in local, national & global trade shows to unveil innovative new products, pursue unique products to solve industrial problems and expand market horizons.

Training classes are conducted to demonstrate the proper use of our products and to introduce new products to the market. Code Requirements and Industry Standards are reviewed during these sessions. Instructors discuss RectorSeal's unique product advantages. We offer NATE Certified Training CEU's to technicians who are striving to improve their trade skills.



You can trust our Professional Sales Staff to provide support for your market needs. With 75 years of business experience, RectorSeal is dedicated to the success of your organization.



RECTORSEAL

Condensate Management

Aspen® Pumps

Drain Hoses

Safe-T-Switch®

EZ Trap®

Actabs™

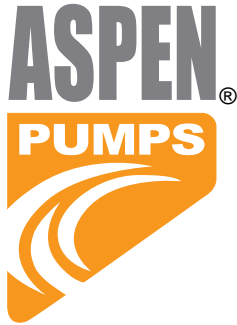
Hydrex™

Easy Klear™

Nu Line®

Mighty Pump™





Minisplit Pump Kits

Selecting the correct Aspen pump model for your minisplit installation

Five pump styles

1. Purple Peristaltic
2. Mini/Maxi Orange
3. Mini/Maxi Lime
4. Mini Aqua
5. Mini White®

Four considerations

1. Appearance

A concealed (Aqua) or remote condensate pump (Orange or Purple) will preserve the attractive nature of any minisplit installation. Surface mounted pumps (Lime or White) are neatly covered. All pumps are hidden from view and provide a clean finished appearance.

2. Quiet Operation

Choose a remote pump (Orange or Purple) installation for the quietest operation in noise sensitive areas. Silent Plus models are also available. They run quieter and are designated by SP suffix.

3. Ease of Installation

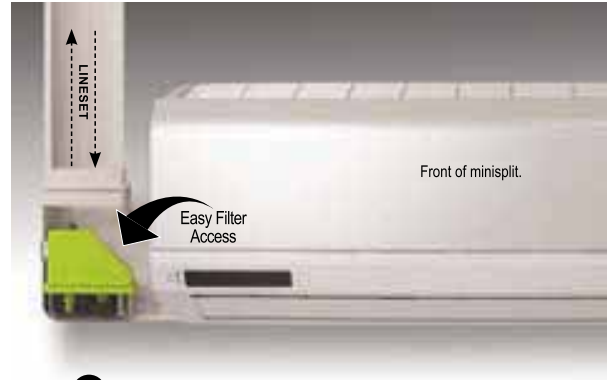
Aspen pump models can accommodate any installation. See the guide and chart (at right) for options.

4. Maintenance

Pump models with filters must be cleaned regularly. Choose a surface type pump (Lime or White) for easy filter access or a pump which requires no filter (Purple).

Multiple Benefits

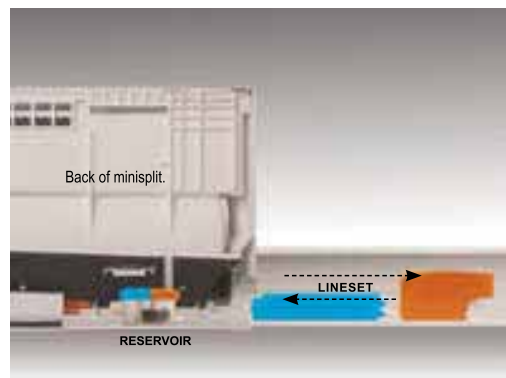
- Quick and easy to install
- Fit any Minisplit, up to 60,000 BTU/hr
- Self priming
- Hall effect sensors operate on water rise
- Dry contact for overflow protection
- Cleanable filters
- Quiet - 21dB (A) to 47 dB (A)
- Thermally protected
- Maximum water temperature 104 degree F.
- Discharge hose 1/4" ID.
- Kits include all components required
- Anti-siphoning device included
- 12 month limited warranty



Type A Installation - side entry lineset

Lineset enters the evaporator from either side, turns 90 degrees up into the ceiling and is completely concealed by lineset cover (included in kit).

LIME - Pump assembly mounts outside the evaporator, behind easy to remove elbow cover. Transparent reservoir clips off pump for easy filter access.



Type B Installation - exposed straight lineset

Lineset enters the evaporator from either side, extending horizontally to outside wall.

AQUA or **ORANGE** - Pump mounts outside the evaporator hidden inside horizontal lineset cover. Reservoir mounts at rear of evaporator, below the drain pan.

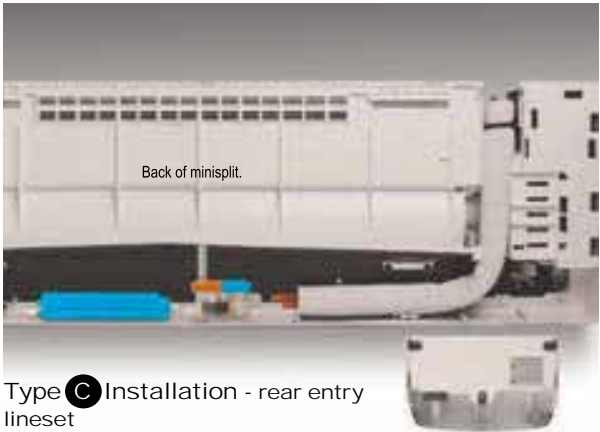
ASPEN® is a registered trademark of Aspen Oldco Limited Company UK

Pump selector guide

	ASP-PERIUNI-230 (83966)	ASP-PERIUNI-115 (83965)	ASP-PERIMECH-230 (83964)	ASP-PERIMECH-115 (83963)	ASP-MO-230 (83904)	ASP-MO-115 (83903)	ASP-MAXO-230 (83902)	ASP-MAXO-115 (83901)	ASP-MO-LG24 (83905)	ASP-MA-230 (83802)	ASP-MA115 (83801)	ASP-MA-JUNI (83809)	ASP-MA-LG24 (83803)	ASP-MART-LG24 (83805)	ASP-ML-230 (83837)	ASP-ML115 (83836)	ASP-ML-LG24 (83840)	ASP-MLS-230 (83846)	ASP-MLS-115 (83845)	ASP-MLF-230 (83839)	ASP-MLF-115 (83838)	ASP-ML-OEM-230 (83843)	ASP-ML-OEM-115 (83842)	ASP-ML-OEM-LG24 (83844)	ASP-MAXLS-230 (83833)	ASP-MAXLS-115 (83832)	ASP-MAXLF-230 (83831)	ASP-MAXLF-115 (83830)	ASP-MAXOEM-230 (83835)	ASP-MAXOEM-115 (83834)	ASP-MW-230 (83932)	ASP-MW-115 (83931)				
Electrical																																				
230V Model	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
115V Model																																				
Univolt Model																																				
24V Model																																				
Overflow Switch																																				
Reservoir Extension Cable (available)																																				
Mounting																																				
Surface Mount																																				
Concealed in Evaporator																																				
Concealed in Lineset Cover																																				
Remote Pump Install (ideal for noise sensitive areas)																																				
Easy Filter Access																																				
Lineset Duct Kit included																																				
LG Arctool Picture Unit Sensor Assembly included																																				
General																																				
Inline Reservoir Included (5/8 inlet)																																				
Drain Pan Mounted Reservoir Included (optional for ducted systems)																																				
Integral Reservoir on Pump																																				
No Filter Required																																				
Suitable for Dusty or Oily Environments																																				
Maximum Evaporator Capacity (thousand BTU)	24	24	24	24	24	24	60	60	24	24	24	24	24	24	30	30	30	30	30	30	30	30	30	30	60	60	60	60	60	60	60	30	30			
Maximum Suction Lift (ft)	10	10	10	10	4	4	4	4	4	3	3	3	3	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Maximum Remote Mounting Distance (ft)	40	40	40	40	21	21	21	21	21	5	5	5	5	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Sound Level (dB)	47	47	47	47	23	23	35	35	23	21	21	21	21	21	23	23	23	23	23	23	23	23	23	35	35	35	35	35	35	35	21	21	21			
Maximum Pumping Head (ft)	39	39	39	39	26	26	65	65	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	49	49	49	49	49	49	33	33	33	33			

For more detailed selection information see our Technical Bulletin "Selecting the Right Model Aspen Pump for Your Minisplit Installation" on our web site.

CONCEALED OR REMOTE | SURFACE MOUNTED



Back of minisplit.

Type C Installation - rear entry lineset

Lineset enters the evaporator from directly behind.

White recommended whenever possible

WHITE - Pump assembly mounts on wall surface below the evaporator (easy filter access).

AQUA - Both pump and reservoir mounts at rear of evaporator, below the drain pan.

Peristaltic pumps offer three major benefits for minisplit applications.

1. The ability to run both wet and dry, enables intermittent operation with a reservoir and float switch or continuous with the evaporator.
2. The capability to pump contaminants washed from the evaporator coil during condensate production.
3. A High level of suction enables remote mounting up to 40 feet away from the evaporator.

Minipumps always consists of two elements:

1. Pump body - Includes an electronic PCB and the pump motor.
2. Reservoir - Contains the filter and the switching mechanism to activate the pump. This must always be kept level and clean for proper operation of the float switch. The filter must be cleaned regularly.

Minipumps are available in two styles:

1. Split type - (Orange or Aqua series) are designed with separate pump and reservoir. The 2 elements are connected together with a length of 1/4" id vinyl tube and a communication cable, both of which are usually around 6 feet long. On our orange series pumps, this may be extended if required.
2. Monobloc type - (Lime or White series) are designed with both the pump and reservoir as one integral unit, sharing a common body. No connecting tubes or wires are needed.

Minipumps are not designed to run dry as they are both cooled and lubricated by the water flowing through them. They require a float switch to detect the presence of water in the drain pan and activate the pump only when water is present.



Type A or B or C Installation
For optimum quietness, the solution is a remote mounted pump.
PURPLE or ORANGE

Purple SERIES

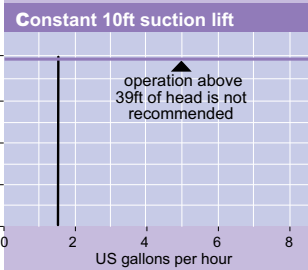
Peristaltic mechanical & universal pump kits

The ideal condensate pump for remote location application.



RS # (ref. #)	POWER SUPPLY & CONSUMPTION			CTN WT
UNIVERSAL VOLTAGE KITS				
83965 (ASP-PERI-UNI-115)	115 VAC	.20A	46W	4 1/2 lbs
83966 (ASP-PERI-UNI-230)	230 VAC	.20A	46W	4 1/2 lbs
MECHANICAL KITS				
83963 (ASP-PERI-MECH-115)	115 VAC	.20A	46W	4 3/4 lbs
83964 (ASP-PERI-MECH-230)	230 VAC	.20A	46W	4 3/4 lbs
PERI REPLACEMENT TUBE				
83892 (ASP-PERITUBE)				

Peristaltic Universal Pump Kit
The Universal peristaltic pump operates with two temperature sensors. These sensor leads are color coded red and blue and are fastened to the two lineset tubes (under the insulation) at any point. The pump is activated by a temperature differential between these sensors which will occur upon system startup. This pump is intended to run continuously during cooling operation.
Pump Dimensions: H-4 1/2" W-3" D-5 1/2"



Features & Specifications:

- Quiet operation
- Reliability - low maintenance
- Filterless operation
- Quick replacement pump head (annually)
- Self priming
- 3 minute timer overrun protection
- Siphon proof
- Thermally protected pump
- Eliminates corrosion & clogging
- Remote placement - up to 10ft vertical or 40ft horizontal from condensate source.
- Manual test switch
- Fire retardant housing
- Internal fuse
- Push in plug facilitates service without disconnecting wiring.
- Wall bracket includes storage for spare pump head
- Eliminates corrosion problems
- 3A NO/NC dry contacts rated @ 5 A inductive @ 230V AC. (Mechanical only)

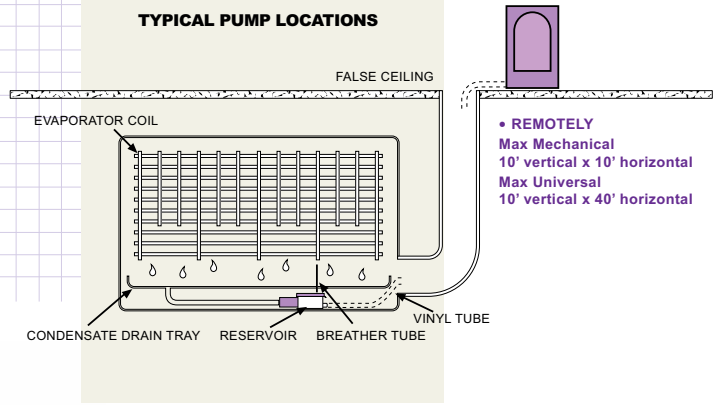
Duty Cycle:
100% - continuous

Capacity:
1.65 GPH @ 39ft head,
BTU/hr: up to 24,000
Maximum head: 39ft
Maximum water temp: 104° F
Suction lift: 10ft
Sound level: 47dB(A)

Universal Pump. No overflow switch



ASPEN® is a registered trademark of Aspen Oldco Limited Company UK



Peristaltic Mechanical Pump Kit
 The Mechanical peristaltic pump operates by using a remote reservoir with an internal float mechanism. This reservoir includes an overflow switch circuit similar to our minipumps which is connected to the evaporator and will disable the system during an overflow condition (overflow switch cable not included).

Pump Dimensions: H-5 1/2" W-3 3/8" D-7"

Mechanical Pump. With overflow switch



Universal Kit Includes:

- 1 Pump assembly
 - 2 Temperature sensor leads - 10ft
 - 3 Vinyl tubing - 5' x 1/4" i.d.
 - 4 Modular 6ft power cable
 - 5 Inlet tube and adaptor
 - 6 Universal mounting bracket
- Anti-siphoning device (not shown)

Mechanical Kit Includes:

- 1 Pump assembly
 - 2 In-line reservoir with lid & sensor
 - 3 Inlet tube - 8" x 5/8 i.d.
 - 4 Vinyl tubing - 5' x 1/4" i.d.
 - 5 Quick connect push-in power cable assembly
 - 6 Vinyl breather tube - 6" x 1/4" i.d.
 - 7 Universal mounting bracket
- Pan mounted reservoir (not shown)
 Anti-siphoning device (not shown)

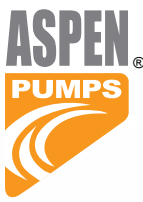
Orange

SERIES

Mini & Maxi pump kits

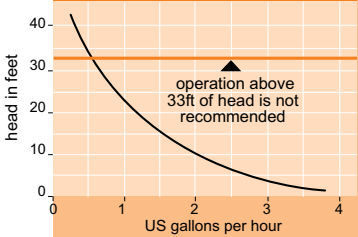
Installation flexibility. Proven reliability.

RS # (ref. #)	POWER SUPPLY & CONSUMPTION			CTN WT
UNIVERSAL VOLTAGE KITS				
83909 (ASP-MO-UNI)	100-250 VAC	.11-.18A	16W	2 lbs
83919 (ASP-MAXO-UNI)	100-250 VAC	.15-.28A	21W	2 lbs
MINI KITS				
83903 (ASP-MO-115)	115 VAC	.18A	15W	2 lbs
83904 (ASP-MO-230)	230 VAC	.11A	16W	2 lbs
MINI KITS- SILENT PLUS				
83911 (ASP-MO-115SP)	115 VAC	.18A	15W	2 lbs
83912 (ASP-MO-230SP)	230 VAC	.11A	16W	2 lbs
LG MINI KITS				
83905 (ASP-MO-LG24*)	24 VAC	.67A	16W	4 3/4 lbs
MAXI KITS				
83901 (ASP-MAXO-115)	115 VAC	.28A	21W	2 lbs
83902 (ASP-MAXO-230)	230 VAC	.15A	21W	2 lbs

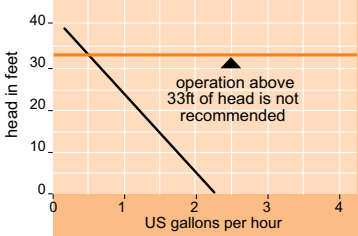


Mini - no suction lift

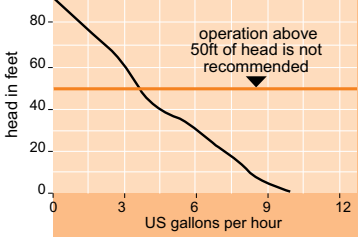
*Add "A" suffix for kit without transformer



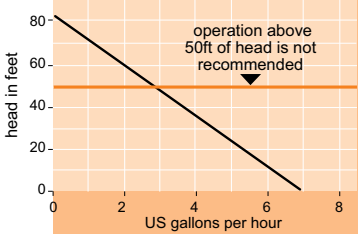
Mini - constant 5ft suction lift



Maxi - no suction lift



Maxi - constant 5ft suction lift



Features & Specifications:

- Pump installs remotely above ceiling or inside lineset cover.
- Two reservoir options - Pan mount or inline style
- Modular terminals for fast connection
- Gravity Inlet
- Potted electronics
- 3A NO/NC dry contacts rated @ 5A inductive at 230V AC.

Duty Cycle:

Mini - continuous
Maxi - 50% 5 mins on / 5 mins off

Capacity:

Mini - 3.2 GPH @ zero head
0.8 GPH @ 33ft head
Up to 24,000 BTU/hr
Maxi - 10 GPH @ zero head
3.8 GPH @ 50ft head
Up to 60,000 BTU/hr

Maximum head:
Mini - 33ft Maxi - 50ft

Suction lift: 5ft

Sound level:
Mini - 26dB(A) Maxi - 35dB(A)
Silent Plus - 19dB(A)



Inline Reservoir assembly

Submersible panmount reservoir option included (not shown)



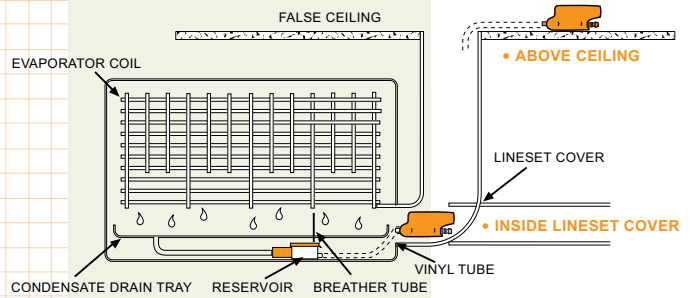
ASPEN® is a registered trademark of Aspen Oldco Limited Company UK

Pump Dimensions: shown actual size

Mini: L-4¹/₄" x W-1¹/₂" x H-2"

Maxi: L-4⁷/₈" x W-1³/₄" x H-2⁵/₈"

TYPICAL PUMP LOCATIONS



Mini or Maxi Kit Includes:

- ① Pump assembly
- ② In-line reservoir with lid & sensor cable, float & filter.
- ③ Inlet tube - 8" x 5/8 i.d.
- ④ Vinyl discharge tube - 5' x 1/4 i.d.
- ⑤ Modular 6ft power cable
- ⑥ Vinyl breather tube - 6" x 1/4" i.d.
- ⑦ Drain hose adaptor
- ⑧ In-line fuse

Not Shown: Anti-siphoning device, Cable ties (6)
Self adhesive Velcro strips (2), Installation Manual,
Transformer package (24 volt models only)
Submersible pan mount reservoir

Choose Mini or Maxi Pump

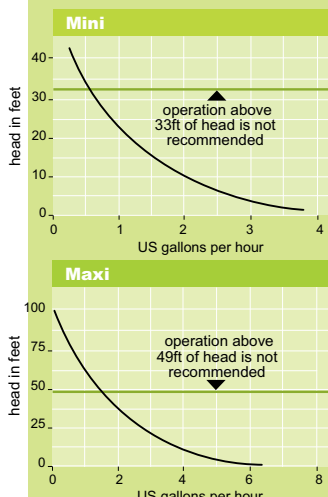
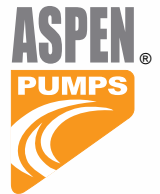


Lime S E R I E S

Mini & Maxi pump kits

Original elbow pump. Quick installation. Completely reversible.

RS # (ref. #)	POWER SUPPLY & CONSUMPTION			CTN WT	LINESSET COVER STYLE
UNIVERSAL VOLTAGE KITS					
83849 (ASP-ML-UNI)	100-250 VAC	.10-.16A	16W	1 1/2 lbs	Slimline (ivory) 31" length. Fits 3/8" & 5/8" lineset
83859 (ASP-MLF-UNI)	100-250 VAC	.10-.16A	16W	4 lbs	Fortress LD92 (white) 31" length. Fits 1/2" & 3/4" lineset
MINI KITS					
83836 (ASP-ML-115)	115 VAC	.16A	13.5W	4 lbs	Slimline (ivory) 31" length. Fits 3/8" & 5/8" lineset
83837 (ASP-ML-230)	230 VAC	.10A	15W	4 lbs	
83838 (ASP-MLF-115)	115 VAC	.16A	13.5W	3 3/4 lbs	Fortress LD92 (white) 31" length. Fits 1/2" & 3/4" lineset
83839 (ASP-MLF-230)	230 VAC	.10A	15W	3 3/4 lbs	
83845 (ASP-MLS-115)	115 VAC	.16A	13.5W	3 3/4 lbs	Slimduct SD77 (ivory) 31" length. Fits 1/2" & 3/4" lineset
83846 (ASP-MLS-230)	230 VAC	.10A	15W	3 3/4 lbs	
MINI KITS - SILENT PLUS					
83851 (ASP-ML-115SP)	115 VAC	.16A	13.5W	4 lbs	Slimline (ivory) 31" length. Fits 3/8" & 5/8" lineset
83852 (ASP-ML-230SP)	230 VAC	.10A	15W	4 lbs	
83860 (ASP-MLF-115SP)	115 VAC	.16A	13.5W	3 3/4 lbs	Fortress LD92 (white) 31" length. Fits 1/2" & 3/4" lineset
83861 (ASP-MLF-230SP)	230 VAC	.10A	15W	3 3/4 lbs	
MAXI KITS					
83830 (ASP-MAXLF-115)	115 VAC	.23A	18W	4 lbs	Fortress LD92 (white) 31" length. Fits 1/2" & 3/4" lineset
83831 (ASP-MAXLF-230)	230 VAC	.10A	15W	4 lbs	
83832 (ASP-MAXLS-115)	115 VAC	.23A	18W	4 lbs	Slimduct SD77 (ivory) 31" length. Fits 1/2" & 3/4" lineset
83833 (ASP-MAXLS-230)	230 VAC	.10A	15W	4 lbs	
LG MINI KIT					
83840 (ASP-ML-LG24)	24 VAC	.67A	16W	7 lbs	Slimline (ivory) 31" length. Fits 3/8" & 5/8" lineset
83847 (ASP-MLS-LG24)	24 VAC	.67A	16W	8 lbs	Slimduct SD77 (ivory) 31" length. Fits 1/2" & 3/4" lineset
OEM MINI KITS					
83842 (ASP-MLOEM-115)	115 VAC	.16A	13.5W	2 lbs	No duct included (see right)
83843 (ASP-MLOEM-230)	230 VAC	.10A	15W	2 lbs	No duct included (see right)
83844 (ASP-MLOEM-LG24)	24 VAC	.67A	16W	2 lbs	No duct included (see right)
OEM MAXI KITS					
83834 (ASP-MAXOEM-115)	115 VAC	.16A	13.5W	2 lbs	No duct included (see right)
83835 (ASP-MAXOEM-230)	230 VAC	.10A	15W	2 lbs	No duct included (see right)



Features & Specifications:

- Left or right install
- Easily accessed for filter cleaning
- Three lineset cover styles available - Slimline, Slimduct or Fortress.
- 3A NO/NC dry contacts rated @ 5A inductive at 230V AC.

Duty Cycle:

Mini - continuous
Maxi - 66% 10 mins on / 5 mins off

Capacity:

Mini -3.2 GPH @ zero head
0.8 GPH @ 33ft head
Up to 30,000 BTU/hr



Maxi- 10 GPH @ zero head
3.8 GPH @ 49ft head
Up to 60,000 BTU/hr

Maximum head: Mini - 33ft Maxi -49ft
Sound level: Mini - 27dB(A) Maxi - 35dB(A)
Silent Plus - 21dB(A)

Condensate
Management

Compressor
Maintenance

Air Diffusers

Lineset
Covers

Refrigerant
Locking Caps

Equipment
Mounting

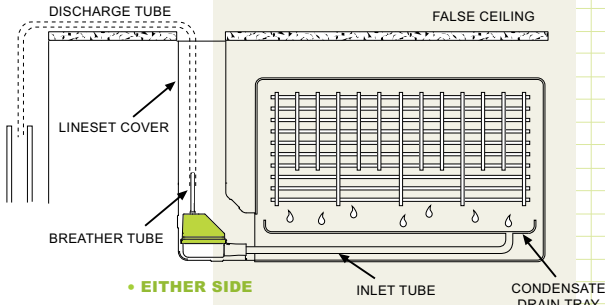
Specialty
Chemicals

Air Conditioning
Chemicals

Heating
Chemicals

Other Related
Products

TYPICAL PUMP LOCATIONS

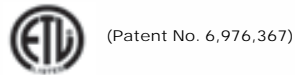


Pump Dimensions: shown actual size
 Mini: L-3³/₄" x H-3¹/₈" x W-1⁵/₈"
 Maxi: L-3³/₄" x H-3³/₈" x W-1⁵/₈"

Mini/Maxi Kit includes:

- 1 Monobloc Pump assembly
 - 2 Inlet tube - 20" x 5/8 i.d.
 - 3 Vinyl breather tube - 6" x 1/4 i.d.
 - 4 Vinyl discharge tube - 30" x 1/4 i.d.
 - 5 Power cable assembly - 6'
 - 6 In-line fuse
 - 7 Lineset cover elbow
 - 8 Lineset Cover -31" Length
 - 9 Ceiling plate
 - 10 Drain hose adaptor
- Not Shown:
 Anti-siphoning device, Cable ties (4),
 Installation Manual, Wall plugs & screws

OEM Kit (no ducting) includes:
 1-6 Mini/Maxi kit components
 Rubber elbow - 5/8", In-line filter - 5/8",
 Mounting bracket



Monobloc Pump



ASPEN® is a registered trademark of Aspen Oldco Limited Company UK

Aqua SERIES

Mini pump kits

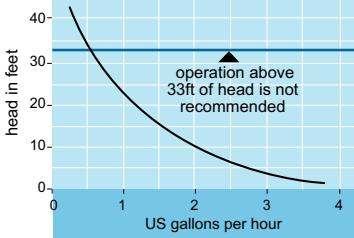
Ultra-slim profile. Fits inside evaporator or lineset cover.

RS # (ref. #)	POWER SUPPLY & CONSUMPTION			CTN WT
UNIVERSAL VOLTAGE KITS				
83809 (ASP-MA-UNI)	100-250 VAC	.07-13A	16W	1 1/2 lbs
MINI KITS				
83801 (ASP-MA-115)	115 VAC	.13A	15W	1 1/2 lbs
83802 (ASP-MA-230)	230 VAC	.07A	16W	1 1/2 lbs
MINI KITS- SILENT PLUS				
83811 (ASP-MA-115SP)	115 VAC	.13A	15W	1 1/2 lbs
83812 (ASP-MA-230SP)	230 VAC	.07A	16W	1 1/2 lbs
LG MINI KITS				
83803 (ASP-MA-LG24*)	24 VAC	.67A	16W	4 1/2 lbs
83804 (ASP-MA-LG24A)	24 VAC	.67A	16W	3 lbs
LG ARTCOOL MINI KIT				
83805 (ASP-MART-LG24*)	24 VAC	.67A	16W	4 1/2 lbs

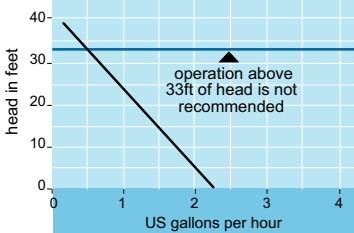


*Add "A" suffix for kit without transformer

Mini - no suction lift



Mini - constant 4ft suction lift



Features & Specifications:

- Integral hanging loop and separate reservoir facilitates attachment in vertical applications.
- 3A NO/NC dry contacts rated @ 5A inductive at 230V AC.

Duty Cycle:

50% duty cycle
5 mins on / 5 mins off

Capacity:

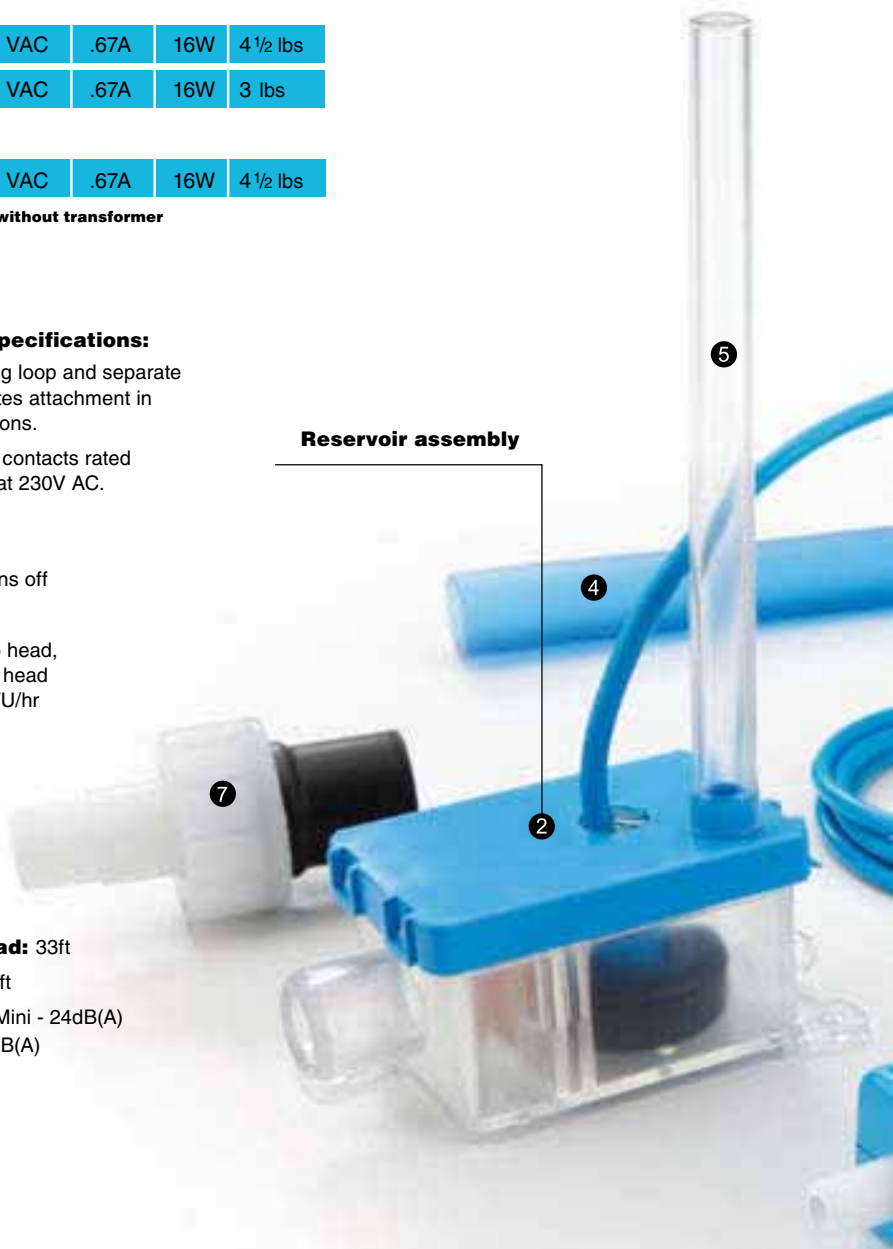
3.7 GPH @ zero head,
0.8 GPH @ 33ft head
Up to 24,000 BTU/hr

Maximum head: 33ft

Suction lift: 5ft

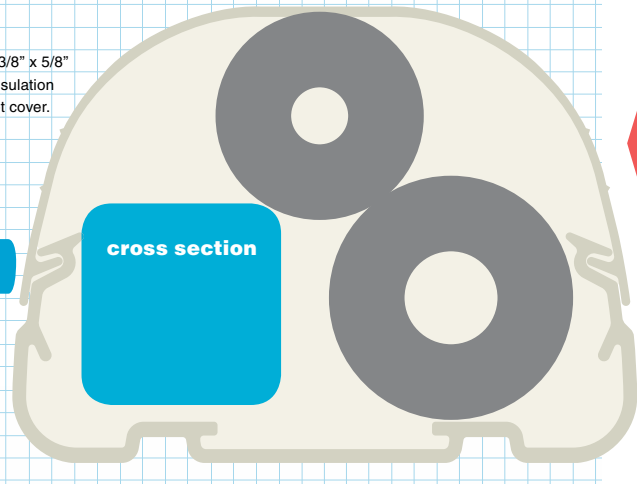
Sound level: Mini - 24dB(A)
Silent Plus - 19dB(A)

Reservoir assembly



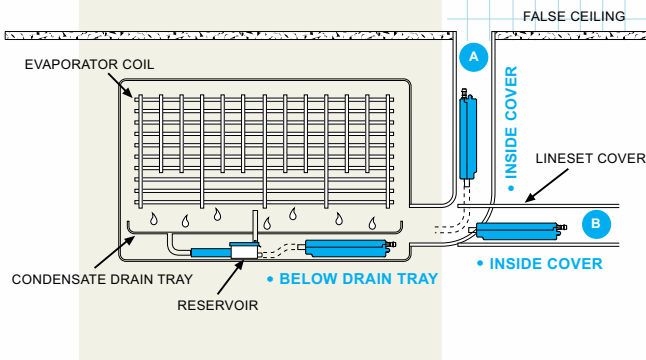
ASPEN® is a registered trademark of Aspen Oldco Limited Company UK

Typical section of 3/8" x 5/8" lineset with standard insulation inside lineset cover.



Pump Dimensions: L-6¹/₂" x H-1¹/₈" x W-1¹/₈" shown actual size

TYPICAL PUMP LOCATIONS

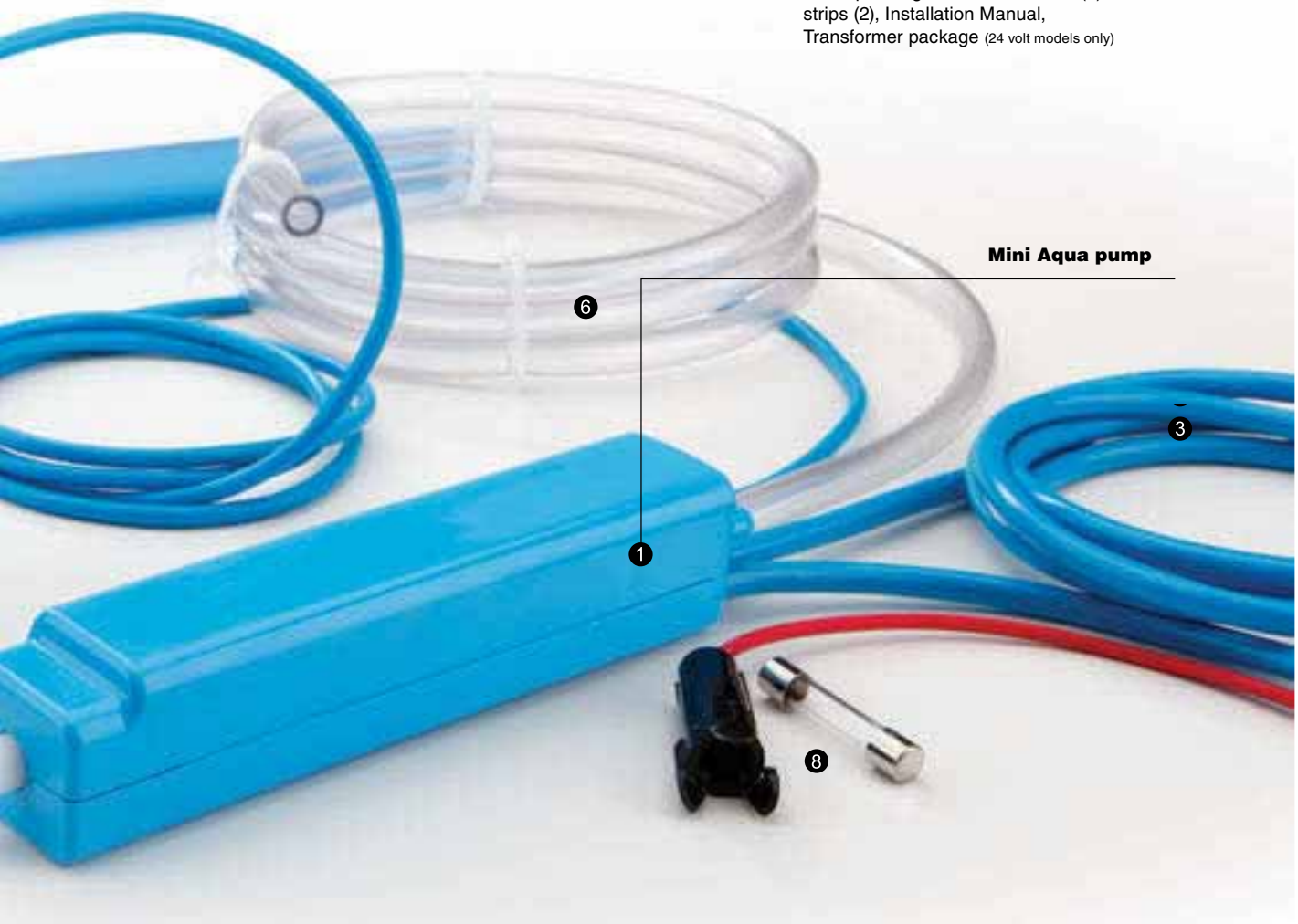


Mini Kit Includes:

- 1 Pump assembly
- 2 In-line reservoir - lid & sensor cable, float & filter.
- 3 Integral power cable assembly - 6'.
- 4 Inlet tube - 8" x 5/8 i.d.
- 5 Vinyl breather tube - 6" x 1/4" i.d.
- 6 Vinyl discharge tube - 5' x 1/4" i.d.
- 7 Drain hose adaptor
- 8 In-line fuse

Not Shown:

Anti-siphoning device, Cable ties (6), Self adhesive Velcro strips (2), Installation Manual, Transformer package (24 volt models only)



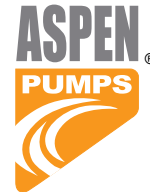
Mini Aqua pump

White SERIES

Mini pump kits

Monobloc pump assembly. Mounts directly below evaporator.

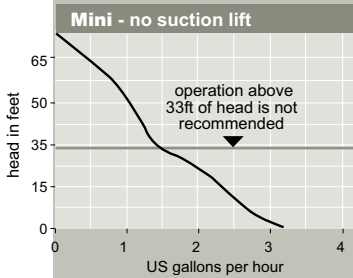
RS # (ref. #)	POWER SUPPLY & CONSUMPTION			CTN WT
UNIVERSAL VOLTAGE KITS				
83939 (ASP-MW-UNI)	100-250 VAC	.11-.18A	16W	1¾ lbs
MINI KITS				
83931 (ASP-MW-115)	115 VAC	.18A	15W	1¾ lbs
83932 (ASP-MW-230)	230 VAC	.11A	16W	1¾ lbs



Mini Kit Includes:

- 1 Monobloc pump assembly mounting grommets includes cleanable 700 micron filter, captive float & cover.
- 2 Power cable assembly - 39"
- 3 In-line fuse

Not Shown: Anti-siphoning device, Wall anchors, screws & hose clamp, Water treatment tablet, Installation Manual



Features & Specifications:

- Surface mounts below evaporator, at either end
- Crisp white color and slim profile complement any evaporator. Additional colors available (contact RectorSeal®)
- Resilient mounting minimizes vibration & noise
- Cleanable replaceable plastic filter cartridge accepts water treatment tablet
- Accepts standard 5/8" drain hose from any minisplit
- Extra large reservoir capacity minimize pump operation
- All components clip apart for easy disassembly without tools
- Power cable has push-in plug for easy wiring and disconnect
- No breather tube required
- No need to disturb evaporator to clean filter, reservoir clips out from front for easy removal and replacement
- 3A N/C dry contacts rated @ 5A inductive @ 230V AC

Duty Cycle: Continuous

Capacity:
2.8 GPH @ zero head,
0.8 GPH @ 33ft head
Up to 30,000 BTU/hr

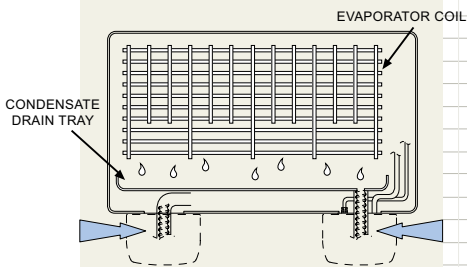
Maximum head: 33ft

Sound level: 21dB(A)



ASPEN® is a registered trademark of Aspen Oldco Limited Company UK
Mini White is a registered trademark of Aspen Pumps Limited Company UK

TYPICAL PUMP LOCATIONS



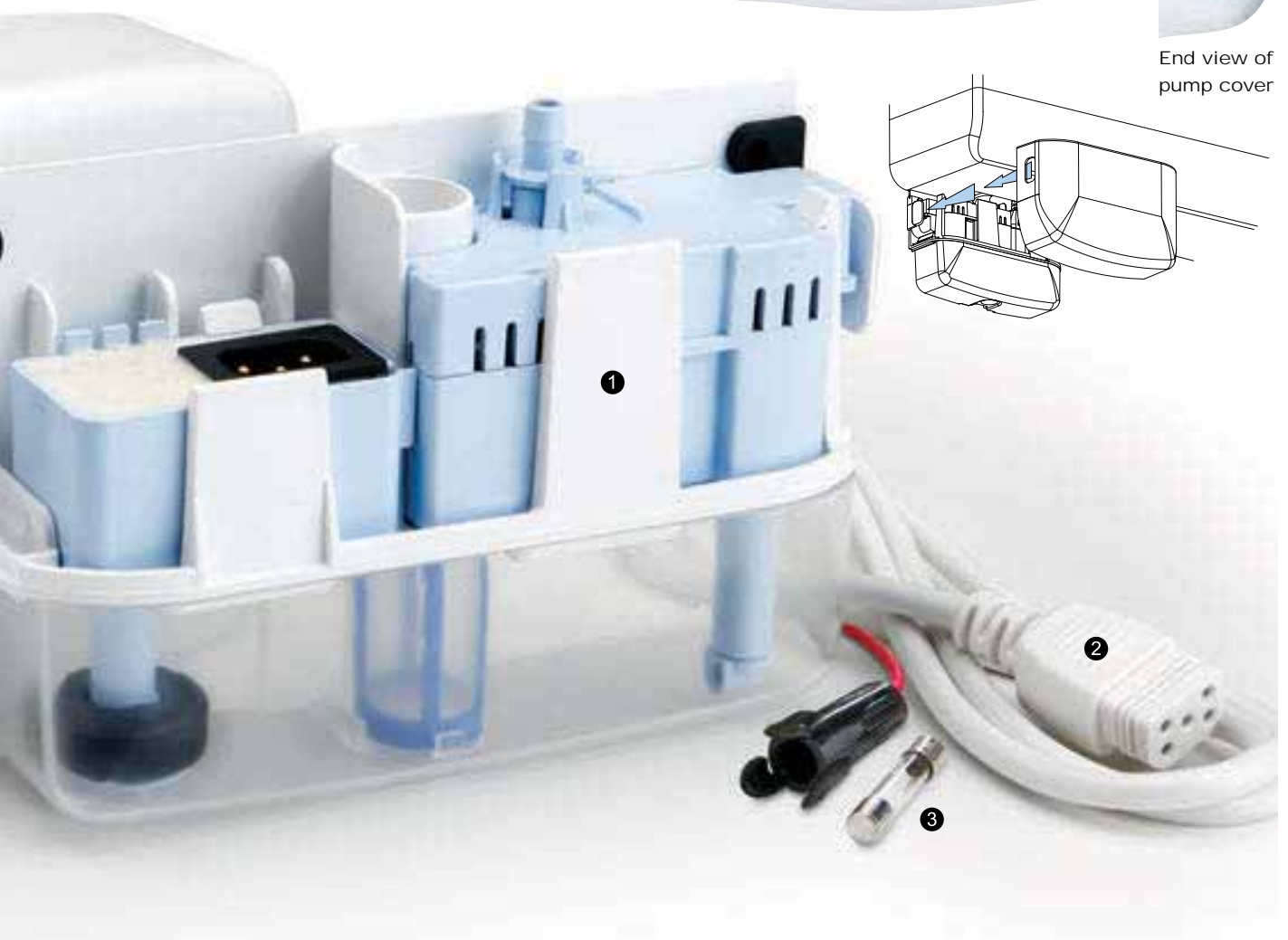
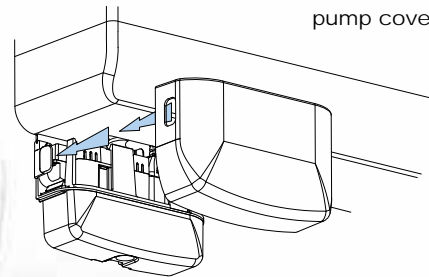
Pump can be placed at any point along bottom edge of evaporator where drain hose can exit.



Pump Dimensions: 7 1/8" x 4 1/2"

2" x 4 1/2"

End view of pump cover





Minisplit Condensate Drain Hose and Fittings

HOSE STYLES

Smooth Bore
Reduces resistance and maximizes condensate flow. Resists clogging.

Insulated
Protects hose from sweating that can occur from cooler condensate and warmer ambient air.

UV Resistance
Resists deterioration from Sunlight.



NON-INSULATED DRAIN HOSE	RS # (ref. #)	ID	LENGTH	CTN QTY	CTN WT
83001 (DH-14) LITE		1/2 in	165 ft	1	6 lbs
83002 (DH-16) STANDARD		5/8 in	165 ft	1	7 lbs
83003 (DH-16S) STANDARD		5/8 in	20 ft	5	6 lb
83004 (DHQ-16) UV RESISTANT		5/8 in	165 ft	1	6 lbs
83005 (DSB-16) SMOOTH BORE		5/8 in	65 ft	1	2 lbs
83006 (DSB-20) SMOOTH BORE		3/4 in	65 ft	1	8 lbs
INSULATED DRAIN HOSE					
83011 (DSH-14) SMOOTH BORE		1/2 in	65 ft	1	7 lbs
83012 (DSH-20N) SMOOTH BORE		3/4 in	65 ft	1	10 lbs
83013 (DSH-25N) SMOOTH BORE		1 in	65 ft	1	13 lbs
HOSE COUPLER					
83021 (DSH14J) JOIN DSH-14		1/2 in	-	10	1 lb
83023 (DSH20NJ) JOIN DSH-20		3/4 in	-	10	1 lb
83028 (DHJ-14)		1/2 in	-	10	1 lb
83029 (DHJ-16)		5/8 in	-	10	1 lb
83031 (DSH-14C) INSULATED		-	-	10	2 lbs
PIPE ADAPTOR					
83020 (DH-14-16V) DSH-14 TO 3/4 PVC		3/4 in	-	10	2 lb
83024 (DSH-20-NV) DSH-20 TO 3/4 PVC		3/4 in	-	10	2 lb
VENTED DRAIN WYE					
83022 (DY-16)		5/8 in	-	10	1 lb
WALL SLEEVE			SIZE	CTN QTY	CTN WT
83017 (NFP-75) WALL SLEEVE			3"x 5" - 7"	10	1 lbs
83015 (FPS-65) 5° INCLINED WALL SLEEVE			2 1/2"x up to 8"	10	1 lbs
83016 (HN-75-I) UV RESISTANT NON-ADHESIVE WRAP			3"x70'	4	1 lbs



Condensate Overflow Switch

The Most Reliable Switch

- Condensate Management
- Compressor Maintenance
- Air Diffusers
- Lineset Covers
- Refrigerant Locking Caps
- Equipment Mounting
- Specialty Chemicals
- Air Conditioning Chemicals
- Heating Chemicals
- Other Related Products

Model SS1

Primary drains or auxiliary drain outlets

Code	Description	Qty.
97632	Model SS1	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Install vertically or horizontally
- Connect to either red or yellow wire



Application • Detects clogged A/C condensate drains and shuts off the system to prevent water damage to floors, walls and ceilings • Can be installed horizontally or vertically, inline or on the primary pan's auxiliary drain outlet by using the included 3/4" adapter, bushing and cap • Can be installed on a sloping line and does not need to be level or plumb

US Patent No. 6,442,955



Model SS2

Primary pan auxiliary outlet

Code	Description	Qty.
97637	Model SS2	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire



Application • Detects clogged A/C condensate drains and shuts off the system • Using the 3/4" adapter the SS2 can be installed on the auxiliary outlet of the primary drain pan • Easy access to the switch and the primary drain line for service

US Patent No. 6,442,955



Model SS3

Primary & auxiliary drain pans

Code	Description	Qty.
97647	Model SS3	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire



Application • Detects clogged A/C condensate drains and shuts off the system • Steel mounting bracket clips firmly over the edge of most drain pans • Slim-profile can be installed on primary or auxiliary drain pans

US Patent No. 6,698,215



SAFE-T-SWITCH

Condensate Overflow Switch The Most Reliable Switch

Model SS4

Drain pans w/ slanted sides or lipped edges

Code	Description	Qty.
97625	Model SS4	24



- FEATURES**
- Condensate overflow switch
 - Magnetic reed switch
 - Connect to either red or yellow wire

Application • Detects clogged A/C condensate drains and shuts off the system • Adjustable clip to fit over slanted sides and lipped edges of primary and auxiliary drain pans



Model SS3-CT

Systems with communicating thermostats

Code	Description	Qty.
97652	Model SS3-CT	24



- FEATURES**
- Condensate overflow switch
 - Magnetic reed switch
 - Connect to either red or yellow wire

Application • Detects clogged A/C condensate drains • Normally open condensate overflow switch can be connected to the accessory wires of the communicating thermostat • Installed on primary or auxiliary drain pans



US Patent No. 6,698,215

Model SS2AP

Plenum rated

Code	Description	Qty.
97640	Model SS2AP	50



- FEATURES**
- Condensate overflow switch
 - Magnetic reed switch
 - Connect to either red or yellow wire

Application • Detects clogged A/C condensate drains and shuts off the system • Schedule 80 CPVC, plenum rated and listed to UL-2043 • Use 3/4" adapter to install on the auxiliary outlet of the primary drain pan



US Patent No. 6,442,955

Model SG1

Condensate overflow alarm

Code	Description	Qty.
97655	Model SG1	50



- FEATURES**
- 2-wire design
 - Works with 24V overflow switches

Application • Sounds a buzzer and flashes an LED when an overflow switch or condensate pump cuts the thermostat circuit



US Patent No. 7,199,722

SS 103 E Dual sensors

Code	Description	Qty.
97692	SS 103 E	24



- FEATURES**
- Electronic probe sensor
 - Simple 2-wire design
 - Onboard LED indicator
 - Connect to either red or yellow wire



Application

- For primary drain line and auxiliary drain pan or auxiliary drain outlet and auxiliary drain pan
- Can be installed horizontally or vertically or inline
- Onboard LED indicates the condition of the unit at a glance
- No moving parts



Compressor Maintenance

Air Diffusers

SS 500 EP Commercial rooftop downflow units

Code	Description	Qty.
97693	SS 500 EP	12



- FEATURES**
- Electronic probe sensor
 - Simple 2-wire design
 - Onboard LED indicator
 - Plenum rated wire
 - Connect to either red or yellow wire



Application

- Install on primary drain pan when plenum rating is needed
- Small size and slim profile great for use on commercial rooftop downflow units



Lineset Covers

Refrigerant Locking Caps

SS 700 E Directly in the secondary drain pan

Code	Description	Qty.
97695	SS 700 E	12



- FEATURES**
- Works in any position
 - Universal puck works in all secondary drain pans
 - Onboard LED indicator



Application

- Designed to sit directly in a secondary drain pan, eliminating screws and clips
- Multiple position option for the sensor and provides adjustable heights
- Great for use in plastic overflow pans with round edges

Equipment Mounting

Specialty Chemicals

SS 610 E Mini split systems

Code	Description	Qty.
97622	SS 610 E	12



- FEATURES**
- Sensor connects to indoor units
 - Attaches to pan or coils with unique bracket
 - Onboard LED indicator can be mounted to side of unit
 - No batteries required



Application

- Designed for mini split systems
- For installation directly on primary drain pan or clipped to coils above primary drain pan
- Multi-voltage
- Can be wired in both normally open & normally closed systems

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

EZ TRAP®

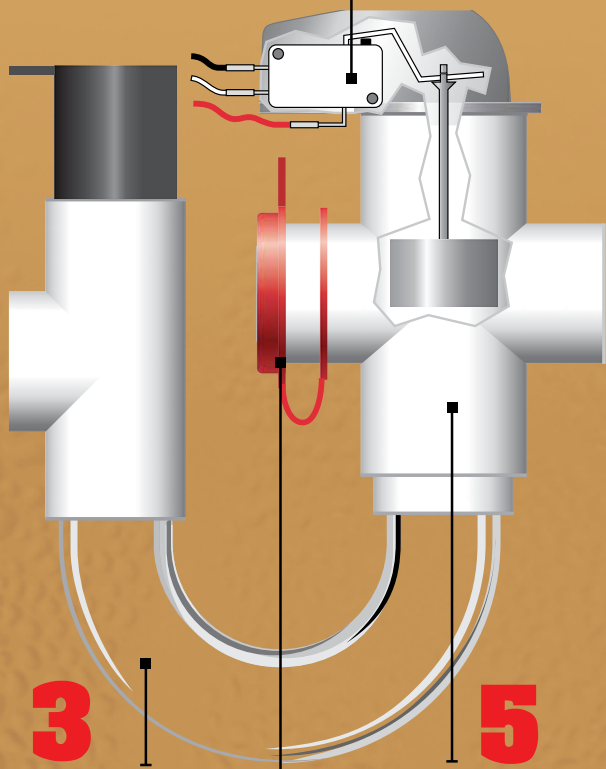
Condensate Traps & Overflow Switches

Easy Maintenance & Overflow Protection

1 SmartTrap™ (200 SERIES)

adds a float switch that warns of blockage and shut down the AC unit. Slip fit float switch removes easily for cleaning and inspection.

2 Proven reliability and higher switching capacity with microswitch technology. (4A NO/NC)



3 Transparent Trap is easy to clean and easy to inspect.

5 Quality construction with durable schedule 40 pvc fittings.

4 Watertight red caps provide easy access to clean the trap and drain pan outlet.

(Patent No. 5,069,042)

100 SERIES ClearTrap™ kits

Clear cleanable trap.

RS # (ref. #)	Size
83113 (EZT-113)	3/4"

Economy trap kit no/brush
Thinner walled trap for light duty applications. 10 per carton.
Includes: 3/4" trap, 3/4" cross, 3/4" tee, three 3/4" red caps, cleaning brush, 1" drop

RS # (ref. #)	Size
83114 (EZT-113B)	3/4"

Economy trap kit w/brush
Thinner walled trap for light duty applications. 10 per carton.
Includes: 3/4" trap, 3/4" cross, 3/4" tee, three 3/4" red caps, cleaning brush, 1" drop

RS # (ref. #)	Size
83119 (EZT-119)	1"

High flow commercial trap kit
for use when a 1" dia. discharge is required. 10 per carton.
Includes: 1" standard trap, 1" cross, 1" tee, 1" x 3/4" reducer bushing, 3/4" black stub, two 1" red caps, 1" male adaptor, cleaning brush, 1" drop

Accessories

83408 (EZT-408)
3/4" Clear PVC Pipe
8' length. 25 per carton.



83406 (EZT-406)
Standard Cleaning Brush
18" flexible rod. 25 per carton.



83405 (EZT-405)
Heavy Duty Cleaning Brush
18" flexible stainless rod.
10 per carton.

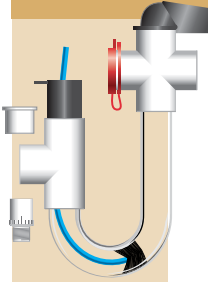


200 SERIES

SmartTrap™ kits

Float switch overflow protection.
Clear cleanable trap.

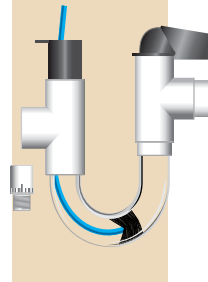
RS # (ref. #)	Size
83205 (EZT-205)	3/4"



Deep SmartTrap kit for fluctuating static pressure found in systems with variable speed air handlers. 10 per carton.
Includes: 3/4" Deep Standard Trap, 1" cross, 1" red cap, 1"x 3/4" bushing, 3/4" tee, 3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable, cleaning brush, 3" drop

UL LISTED
UL 508

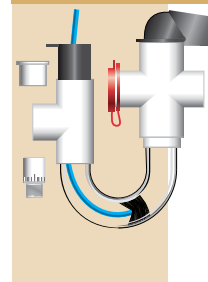
RS # (ref. #)	Size
83207 (EZT-207)	3/4"



Side entry SmartTrap kit for offset mounting on "A" coil applications on top of a vertical furnace. 10 per carton.
Includes: 3/4" Standard Trap, 3/4" cross, two 3/4" red caps, 3/4" tee, 3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable, cleaning brush, reducing tee, 1" drop

UL LISTED
UL 508

RS # (ref. #)	Size
83210 (EZT-210)	3/4"



Standard SmartTrap kit fits most applications requiring automatic shut down. 10 per carton.
Includes: 3/4" Standard Trap, 3/4" cross, 3/4" red cap, 1"x 3/4" bushing, 3/4" tee, 3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable, cleaning brush, 1" drop

UL LISTED
UL 508

RS # (ref. #)	Size
83230 (EZT-230)	3/4"



Tamper resistant SmartTrap kit with threaded cleaning cap. Fits most applications. Includes clear u-bend for inspection, and access ports for easy cleaning. 10 per carton.
Includes: 3/4" Standard Trap, 1" cross, 3/4" locking cap, 1"x 3/4" bushing, 3/4" tee, 3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable, cleaning brush, 1" drop

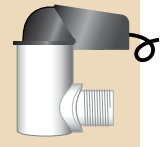
UL LISTED
UL 508

220 SERIES

Overflow switches

Float switch overflow protection.

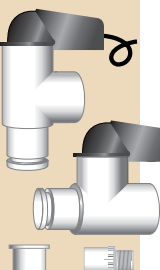
RS # (ref. #)	Size
83224 (EZT-224)	3/4"



Compact overflow switch with 3/4" male threaded inlet. Thread into fitting on secondary drain pan. 10 per carton.
Includes: 1"x 3/4" male threaded street ell, float switch assembly, 48" cable

UL LISTED
UL 508

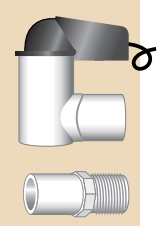
RS # (ref. #)	Size
83225 (EZT-225)	3/4"



Inline universal primary/secondary overflow switch 3/4" or 1" inlet, with 3/4" outlet. Install vertical or horizontal, inline or plugged. 10 per carton.
Includes: 1"x 3/4" x 1" tee, 3/4" male adaptor, 3/4" plug, 1"x 3/4" bushing, float switch assembly, 48" cable

UL LISTED
UL 508

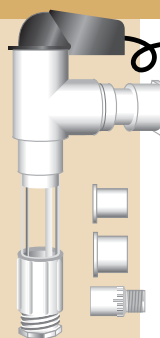
RS # (ref. #)	Size
83226 (EZT-226)	3/4"



Compact overflow switch with 3/4" female slip inlet. Two part design for use where obstructions prevent direct threading. 10 per carton.
Includes: 1"x 3/4" slip female street ell, 3/4" male adaptor, float switch assembly, 48" cable

UL LISTED
UL 508

RS # (ref. #)	Size
83228 (EZT-228)	3/4"



Inline primary/secondary overflow switch Same as 225 with clear extension tube for visual indication. 10 per carton.
Includes: 1"x 3/4" x 1" tee, 3/4" male adaptor, 3/4" plug, 1"x 3/4" bushing, float switch assembly, extension tube, 48" cable

UL LISTED
UL 508

- Condensate Management
- Compressor Maintenance
- Air Diffusers
- Lineset Covers
- Refrigerant Locking Caps
- Equipment Mounting
- Specialty Chemicals
- Air Conditioning Chemicals
- Heating Chemicals
- Other Related Products

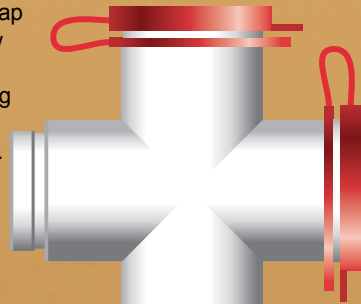
EZ TRAP[®]

UltraTrap™ Waterless Condensate Traps

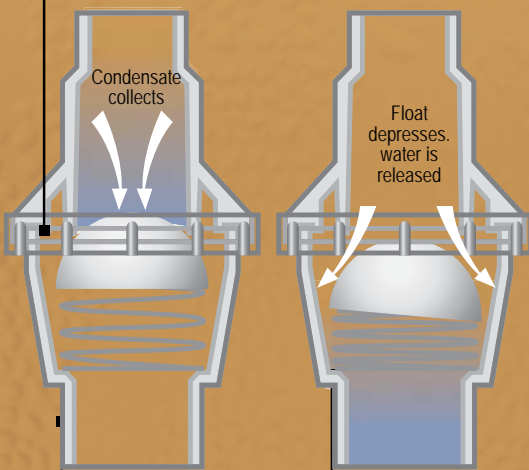
For Negative & Positive Pressure Systems Up to .5" WG, Capacity 2.7 GPM

1 UltraTrap™

Unique patented design retains no water and needs no priming. Spring-assisted float eliminates standing water and freezing problems associated with conventional P traps. UltraTrap allows free flow of condensate while preventing back airflow in either direction.



2 Captive twist-off locking ring



3 Transparent trap allows for easy cleaning and inspection

4 Stainless steel spring

EZ TRAP

3 Year Warranty

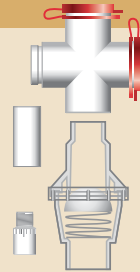
(Patent No. 6,698,225)

100 SERIES

Waterless kits

Waterless freeze protection.

RS # (ref. #)	Size
83150 (EZT-150)	3/4" OR 1"



UltraTrap waterless trap kit eliminates standing water and freezing problems. Positive or negative pressure systems. 5 per carton. Includes: 3/4" UltraTrap, 3/4" cross, two 3/4" red caps, 3/4" male adaptor, 3/4" coupler, cleaning brush

RS # (ref. #)	Size
83180 (EZT-180)	5/8"

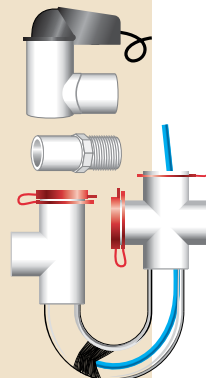


Mini waterless in-line trap All advantages of 150 - sized for use in ductless minisplit applications. Use on any minisplit evaporator with gravity drain. Permits free condensate flow while blocking odors, noise and insects. Freeze resistant. Only 2-3/4" long. 10 per carton. Includes: 5/8" MiniTrap, 9/16" adapter

600 SERIES

Combo kit Clear Trap and Overflow Switch

RS # (ref. #)	Size
83626 (EZT-626)	3/4"



For coverage of the entire condensate drain system. 5 per carton.

Compact overflow switch with 3/4" female slip inlet Two part design for use where obstructions prevent direct threading. Includes: 1"x 3/4" slip female street ell, 3/4" male adaptor, float switch assembly, 48" cable

Economy trap kit w/brush Thinner walled trap for light duty applications. Includes: 3/4" blow molded trap, 3/4" cross, 3/4" tee, three 3/4" red caps, cleaning brush, 1" drop



Condensate Drain Line Cleaners

Condensate Management

Compressor Maintenance

Air Diffusers

Linet Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Hydrex™ A/C Tabs

A/C drain pan & drain line treatment

Code	Description	Qty.
68115	200 tablet bottle	12

FEATURES

- Easily dispensed
- Long lasting

Application • Prevents drain line and pan blockage in air conditioners, humidifiers and refrigerators due to build up of sludge and slime • 2 tablets per one ton of air conditioning controls odor and sludge for up to 3 months

Recommended for

- Drain pan



Nu Line®

A/C condensate drain cleaner

Code	Description	Qty.
97685	8 oz.	24
97690	32 oz.	12

FEATURES

- Easily dispensed
- Long lasting

Application • Helps prevent A/C drain line clogs and water leaks by removing slime and keeping drain lines open • Use every three months to help prevent mold growth

Recommended for

- Drain line • Drain pan



Actabs™

Drain line biocide

Code	Description	Qty.
68102	EE - 3 tab pouch	50
68108	6 tablet pouch	72
68106	XX - 12 tab pouch	12
68104	JR - 200 tab bottle	12

Actabs™ EE	Systems from 1 to 5 tons	EPA Reg. no. 51219-4
Actabs™	Systems from 6 to 15 tons	EPA Reg. no. 51219-3
Actabs™ XX	Systems from 16 tons and more	EPA Reg. no. 51219-4
Actabs™ JR	All systems monthly application	EPA Reg. no. 51219-1

Application • EPA registered biocide eliminates or prevents most blockages in air conditioning and refrigeration drain lines due to build up of bacterial slime, rust, scale, sludge, airborne dust, silt and other solids

- Lasts up to 3 months

Recommended for

- Drain pan
- Computer rooms



Easy Klear™

Clean-out valve

Code	Description	Qty.
97585	¾" line	12

FEATURES

- Easy upstream or downstream access to drain line

Application • Three-way clean-out valve for A/C and refrigeration condensate drain lines

- Removable cap allows access for shop-vac cleaning
- ¼" opening allows access to blow out clogs using CO₂ or nitrogen charges

Recommended for

- Condensate drain line





Vacuum or Push-Out Clogs in A/C Condensate Drain Lines

Mighty Pump™

Quickly & completely clear blockage

Code	Description	Qty.
97795	Mighty Pump™	4

FEATURES

- No nitrogen tank or gas cartridges needed
- 2-way flow w/o backflow
- Lightweight, heavy-duty molded PVC
- Easy clean up

Application • Hand-operated pump that can be used to vacuum or push-out a clogged drain line from inside or outside the home or building • Generates enough pressure to clear slime, mold & dirt plugs

Recommended for • Drain Line • A/C condensate pans • Secondary overflow pans • Water heater pans • Tubs & toilets

Includes • Pump body • Flexible hoses • Spring check valves • ¼" adapter • Replaceable parts





RECTORSEAL

Compressor Maintenance

Kickstart®

Acid-Away®

Acid-Away® for POE

Acid-Detector™

Acid-Detector™ for POE

Oil-ID™

Turbo-Kleen™



Kickstart® Potential Relay & Start Capacitor

The Original 2-Wire Hard Start Device

The Only OEM Tested & Approved Device



Kickstart® Potential relay & start capacitor

Code	Description	Qty.
96506	KS-1	20
96503	TO-5	20



FEATURES

- 2-wire design for easy installation
- 3-year warranty
- Extend the life of compressors
- OEM tested & approved

Application • 2-wired starting device that uses a mechanical potential relay & start capacitor • Assists compressors in starting under very adverse conditions such as low voltage or high head pressures extending the life of compressors by bringing them up to full speed more quickly and efficiently

Recommended for • Single phase 208V, 230V, and 265V A/C, refrigeration and heat pump compressors
 • KS-1 handles 3.5 - 5.0 ton maximum torque • TO-5 handles 1.0 - 3.0 ton maximum torque





Compressor Acid Neutralizer

Recommended by Compressor Manufacturers and Proven to Neutralize Acid After Burnouts



Acid Away®

Compressor burnout acid neutralizer

Code	Description	Qty.
45004	4 oz.	12

FEATURES

- Stays active in the system
- Preventive maintenance
- Safe for system components
- Tested to ANSI/ASHRAE standards 86-1983 & 97-1989

Application • Chemical treatment for A/C and refrigeration systems that have experienced a burnout or operating systems that are showing a buildup in acid content • No clogging or damage to line-sets from by-products of acid neutralization

Recommended for

- Both hermetic or semi-hermetic compressors that operate with standard CFC or HCFC refrigerants using mineral oil or alkylbenzene type refrigeration oils



U. S. Patent No. 5,503,757

Acid Away® for POE

Acid neutralizer for POE oils

Code	Description	Qty.
45009	4 oz.	12

FEATURES

- Removes residual acid
- Compatible with Polyol Ester lubricants
- Preventative maintenance
- Tested to ANSI/ASHRAE standards 86-1983 & 97-1989

Application • Prevents compressor burnouts by removing the acid buildup that occurs in Polyol Ester refrigeration oils used in A/C and refrigeration systems.

Recommended for • Both hermetic or semi-hermetic compressors that operate with Polyol Ester lubricants



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



Acid-Detector™ & Oil-ID™

Field Test Kits to Detect Acid & Determine Oil Types

Acid-Detector™

Test kit

Code	Description	Qty.
45002	Kit	12

FEATURES

- Fast acting

Application • Test kit designed for use in the field to detect acid in air conditioning and refrigeration oils

- Quickly detects the smallest trace of acids

Recommended for

- Mineral Oil • Alkylbenzene type refrigeration oil



Acid-Detector™ for POE

Test kit for POE oils

Code	Description	Qty.
45006	Kit	12

FEATURES

- Fast acting

Application • Test kit designed for use in the field to detect acid in Polyol-Ester type oil

- Quickly detects unacceptable amounts of acid

Recommended for

- POE air conditioning & refrigeration oil



Oil-ID™

Identify oil type

Code	Description	Qty.
45001	Kit	12

FEATURES

- Cost effective
- Quick & easy to use

Application • Field test kit quickly and easily identifies the type of refrigeration oil used in HVAC-R systems

- This inexpensive product will tell you within seconds, if the oil being used is a Polyol-Ester (POE) oil or not

Recommended for

- All types of oil





A/C System Flush

Turbo-Kleen™ Chemically cleans & mechanically scrubs

Code	Description	Qty.
82500	Flush Kit	6
82400	1 pt. refill	12
82450	1 gal. refill	4

FEATURES

- Unique chemical cleaning agents & patent pending injection nozzle
- Stays active during the entire cleaning process
- Low toxicity & non-flammable
- Cost effective, reusable system; only buy refills for future jobs

Application • Quick and less expensive way to completely clean residual oil and contaminants from A/C line sets • Scrubbing action cleans more completely than chemicals alone

Recommended for • Retrofits • Refrigerant conversions • Compressor change-outs

Kit Includes • Injector nozzle & canister • Flushing tool • Plastic connecting line • 1 pt. of chemical solution



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

RECTORSEAL

Customer Service

CELEBRATING
75
YEARS
1937 - 2012



Customer Service is available Mon-Fri 7:30am-5:00pm(CDT) ready to take care of your questions and concerns.

Orders can be sent by EDI, Fax: 800-441-0051 or Email: customerservice@rectorseal.com.

RectorSeal is devoted to you. The goal of Customer Service for the last 75 years has been to provide high quality, pleasant, efficient and accurate communication. We will continue to live up to our high standards.



Orders are promptly entered into our computer system for timely processing.



Orders are verified for accuracy to ensure that customers receive what was ordered.



Shipments are sent via the best carriers & monitored to see that they are delivered correctly & on time.



Personnel are regularly trained to ensure accurate, up-to-date information is provided.



Air Diffusers

Airtec® Classic

Airtec® Retro

Airtec® Tuffbox





Classic

GRILLE • DAMPER • BOX

Air Diffusers

Our patented 73 second diffuser install is the quickest in the trade.



Think Fast. Work Smart.®

Ask your distributor about the Airtec 73 second diffuser install.

The one piece design is virtually air tight, eliminating the need for tedious mastic and external sealers. That cuts attic time. Diffuser installation is no longer a two man job. Labor estimates will be more competitive and you can pocket the profit. You won't want to go back to a metal diffuser ever again.

Strong, Versatile, Quiet.

Airtec Classic is molded with professional grade polymers for long lasting durability.

Choose from five grille styles to deliver the optimum air flow and movement pattern for any room.

Stepped collar tears off easily to enlarge duct size to maximize job site flexibility. Virtually air-tight construction insures efficient and quiet air delivery.



Airtec®

Retro

GRILLE • DAMPER • BOX

Air Diffusers

Something unexpectedly beautiful for your discriminating customer.



Retro Style. Same Innovative Design.

Ask your builder about the Airtec Retro upgrade. Retro diffusers simulate the look of traditional cast iron, to add a sense of warmth missing in contemporary diffusers.

For Premium Installations.

Distinguish yourself from your competition with Airtec Retro reproduction antique styled air diffusers.

Your discerning customer can have the look and feel of a reproduction cast

iron grille without the high cost and weight. Simulated cast iron texturing is scratch and rust resistant. Authentic handle turns easily for full range of air flow adjustment. Airtec Retro offers the same advanced technology and labor saving installation time as the standard Airtec diffuser line.

Available in black and white. Stepped boot design, 2 sizes accommodate from 4" to 8" diameter ductwork.



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Airtec®

The Anatomy of the Airtec Air Diffuser.

One piece. Virtually Air Tight. Quicker Installation.



Damper Handle allows smooth, easy turning adjustment from below for fully open to tightly closed position.

Mounting Clips are designed to accommodate ceiling thickness to 1 1/4". Screw heads are powder coated.

Stepped Collar easily fits multiple duct sizes. Zip off bands tear away unneeded sections. High Grade Polymer Grille resists breakage, scratching, yellowing or fading.

Virtually airtight butterfly damper.

Rubber gasket delivers superior seal when closed.

Limited Clearance Diffusers

GRILLE WITH DAMPER



Model GRD grille/damper combination for low clearance side or top entry applications. Same construction as Airtec diffusers but with no boot. Standard 8" size only. Available in all five grille styles.

Ceiling Support Flanges

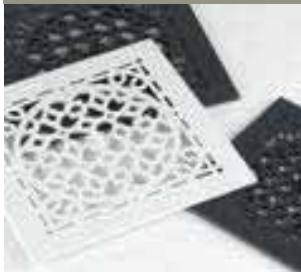
ROUGH IN FLANGES



Model RCF Designed for new construction. Our RCF flashing can be fastened to rough framing. It has a 3/8" lip that drops below the ceiling, requiring dry wall installers to cut the hole for you. RCF flanges are available for both 16" and 24" on center framing.

RS # (ref. #)	DESCRIPTION	L	W	H	CTN QTY	CTN WT
81965(RCF16)	16"O/C - 9 1/4"hole	16"	12"	3/8"	50	37 lbs.
81964(RCF24)	24"O/C - 9 1/4"hole	23 5/8"	12"	3/8"	25	38 lbs.
81955(RCF16S)	16"O/C - 7"hole	16"	12"	3/8"	50	48 lbs.
81954(RCF24S)	24"O/C - 7"hole	23 5/8"	12"	3/8"	25	39 lbs.

GRILLE ONLY



Model GR grille only. All styles and sizes of both Airtec Classic and Airtec Retro grilles are available. Does not include boot or damper.

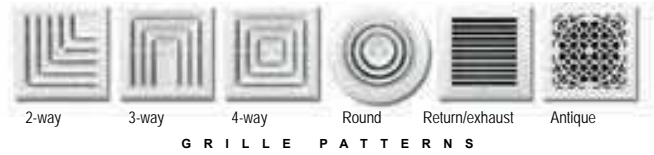
DROP CEILING FLANGES



Model DCF The DCF will increase strength and performance for lay in type ceiling applications by transferring weight onto the T-bars. This prevents tiles from sagging over time.

RS # (ref. #)	DESCRIPTION	L	W	H	CTN QTY	CTN WT
81963(DCF)	24"O/C - 9 1/4"hole	23 5/8"	12"	2"	25	45 lbs.
81953(DCFs)	24"O/C - 7"hole	23 5/8"	12"	2"	25	48 lbs.

Diffuser Ordering Information



Airtec Classic standard 8x8" diffuser assembly

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81912 (MV2)	2-way grille/damper/box	4	9 lbs
81913 (MV3)	3-way grille/damper/box	4	9 lbs
81914 (MV4)	4-way grille/damper/box	4	9 lbs
81911 (MV360)	Round grille/damper/box	4	9 lbs
81915 (MVE)	Return/exhaust grille/damper/box	4	9 lbs
81916 (MXE)	Return/exhaust grille/box (no damper)	4	9 lbs

Airtec Retro standard 8x8" diffuser assembly

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81909 (MVAW)	Retro White grille/damper/box	4	9 lbs
81918 (MVAB)	Retro Black grille/damper/box	4	9 lbs

Airtec Classic small 6x6" diffuser assembly

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81902 (MV2S)	2-way grille/damper/box	8	10.5 lbs
81903 (MV3S)	3-way grille/damper/box	8	10.5 lbs
81904 (MV4S)	4-way grille/damper/box	8	10.5 lbs
81901 (MV360S)	Round grille/damper/box	6	7.5 lbs
81905 (MVES)	Return/exhaust grille/damper/box	8	10.5 lbs
81906 (MXES)	Return/exhaust grille/box (no damper)	8	10.5 lbs

Airtec Retro small 6x6" diffuser assembly

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81919 (MVASW)	Retro White grille/damper/box	8	10.5 lbs
81908 (MVASB)	Retro Black grille/damper/box	8	10.5 lbs

Limited clearance grille/damper

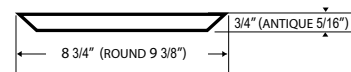
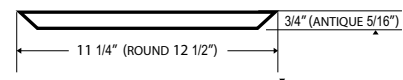
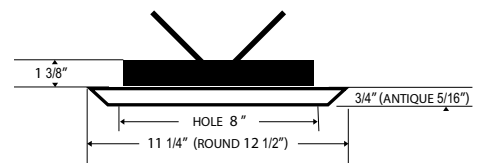
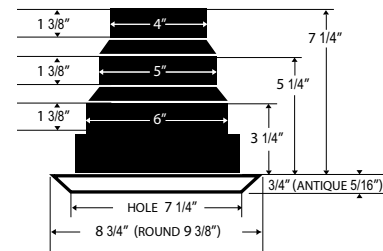
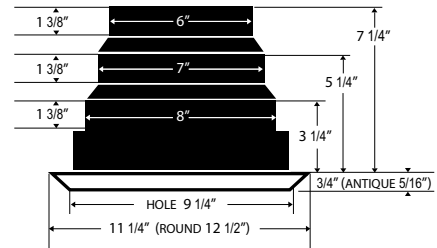
RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81942 (GRD2)	2-way grille/damper	12	15.8 lbs
81943 (GRD3)	3-way grille/damper	12	15.8 lbs
81944 (GRD4)	4-way grille/damper	12	15.8 lbs
81941 (GRD360)	Round grille/damper	6	7.7 lbs
81945 (GRDE)	Return/exhaust grille/damper	12	15.8 lbs
81949 (GRDAW)	Retro grille/damper (white)	12	15.8 lbs
81948 (GRDAB)	Retro grille/damper (black)	12	15.8 lbs

Standard Limited clearance grille only

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81832 (GR2)	2-way grille	10	6 lbs
81833 (GR3)	3-way grille	10	6 lbs
81834 (GR4)	4-way grille	25	6 lbs
81831 (GR360)	Round grille	15	6 lbs
81835 (GRE)	Return/exhaust grille	25	6 lbs
81839 (GRAW)	Retro grille (white)	25	8 lbs
81838 (GRAB)	Retro grille (black)	10	8 lbs

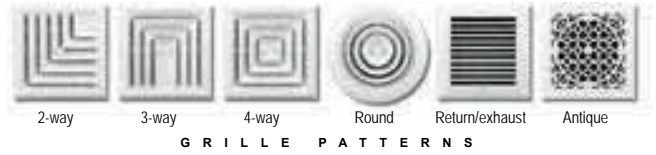
Small limited clearance grille only

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81822 (GR2S)	2-way grille small	10	2 lbs
81823 (GR3S)	3-way grille small	10	2 lbs
81824 (GR4S)	4-way grille small	10	2 lbs
81821 (GR360S)	Round grille small	10	4 lbs
81825 (GRES)	Return/exhaust grille small	10	2 lbs
81829 (GRASW)	Retro grille small (white)	10	5 lbs
81828 (GRASB)	Retro grille small (black)	10	5 lbs



Airtec®

Diffuser Air Flow Specifications



RS # (ref. #)
81912(MV2), 81942(GRD2) & 81832(GR2) (8x8") Ak=.33

RS # (ref. #)
81902(MV2S) & 81822(GR2S) (6x6") Ak=.17

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.006 WG	4.9 ft	164 ft/min
75	.009 WG	6.7 ft	229 ft/min
90	.014 WG	8.0 ft	264 ft/min
110	.021 WG	9.8 ft	330 ft/min
125	.027 WG	11.1 ft	375 ft/min
150	.039 WG	13.4 ft	451 ft/min
175	.053 WG	15.6 ft	533 ft/min
200	.069 WG	17.8 ft	604 ft/min
250	.108 WG	22.3 ft	757 ft/min
300	.156 WG	26.7 ft	909 ft/min
350	.212 WG	31.2 ft	1060 ft/min



CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.028 WG	4.5 ft	308 ft/min
75	.054 WG	6.0 ft	421 ft/min
90	.102 WG	7.1 ft	592 ft/min
110	.145 WG	8.9 ft	663 ft/min
125	.181 WG	10.3 ft	785 ft/min
150	.245 WG	11.5 ft	903 ft/min
175	.325 WG	12.6 ft	1045 ft/min
200	.430 WG	14.0 ft	1155 ft/min

RS # (ref. #)
81913(MV3), 81943(GRD3) & 81833(GR3) (8x8") Ak=.29

RS # (ref. #)
81903(MV3S) & 81823(GR3S) (6x6") Ak=.17

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.008 WG	5.0 ft	188 ft/min
75	.014 WG	6.8 ft	255 ft/min
90	.020 WG	8.1 ft	310 ft/min
110	.030 WG	9.9 ft	370 ft/min
125	.038 WG	11.3 ft	445 ft/min
150	.054 WG	13.5 ft	517 ft/min
175	.073 WG	15.8 ft	602 ft/min
200	.095 WG	18.0 ft	689 ft/min
250	.148 WG	22.5 ft	862 ft/min
300	.213 WG	27.0 ft	1034 ft/min
350	.289 WG	31.5 ft	1206 ft/min



Throw measurements are equal in all three directions +/-5%

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.056 WG	5.3 ft	344 ft/min
75	.075 WG	7.2 ft	426 ft/min
90	.130 WG	8.8 ft	570 ft/min
110	.171 WG	10.2 ft	661 ft/min
125	.230 WG	11.1 ft	785 ft/min
150	.290 WG	11.5 ft	880 ft/min
175	.445 WG	12.1 ft	994 ft/min
200	.545 WG	12.8 ft	1182 ft/min

RS # (ref. #)
81914(MV4), 81944(GRD4) & 81834(GR4) (8x8") Ak=.30

RS # (ref. #)
81904(MV4S) & 81824(GR4S) (6x6") Ak=.20

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.007 WG	3.9 ft	183 ft/min
75	.011 WG	5.3 ft	247 ft/min
90	.017 WG	6.4 ft	293 ft/min
110	.024 WG	7.8 ft	359 ft/min
125	.030 WG	8.9 ft	410 ft/min
150	.043 WG	10.6 ft	505 ft/min
175	.057 WG	12.4 ft	562 ft/min
200	.073 WG	14.2 ft	640 ft/min
250	.114 WG	17.7 ft	833 ft/min
300	.164 WG	21.3 ft	1000 ft/min
350	.223 WG	24.8 ft	1166 ft/min



CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.050 WG	4.5 ft	330 ft/min
75	.085 WG	6.3 ft	361 ft/min
90	.117 WG	7.1 ft	440 ft/min
110	.160 WG	8.2 ft	527 ft/min
125	.200 WG	9.1 ft	605 ft/min
150	.290 WG	10.2 ft	750 ft/min
175	.395 WG	10.9 ft	875 ft/min
200	.490 WG	11.5 ft	962 ft/min

RS # (ref. #)
81911(MV360), 81941(GRD360) & 81831(GR360) (8x8") Ak=.33

RS # (ref. #)
81901(MV360S) & 81821(GR360S) (6x6") Ak=.17

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.002 WG	3.0 ft	161 ft/min
75	.003 WG	3.6 ft	223 ft/min
90	.004 WG	3.8 ft	269 ft/min
110	.005 WG	4.0 ft	328 ft/min
125	.006 WG	5.0 ft	381 ft/min
150	.010 WG	5.5 ft	449 ft/min
175	.015 WG	6.5 ft	527 ft/min
200	.021 WG	7.0 ft	612 ft/min
250	.029 WG	8.0 ft	755 ft/min
300	.038 WG	9.0 ft	904 ft/min
350	.045 WG	10.0 ft	1055 ft/min



CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.006 WG	0.8 ft	214 ft/min
75	.009 WG	1.5 ft	284 ft/min
90	.014 WG	2.2 ft	347 ft/min
110	.018 WG	2.3 ft	415 ft/min
125	.025 WG	3.2 ft	437 ft/min
150	.036 WG	4.4 ft	544 ft/min
175	.045 WG	5.5 ft	614 ft/min
200	.060 WG	6.4 ft	699 ft/min

*All throw measurements are made from the center of the grille to a terminal velocity of 50 feet per minute. Direction determined by grille profile. .

**Noise level of any diffuser is directly related to face velocity. As a general rule face velocity should be under 800 FPM for residential applications. The MV diffuser with its one piece molded design, outperforms comparable diffusers causing less turbulence and noise.



Diffuser Air Flow Specifications



RS # (ref. #)
81915(MVE), 81945(GRDE) & 81835(GRE) (8x8") Ak=.37

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0005 WG	0.8 ft	92 ft/min
75	.0008 WG	2.1 ft	151 ft/min
90	.0014 WG	3.4 ft	207 ft/min
110	.0017 WG	5.6 ft	255 ft/min
125	.0020 WG	7.8 ft	350 ft/min
150	.0030 WG	9.7 ft	445 ft/min
175	.0050 WG.	11.4 ft	545 ft/min
200	.0080 WG	12.8 ft	700 ft/min
250	.0200 WG	14.1 ft	910 ft/min
300	.0250 WG	14.8 ft	1044 ft/min
350	.0300 WG	15.4 ft	1187 ft/min



RS # (ref. #)
81905(MVES) & 81825(GRES) (6x6") Ak=.31

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0008 WG	1.2 ft	146 ft/min
75	.0018 WG	4.2 ft	230 ft/min
90	.0035 WG	6.2 ft	285 ft/min
110	.0043 WG	7.3 ft	338 ft/min
125	.0054 WG	8.7 ft	434 ft/min
150	.0085 WG	9.8 ft	545 ft/min
175	.0100 WG.	11.0 ft	645 ft/min
200	.0110 WG	12.4 ft	685 ft/min

RS # (ref. #)
81916(MXE) (8x8") Ak=.37

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0005 WG	0.8 ft	92 ft/min
75	.0008 WG	2.1 ft	151 ft/min
90	.0014 WG	3.4 ft	207 ft/min
110	.0017 WG	5.6 ft	255 ft/min
125	.0020 WG	7.8 ft	350 ft/min
150	.0030 WG	9.7 ft	445 ft/min
175	.0050 WG.	11.4 ft	545 ft/min
200	.0080 WG	12.8 ft	700 ft/min
250	.0200 WG	14.1 ft	910 ft/min
300	.0250 WG	14.8 ft	1044 ft/min
350	.0300 WG	15.4 ft	1187 ft/min



RS # (ref. #)
81906(MXES) (6x6") Ak=.31

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0008 WG	1.2 ft	146 ft/min
75	.0018 WG	4.2 ft	230 ft/min
90	.0035 WG	6.2 ft	285 ft/min
110	.0043 WG	7.3 ft	338 ft/min
125	.0054 WG	8.7 ft	434 ft/min
150	.0085 WG	9.8 ft	545 ft/min
175	.0100 WG.	11.0 ft	645 ft/min
200	.0110 WG	12.4 ft	685 ft/min

RS # (ref. #)
81909(MVAW), 81949(GRDAW) & 81839(GRAW) (8x8") Ak=.26

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0007 WG	4.0 ft	175 ft/min
75	.0009 WG	6.8 ft	269 ft/min
90	.0021 WG	8.2 ft	383 ft/min
110	.0055 WG	9.9 ft	436 ft/min
125	.0064 WG	11.3 ft	472 ft/min
150	.0085 WG	12.9 ft	593 ft/min
175	.0105 WG.	14.3 ft	693 ft/min
200	.0160 WG	15.3 ft	841 ft/min
250	.0230 WG	16.0 ft	1031 ft/min
300	.0391 WG	17.2 ft	1201 ft/min
350	.0552 WG	17.9 ft	1315 ft/min



RS # (ref. #)
81919(MVASW) & 81829(GRASW) (6x6") Ak=.20

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0085 WG	2.1 ft	277 ft/min
75	.0185 WG	5.0 ft	373 ft/min
90	.0240 WG	7.9 ft	445 ft/min
110	.0375 WG	10.9 ft	550 ft/min
125	.0520 WG	13.3 ft	650 ft/min
150	.0730 WG	14.9 ft	771 ft/min
175	.1010 WG.	16.3 ft	899 ft/min
200	.1200 WG	17.5 ft	988 ft/min

RS # (ref. #)
81918(MVAB), 81948(GRDAB) & 81838(GRAB) (8x8") Ak=.26

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0007 WG	4.0 ft	175 ft/min
75	.0009 WG	6.8 ft	269 ft/min
90	.0021 WG	8.2 ft	383 ft/min
110	.0055 WG	9.9 ft	436 ft/min
125	.0064 WG	11.3 ft	472 ft/min
150	.0085 WG	12.9 ft	593 ft/min
175	.0105 WG.	14.3 ft	693 ft/min
200	.0160 WG	15.3 ft	841 ft/min
250	.0230 WG	16.0 ft	1031 ft/min
300	.0391 WG	17.2 ft	1201 ft/min
350	.0552 WG	17.9 ft	1315 ft/min



RS # (ref. #)
81908(MVASB) & 81828(GRASB) (6x6") Ak=.20

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0085 WG	2.1 ft	277 ft/min
75	.0185 WG	5.0 ft	373 ft/min
90	.0240 WG	7.9 ft	445 ft/min
110	.0375 WG	10.9 ft	550 ft/min
125	.0520 WG	13.3 ft	650 ft/min
150	.0730 WG	14.9 ft	771 ft/min
175	.1010 WG.	16.3 ft	899 ft/min
200	.1200 WG	17.5 ft	988 ft/min

Note: Supply diameter has no appreciable effect on characteristics or airflow specifications, but should be consistent with the desired airflow of the particular outlet and application. Instruments used in testing: • Shortridge Instruments Flowhood Series 8400 • Shortridge Instruments Air data Multimeter • Davis LCA-6000 Rotating Vane Anemometer

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

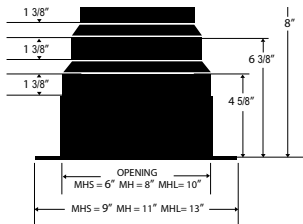
Other Related Products

Airtec®

TuffBox
REGISTER BOX

Air Diffusers

Quick rough-in polymer register box for HVAC systems.



**Adaptable.
Strong & Silent.
No measuring.
No guesswork.**

ORDERING INFORMATION

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81966 (MHS)	6x6" Register Box 4,5,6" collars	16	15 lbs.
81968 (MH)	8x8" Register Box 6,7,8" collars	10	12.2 lbs.
81970 (MHL)	10x10" Register Box 8,9,10" collars	8	12 lbs.

Our TuffBox is a heavy, one piece durable polymer shell. Molded design is virtually air-tight to deliver 100% of the air flow passing through it.

Each TuffBox utilizes innovative stepped design to accommodate three duct sizes. Quick breakaway collars allow on-site adjustment, and labor savings. Each collar is 1³/₈" and beaded to hold flexible duct in place while strap is secured.

⁵/₈" standoffs provide correct depth to accommodate strapping or furring used with drywall. Secure using screw holes provided or simply screw anywhere through the inside into framing. Flange is flexible to conform to drywall backing virtually eliminating leakage between grille and box.





Lineset Covers

**Fortress® Lineset
Ducting System**

**Slimduct® Lineset
Ducting System**





Lineset Covers

Professional grade ducting, protects and hides unsightly mini-split linesets in a snap!

Fortress: • Standard professional grade • Satin finish • More moderate price point

- 2 sizes. Duct & fittings are available in both 3 $\frac{1}{2}$ " or 4 $\frac{1}{2}$ "
- 4 colors. Choose white, ivory, brown or gray.
- 17 fittings. Assures complete flexibility of installation.
- 8' lengths. 6 lengths per box
- 6 fittings per box. Efficient ordering and inventory.
- 1 year warranty.



3-Step Installation



Step 1. Secure base



Step 2. Place lineset



Step 3. Clip on covers



Traditional Fortress

Application. Fortress® is perfect for minisplits, high velocity and conventional split air conditioning systems.

Strong. Fortress® ducting is extruded with our special formula rigid polyvinyl chloride, which is UV and weather resistant. The result is a long lasting quality product that will remain attractive and provide protection for many years.

Protective. Fortress® protects lineset, wiring and drain hose from weather, vandalism, pet and pest damage.

Easy to install. Fortress® installs quickly, and can be easily accessed for repairs or replacement of the lineset.

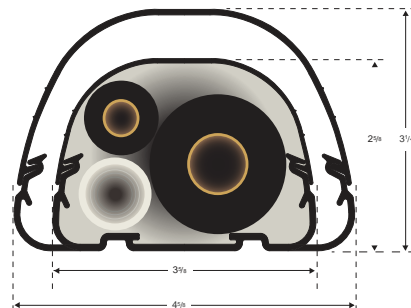
Stylish. Fortress® eliminates unsightly lineset used in a typical installation. Ducting is available in two lineset sizes and four neutral colors - white, ivory, brown and gray to compliment any residential or commercial building.

Paintable. Brush, spray or roller to match or compliment custom colors. Follow paint manufacturers recommendations for vinyl products.

Technical Information

Weather Resistance
Weather resistant PVC,
UV stabilized & fire resistant.
Tested to over 2,000 hours.

Temperature Range
-4°F to 140°F



Size Specifications

Choose duct size
LD92 or LD122

4 Colors for Residential & Commercial Applications



White



Ivory



Gray



Brown

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



FORTRESS®

Lineset Ducting System















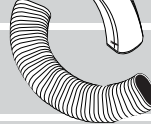


NEW!

Longer 8ft ducting minimizes joints and reduces waste.



Lineset Covers

Ordering Information

	MODEL	SIZE	DESCRIPTION	L	W	H
	LD92	3 1/2"	Ducting	96"	3 5/8"	2 5/8"
	LD122	4 1/2"	Ducting	96"	4 5/8"	3 1/4"
	LJ92	3 1/2"	Coupler	2 5/8"	3 7/8"	2 3/4"
	LJ122	4 1/2"	Coupler	2 5/8"	4 7/8"	3 1/2"
	LW92	3 1/2"	Wall Inlet	9"	4 3/8"	3 1/8"
	LW122	4 1/2"	Wall Inlet	9 3/4"	5 3/8"	4"
	LEN92	3 1/2"	End Fitting	4 1/4"	3 7/8"	2 3/4"
	LEN122	4 1/2"	End Fitting	4 1/4"	4 7/8"	3 1/2"
	LK92	3 1/2"	90° Flat Ell	5 3/4"	5 3/4"	2 3/4"
	LK122	4 1/2"	90° Flat Ell	6 1/4"	6 1/2"	3 1/2"
NEW! Above fittings now also available in LDK Kit pack (shown right)						
	LP92	3 1/2"	Soffit Inlet	3 1/2"	6"	4 7/8"
	LP122	4 1/2"	Soffit Inlet	3 1/2"	7"	5 1/2"
	LKF92	3 1/2"	45° Flat Ell	4 7/8"	4 7/8"	2 3/4"
	LKF122	4 1/2"	45° Flat Ell	6 1/2"	6 1/2"	3 1/2"
	LCI92	3 1/2"	90° Inside Vertical Ell	5 1/4"	5 1/4"	2 3/4"
	LCI122	4 1/2"	90° Inside Vertical Ell	5 1/4"	5 1/4"	3 1/2"
	LCO92	3 1/2"	90° Outside Vertical Ell	4 1/2"	4 1/2"	2 3/4"
	LCO122	4 1/2"	90° Outside Vertical Ell	5 1/4"	5 1/4"	3 1/2"
	LCF92	3 1/2"	45° Inside Vertical Ell	4 3/4"	3 7/8"	2 3/4"
	LCF122	4 1/2"	45° Inside Vertical Ell	6 1/4"	4 7/8"	3 1/2"
	LCFO92	3 1/2"	45° Outside Vertical Ell	4 5/8"	3 7/8"	2 3/4"
	LCFO122	4 1/2"	45° Outside Vertical Ell	5 1/4"	4 7/8"	3 1/2"
	LT92	3 1/2"	Tee	7 3/4"	5 3/4"	2 3/4"
	LT122	4 1/2"	Tee	7 3/4"	6 1/2"	3 1/2"
	LDR12292	3 1/2"-4 1/2"	Reducer	3"	4 7/8"	3 7/8"
	LKS92	3 1/2"	90° Sweep Ell	13"	13"	2 3/4"
	LKS122	4 1/2"	90° Sweep Ell	14"	14"	3 1/2"
	LF92	3 1/2"	Flexible Ell	40"	3 1/2"	2 1/2"
	LF122	4 1/2"	Flexible Ell	40"	4 1/2"	3 1/4"
	LFJ92	3 1/2"	Flexible Adaptor	3 1/8"	3 7/8"	2 3/4"
	LFJ122	4 1/2"	Flexible Adaptor	3 1/8"	4 7/8"	3 1/2"
	LWF92	3 1/2"	Wall Flange	5"	6"	2 1/8"
	LWF122	4 1/2"	Wall Flange	6 1/2"	7 3/4"	2 5/8"

WHITE		IVORY		BROWN		GRAY	
RS # (ref. #)	QTY	RS # (ref. #)	QTY	RS # (ref. #)	QTY	RS # (ref. #)	QTY
84004 (LD92W)	6	84024 (LD92I)	6	84064 (LD92B)	6	84044 (LD92G)	6
84104 (LD122W)	6	84124 (LD122I)	6	84164 (LD122B)	6	84144 (LD122G)	6
84010 (LJ92W)	6	84030 (LJ92I)	6	84270 (LJ92B)	1	84250 (LJ92G)	1
84110 (LJ122W)	6	84130 (LJ122I)	6	84370 (LJ122B)	1	84350 (LJ122G)	1
84016 (LW92W)	6	84036 (LW92I)	6	84276 (LW92B)	1	84256 (LW92G)	1
84116 (LW122W)	6	84136 (LW122I)	6	84376 (LW122B)	1	84356 (LW122G)	1
84007 (LEN92W)	6	84027 (LEN92I)	6	84267 (LEN92B)	1	84247 (LEN92G)	1
84107 (LEN122W)	6	84127 (LEN122I)	6	84367 (LEN122B)	1	84347 (LEN122G)	1
84011 (LK92W)	6	84031 (LK92I)	6	84271 (LK92B)	1	84251 (LK92G)	1
84111 (LK122W)	6	84131 (LK122I)	6	84371 (LK122B)	1	84351 (LK122G)	1
84014 (LP92W)	6	84034 (LP92I)	6	84274 (LP92B)	1	84254 (LP92G)	1
84114 (LP122W)	6	84134 (LP122I)	6	84374 (LP122B)	1	84354 (LP122G)	1
84012 (LKF92W)	6	84032 (LKF92I)	6	84272 (LKF92B)	1	84252 (LKF92G)	1
84112 (LKF122W)	6	84132 (LKF122I)	6	84372 (LKF122B)	1	84352 (LKF122G)	1
84002 (LCI92W)	6	84022 (LCI92I)	6	84262 (LCI92B)	1	84242 (LCI92G)	1
84102 (LCI122W)	6	84122 (LCI122I)	6	84162 (LCI122B)	1	84142 (LCI122G)	1
84003 (LCO92W)	6	84023 (LCO92I)	6	84263 (LCO92B)	1	84243 (LCO92G)	1
84103 (LCO122W)	6	84123 (LCO122I)	6	84363 (LCO122B)	1	84343 (LCO122G)	1
84000 (LCFI92W)	6	84020 (LCFI92I)	6	84260 (LCFI92B)	1	84240 (LCFI92G)	1
84100 (LCFI122W)	6	84120 (LCFI122I)	6	84360 (LCFI122B)	1	84340 (LCFI122G)	1
84001 (LCFO92W)	6	84021 (LCFO92I)	6	84261 (LCFO92B)	1	84241 (LCFO92G)	1
84101 (LCFO122W)	6	84121 (LCFO122I)	6	84361 (LCFO122B)	1	84341 (LCFO122G)	1
84015 (LT92W)	6	84035 (LT92I)	6	84275 (LT92B)	1	84255 (LT92G)	1
84115 (LT122W)	6	84135 (LT122I)	6	84375 (LT122B)	1	84355 (LT122G)	1
84106 (LDR12292W)	6	84126 (LDR12292I)	6	84366 (LDR12292B)	1	84346 (LDR12292G)	1
84013 (LKS92W)	6	84033 (LKS92I)	6	84273 (LKS92B)	1	84253 (LKS92G)	1
84113 (LKS122W)	6	84133 (LKS122I)	6	84373 (LKS122B)	1	84353 (LKS122G)	1
84008 (LF92W)	6	84028 (LF92I)	6	84268 (LF92B)	1	84248 (LF92G)	1
84108 (LF122W)	6	84128 (LF122I)	6	84368 (LF122B)	1	84348 (LF122G)	1
84009 (LFJ92W)	6	84029 (LFJ92I)	6	84269 (LFJ92B)	1	84249 (LFJ92G)	1
84109 (LFJ122W)	6	84129 (LFJ122I)	6	84369 (LFJ122B)	1	84349 (LFJ122G)	1
84017 (LWF92W)	6	84037 (LWF92I)	6	84277 (LWF92B)	1	84257 (LWF92G)	1
84117 (LWF122W)	6	84137 (LWF122I)	6	84377 (LWF122B)	1	84357 (LWF122G)	1

NEW!

12' Wall Duct Kit
Kit includes 12' of duct and fittings for a standard installation.
Available in white or ivory only.



LDK Kit includes:

- LD - Ducting 4' Long (3)
- LJ - Couplers (2)
- LW - Wall Inlet (1)
- LEN - End Fitting (1)
- LK- 90° Flat Ell (1)

Order:

- 84005 (LDK92W)** - White 3 1/2
- 84105 (LDK122W)** - White 4 1/2
- 84025 (LDK92I)** - Ivory 3 1/2
- 84125 (LDK122I)** - Ivory 4 1/2



NEW!

Ducting and fittings packaged 6 per box helps minimize inventory.

SLIMDUCT®

Lineset Ducting System

Lineset Covers

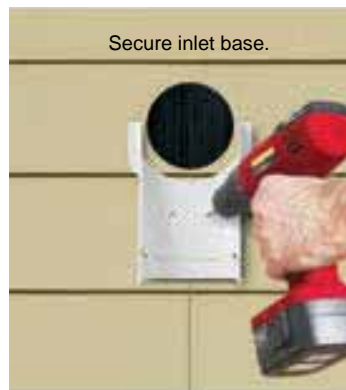
Attractive lineset ducting system for the professional installer.

SlimDuct: • Heavy weight professional grade • Gloss finish

- 3 sizes. 3³/₄", 4¹/₂" and 5¹/₂"
- 3 colors. Choose white, ivory, or brown.
- 15 fittings. Assures complete flexibility of installation
- 78" lengths. 5 lengths per box
- 10 fittings per box.
- 1 year warranty.



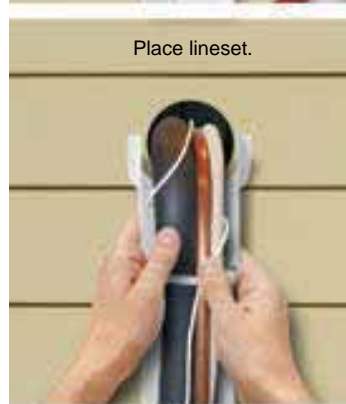
Quick Installation



Secure inlet base.



Secure duct base.



Place lineset.



Snap on covers.

Application. Slimduct® is perfect for minisplits, high velocity and conventional ducted split air conditioning systems.

Strong. Slimduct® ducting is extruded with our special formula rigid polyvinyl chloride. Slimduct is UV, weather & fire resistant, with a temperature range from -4°F to 140°F. The result is a long lasting quality product that will remain attractive and provide protection for many years.

Protective. Slimduct® protects lineset, wiring and drain hose from weather, vandalism, pet and pest damage.

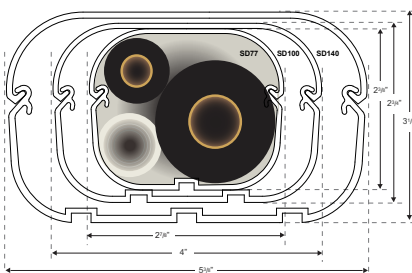
Easy to install. Slimduct® installs quickly, and can be easily accessed for repairs or replacement of the lineset.

Stylish. Slimduct® offers three duct sizes. Each size is available in three neutral colors - white, ivory, and brown. Slimduct colors are designed to compliment any natural stone, brick, wood, stucco, vinyl or painted facade, and can be used for both residential or commercial installations.

Technical Information

Weather Resistance
Weather resistant PVC, UV stabilized & fire resistant. Tested to over 2,000 hours.

Temperature Range
-4°F to 140°F



Size Specifications

Choose duct size
SD77 or SD100.

3 Colors for Residential & Commercial Applications



White



Ivory



Brown

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

SLIMDUCT is a registered trademark of Inaba Denki Sangyo Co.

SLIMDUCT®

Lineset Ducting System

Lineset Covers

Ordering Information



	MODEL	SIZE	DESCRIPTION
	SD77 SD100 SD140	2 3/4 3 3/4 5 1/2	Ducting Ducting Ducting
	SJ77 SJ100 SJ140	2 3/4 3 3/4 5 1/2	Coupler Coupler Coupler
	SW77 SW100 SW140	2 3/4 3 3/4 5 1/2	Wall Inlet Wall Inlet Wall Inlet
	SP77 SP100 SP140	2 3/4 3 3/4 5 1/2	Soffit Inlet Soffit Inlet Soffit Inlet
	SEN77 SEN100 SEN140	2 3/4 3 3/4 5 1/2	End Fitting End Fitting End Fitting
	SK77 SK100 SK140	2 3/4 3 3/4 5 1/2	90° Flat EII 90° Flat EII 90° Flat EII
	SKF77 SKF100 SKF140	2 3/4 3 3/4 5 1/2	45° Flat EII 45° Flat EII 45° Flat EII
	SC77 SC100 SC140	2 3/4 3 3/4 5 1/2	90° Vertical EII 90° Vertical EII 90° Vertical EII
	SCF77 SCF100 SCF140	2 3/4 3 3/4 5 1/2	45° Vertical EII 45° Vertical EII 45° Vertical EII
	ST77 ST100 ST140	2 3/4 3 3/4 5 1/2	Tee Tee Tee
	SDR10077 SDR140100	3 3/4-2 3/4 5 1/2-3 3/4	Reducer Reducer
	SJA100 SJA140	3 3/4 5 1/2	Rear Entry Coupler Rear Entry Coupler
	SIF77 SIF100	2 3/4 3 3/4	2" Fixed Offset 2" Fixed Offset
	SF77500 SF771000 SF100800 SF140800	2 3/4 2 3/4 3 3/4 5 1/2	Flexible EII 20" Flexible EII 31" Flexible EII 31" Flexible EII 39"
	SFJ77 SFJ100	2 3/4 3 3/4	Flexible Adaptor Flexible Adaptor
	SFS77 SFS100 SFS140	2 3/4 3 3/4 5 1/2	Flexible EII Saddle Flexible EII Saddle Flexible EII Saddle

L	W	H	WHITE RS # (ref. #)	QTY	IVORY RS # (ref. #)	QTY	BROWN RS # (ref. #)	QTY
78"	27/8"	23/8"	85004 (SD77W)	5	85024 (SD77I)	5	85064 (SD77B)	5
78"	4"	23/4"	85104 (SD100W)	5	85124 (SD100I)	5	85164 (SD100B)	5
78"	53/8"	31/4"	85204 (SD140W)	5	85224 (SD140I)	5	85264 (SD140B)	5
2"	33/8"	25/8"	86010 (SJ77W)	10	86030 (SJ77I)	10	85370 (SJ77B)	1
21/2"	41/4"	3"	86110 (SJ100W)	10	86130 (SJ100I)	10	85470 (SJ100B)	1
31/2"	53/4"	33/8"	86210 (SJ140W)	10	86230 (SJ140I)	10	85570 (SJ140B)	1
8"	43/8"	3"	86016 (SW77W)	10	86036 (SW77I)	10	85376 (SW77B)	1
83/4"	5"	33/8"	86116 (SW100W)	10	86136 (SW100I)	10	85476 (SW100B)	1
11"	61/2"	37/8"	85216 (SW140W)	5	85236 (SW140I)	5	85576 (SW140B)	1
51/8"	43/8"	51/8"	85014 (SP77W)	20	85034 (SP77I)	20	85374 (SP77B)	1
53/8"	53/8"	53/8"	86114 (SP100W)	10	86134 (SP100I)	10	85474 (SP100B)	1
53/4"	67/8"	53/4"	85214 (SP140W)	5	85234 (SP140I)	5	85574 (SP140B)	1
13/4"	31/4"	25/8"	86007 (SEN77W)	10	86027 (SEN77I)	10	85367 (SEN77B)	1
41/2"	41/4"	3"	86107 (SEN100W)	10	86127 (SEN100I)	10	85467 (SEN100B)	1
6"	53/4"	33/8"	86207 (SEN140W)	10	86227 (SEN140I)	10	85567 (SEN140B)	1
5"	25/8"	5"	86011 (SK77W)	10	86031 (SK77I)	10	85371 (SK77B)	1
6"	3"	6"	86111 (SK100W)	10	86131 (SK100I)	10	85471 (SK100B)	1
71/2"	33/8"	71/2"	85211 (SK140W)	5	85231 (SK140I)	5	85571 (SK140B)	1
41/2"	31/4"	25/8"	85012 (SKF77W)	20	85032 (SKF77I)	20	85372 (SKF77B)	1
51/4"	41/4"	3"	86112 (SKF100W)	10	86132 (SKF100I)	10	85472 (SKF100B)	1
61/4"	53/4"	33/8"	85212 (SKF140W)	5	85232 (SKF140I)	5	85572 (SKF140B)	1
4"	31/4"	4"	86002 (SC77W)	10	86022 (SC77I)	10	85362 (SC77B)	1
45/8"	41/4"	45/8"	86102 (SC100W)	10	86122 (SC100I)	10	85462 (SC100B)	1
5"	53/4"	5"	85202 (SC140W)	5	85222 (SC140I)	5	85562 (SC140B)	1
41/8"	31/4"	25/8"	85000 (SCF77W)	20	85020 (SCF77I)	20	85360 (SCF77B)	1
43/8"	41/4"	3"	86100 (SCF100W)	10	86120 (SCF100I)	10	85460 (SCF100B)	1
45/8"	53/4"	33/8"	85200 (SCF140W)	5	85220 (SCF140I)	5	85560 (SCF140B)	1
61/2"	47/8"	25/8"	86015 (ST77W)	10	86035 (ST77I)	10	85375 (ST77B)	1
77/8"	6"	3"	86115 (ST100W)	10	86135 (ST100I)	10	85475 (ST100B)	1
97/8"	77/8"	31/2"	85215 (ST140W)	5	85235 (ST140I)	5	85575 (ST140B)	1
21/2"	41/4"	3"	85106 (SDR10077W)	20	85126 (SDR10077I)	20	85466 (SDR10077B)	1
4"	53/4"	33/8"	82606 (SDR140100W)	10	86226 (SDR140100I)	10	85566 (SDR140100B)	1
57/8"	41/4"	3"	85119 (SJA100W)	20	85139 (SJA100I)	20	85479 (SJA100B)	1
63/8"	55/8"	31/4"	86219 (SJA140W)	10	86239 (SJA140I)	10	85579 (SJA140B)	1
71/8"	31/4"	31/4"	86018 (SIF77W)	10	86038 (SIF77I)	10	85378 (SIF77B)	1
71/8"	41/4"	41/4"	86118 (SIF100W)	10	86138 (SIF100I)	10	85478 (SIF100B)	1
191/2"	3"	21/2"	85008 (SF77500W)	20	85028 (SF77500I)	20	85368 (SF77500B)	1
23/4"	3"	21/2"	N/A		85188 (SF771000I)	20	N/A	
311/2"	4"	23/4"	86108 (SF100800W)	10	86128 (SF100800I)	10	85468 (SF100800B)	1
311/2"	53/4"	33/8"	85208 (SF140800W)	5	85228 (SF140800I)	5	85568 (SF140800B)	1
13/8"	31/4"	21/2"	85009 (SFJ77W)	20	85029 (SFJ77I)	20	85369 (SFJ77B)	1
11/2"	41/4"	3"	85109 (SFJ100W)	20	85129 (SFJ100I)	20	85469 (SFJ100B)	1
13/8"	31/4"	21/2"	Stainless Steel:		86001 (SFS77)	10		
11/2"	41/4"	3"			86101 (SFS100)	10		
11/2"	41/4"	3"			86201 (SFS140)	10		

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

NOVENT® Locking Refrigerant Caps

Dual protection One simple screw-on installation.



ORDERING INFORMATION

Pink R410 Cap 1/4" Thread
RS # (ref. #)

86682 (NP-R410) 2PK 2 cap blister pack

86681 (NP-R410) 10PK 10 cap blister pack

86683 (NP-R410) 50PK 50 cap blister pack

Green R22 Cap 1/4" Thread
RS # (ref. #)

86662 (NG-R22) 2PK 2 cap blister pack

86661 (NG-R22) 10PK 10 cap blister pack

86663 (NG-R22) 50PK 50 cap box

Euro Pink R410 cap 5/16" Thread
RS # (ref. #)

86672 (NPE-R410) 2PK 2 cap blister pack

86671 (NPE-R410) 10PK 10 cap blister pack

86673 (NPE-R410) 50PK 50 cap box

Silver Cap - any gas 1/4" Thread
RS # (ref. #)

86692 (NS-UNI) 2PK 2 cap blister pack

86691 (NS-UNI) 10PK 10 cap blister pack

86693 (NS-UNI) 50PK 50 cap box

Starter Pack assortments
RS # (ref. #)

86668 (NG-STARTPAK) (3) R22, (3) R410 caps & (1) Multi key

86680 (NP-STARTPAK) (6) R410 caps & (1) Multi key

86690 (NS-STARTPAK) (6) UNI caps & (1) Multi key

Multikey unlocks all caps
RS # (ref. #)

86698 (NV MULTI-KEY) 20PK 1 Multi key blister pack

Screwdriver key unlocks Pink & Euro Pink caps
RS # (ref. #)

86688 (NP-R410 SDT) 20PK 1 screwdriver

Screwdriver key unlocks Green & Silver caps
RS # (ref. #)

86660 (NG-R22-SDT) 20PK 1 screwdriver

Caps available in blister packs
of 2 or 10 & box of 50.

NOVENT® products are available only to licensed refrigerant technicians and authorized personnel. They are distributed exclusively through HVACR distributors worldwide.

NOVENT® is a registered trademark of Novent cap, LLC.



NOVENT® locking caps seal standard Schraeder service valves on all central AC units and minisplits to help prevent refrigerant leakage. Novent provides dual protection with a single screw-on installation. Safe guard your AC system's efficiency and the environment from lost or accidental mixing of refrigerant gases. Help protect children from serious injury or death resulting from the inhalation of dangerous refrigerants.

Patented Novent Caps are precision machined from high grade brass surrounded by a protective aluminum shroud and can only be installed and removed with a special tool.

- **Integral neoprene O-ring resists oils & sealants.**
- **Integral torque limiter prevents overtightening.**
- **Resists crushing & removal without key.**
- **Corrosion resistant.**
- **Selection of installation tools available.**

SILVER universal caps are used for commonly used refrigerants.

R22 & R410 color coded caps and embossed ID prevent refrigerant gas mixing.

It's in the Code

Effective February 2009 the International Mechanical Code and International Residential Code now require that all outdoor access ports on AC Refrigerant circuits be made tamper resistant.

International Mechanical Code 1101.10 - Locking access port caps. "Refrigerant circuit access ports located outdoors shall be fitted with locking-type tamper resistant caps."

International Residential Code M1411.6 - Locking access port caps. "Refrigerant circuit access ports located outdoors shall be fitted with locking-type tamper resistant caps."



Screwdriver Key
Pink & Euro

Screwdriver Key
Green & Silver

Multikey

RECTORSEAL

Quality Assurance

CELEBRATING
75
YEARS
1937 - 2012



RectorSeal understands the importance of delivering high quality consistent products to customers on a daily basis. Whether you are using our ASTM tested fluxes, NSF certified solvent cements, or UL listed Firestopping caulks, be assured each product has passed strict standards of quality and performance.

Our Quality Assurance Team covers each and every aspect of the manufacturing process: from the initial inspection of raw materials, to on-site monitoring throughout production and onto the rigorous final inspection.

RectorSeal's state of the art laboratory, quality assurance technicians utilize a wide range of instruments to provide high quality products consistently.



You can depend on RectorSeal's expertise & 75 years of manufacturing experience. Our goal is to ensure that every time you use our products, they work.





RECTORSEAL

Equipment Mounting

Big Foot® Mounting

Frame Supports

**RectorSeal®
Universal Brackets**

Risers





BIG FOOT SYSTEMS®

Equipment Mounting

Heavy duty framework systems for flat roof equipment mounting.



The Advantage of Big Foot Systems.

The industry standard

Big Foot Systems sets the industry standard for free standing flat roof equipment mounting of air conditioning, refrigeration and other associated services.

The system is modular and completely flexible. There are no limits to what can be supported with a Big Foot System. Mounting is strong, secure, flexible, vibration absorbing, and leak proof. Installation is quick, clean, practical and aesthetically pleasing. Our free-standing design makes roofing repairs simpler and resurfacing less costly.

Removable legs

Big Foot system legs can be removed individually. Costly removal of equipment is unnecessary when re-roofing or resurfacing.

Optimum weight distribution

The Big Foot base is designed to transfer weight beyond the center stress point.

Optimum strength and longevity

The Big Foot base is made of glass filled Nylon with UV protection. Frameworks are hot dip galvanized for all weather protection.

Quiet durability

An independent anti-vibration mat is provided for each foot.

Quick on-site leveling

The legs allow for vertical height adjustment to permit easy leveling. A stepped roof option is available.

Reduced risk of roof leaks

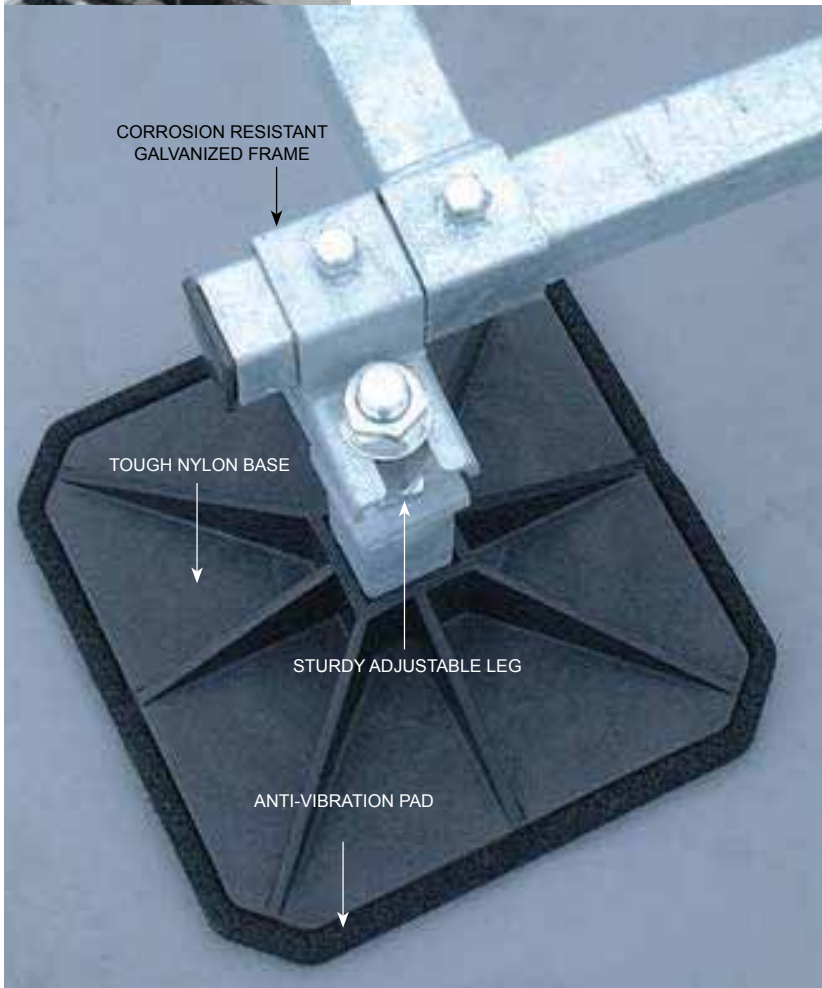
The Big Foot System does not penetrate the waterproof membrane, eliminating difficult flashing around concrete structures. The roofing system warranty is never compromised.

Architecturally friendly

Big Foot clean contemporary framework suspends roofing equipment above the roof surface, allowing for a simpler, more flexible roof design.

Custom Frameworks

For larger, more complex projects, Big Foot offers custom frame design service. Contact RectorSeal 1-800-231-3345





Equipment Mounting Standard Frameworks



All standard Big Foot Systems include:

- Galvanized frameworks for all weather protection
- Adjustable leg height for easy leveling
- Glass filled nylon bases for strong support and optimum weight distribution
- Anti-vibration mats for firmer, quieter operation
- Galvanized clamps for equipment lock-down

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

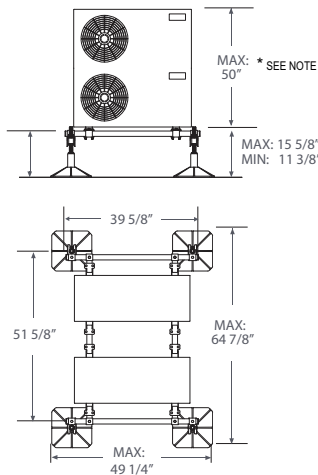
Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



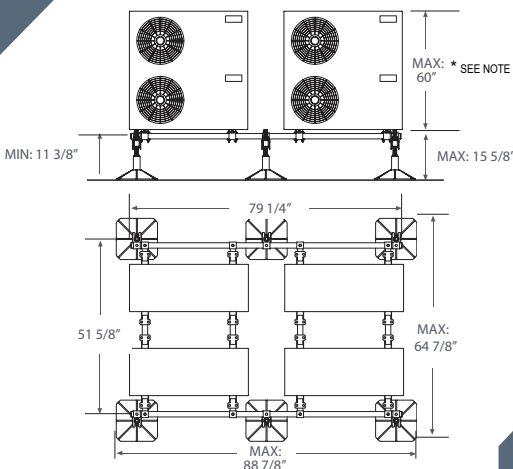
SYSTEM COMPONENTS

- (2) Plain Bars 15/8" x 39 5/8"
- (2) Cross Bars 15/8" x 46 7/8"
- (4) Leg Assemblies with AV Mats 12" x 12"
- (2) Clamp Kits



40" System Framework

RS #	STYLE	WT LBS
87701	(RES4840)	93



SYSTEM COMPONENTS

- (2) Plain Bars 15/8" x 79 1/4"
- (4) Cross Bars 15/8" x 46 7/8"
- (6) Leg Assemblies with AV Mats 12" x 12"
- (4) Clamp Kits



80" System Framework

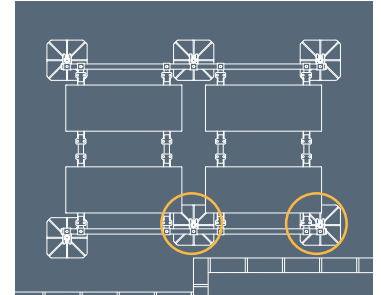
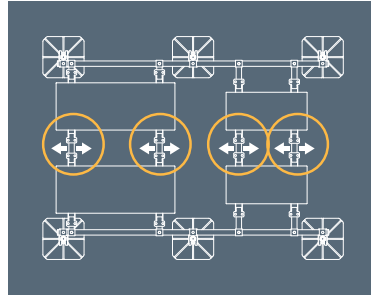
RS #	STYLE	WT LBS
87702	(RES4880)	154

Big Foot is a registered trademark of Aspen Pumps Limited Company UK *NOTE: For condensers higher than 60" please consult RectorSeal.
Big Foot Systems is a registered trademark of Aspen Pumps Limited Company UK Additional individual parts available.



BIG FOOT
SYSTEMS®

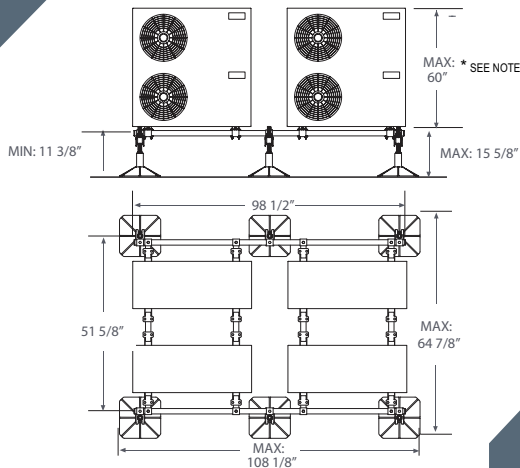
Equipment Mounting Standard Frameworks



Equipment Clamps are moveable and located on both sides of the cross-bars. Clamps lock down onto the feet of the equipment units as they are tightened.

Linear Adjustment The cross bars supporting the equipment unit can slide along the end bars into position required, then be locked in place.

Leg Assembly Positioning The leg assembly is typically positioned outside the frame work, but can be placed inside the framework to avoid an obstruction.



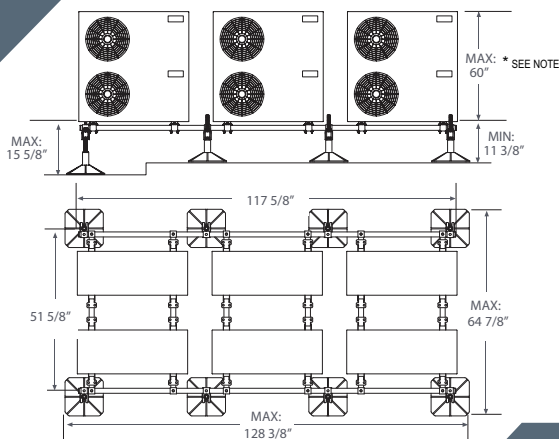
SYSTEM COMPONENTS

- (2) Plain Bars 15/8" x 98 1/4"
- (4) Cross Bars 15/8" x 46 7/8"
- (6) Leg Assemblies with AV Mats 12" x 12"
- (4) Clamp Kits



100'' System Framework

RS #	STYLE	WT LBS
87703	(RES48100)	157



SYSTEM COMPONENTS

- (2) Plain Bars 15/8" x 117 5/8"
- (4) Cross Bars 15/8" x 46 7/8"
- (8) Leg Assemblies with AV Mats 12" x 12"
- (6) Clamp Kits



120'' System Framework

RS #	STYLE	WT LBS
87704	(RES48120)	214

Big Foot is a registered trademark of Aspen Pumps Limited Company UK *NOTE: For condensers higher than 60" please consult RectorSeal.
Big Foot Systems is a registered trademark of Aspen Pumps Limited Company UK Additional individual parts available.



BIG FOOT SYSTEMS®

Frame Supports



Frame Supports are ideal for constructing your own support system on rooftops, floors or slabs.

Frame Supports provide the base and essential hardware. This system can then be used for piping, tray systems, or ductwork. The bases include crumb rubber mats to cushion and protect the roof or other surface. Framework must be cut and fit onsite using readily available 1 5/8" strut and threaded rod (not included).



87711	87712
H = 3 3/4"	H = 3 7/8"
W = 7"	W = 8 1/2"
L = 15 3/4"	L = 23 5/8"



87713	87714
H = 3 3/4"	H = 4 3/4"
W = 13 1/4"	W = 19"
L = 13 1/4"	L = 19"

RS # (ref. #)	DESCRIPTION	WT LBS.
87711 (RPS16)	MULTI FOOT 16"	2.3
87712 (RPS24)	MULTI FOOT 24"	4.2

Multi Foot can accept both 1/2" coarse threaded rod OR 1 5/8" strut (not included) Installer must provide rod or strut for custom on-site fabrication. Ideal for smaller systems.

Sold individually.



Materials: Rubber/PVC

Multi Foot kit includes:
1 foot, 1 anti-vibration mat

Max weight capacity:

RPS16 - 170 lbs
RPS24 - 312 lbs

RS # (ref. #)	DESCRIPTION	WT LBS.
87713 (RSPD12)	H-FRAME KIT 12"	14.5
87714 (RSPD18)	H-FRAME KIT 18"	28.5

H-Frame Kits accepts a standard 1 5/8" strut (not included) that fits securely into pockets provided in the foot. Any frame shape can then be built up for sturdy support. UV mats provide insulation from vibration, creeping and noise.

Sold in pairs.



Materials: Rubber/PVC

H-Frame Kit includes:
2 feet, 2 AV mats, 2 strut inserts
2 L-Brackets, 4 M10 Bolts, 4 channel nuts

Max weight capacity:

RPSD12 - 200 lbs (per pair)
RPSD18 - 330 lbs (per pair)

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



Mini-Split Condenser Universal Mounting Brackets

Brackets are ideal for a variety of mounting locations, and offer strong, secure support for condensers and other equipment needing specialized support. All of our brackets are partially assembled heavy duty steel construction with a selection of weatherable surface finishes. They also have adjustable anti-vibration mounts and include all hardware for a typical installation.

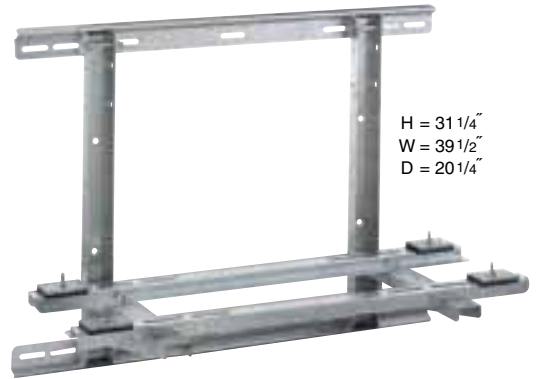


RS # (ref. #)	DESCRIPTION	WT LBS.
87733 (WBB300)	WALL BRACKET	11
87734 (WBB300SS)	WALL BRACKET	14
87735 (WBB500)	WALL BRACKET	14

Sliding cross bar gives this bracket an exceptional equipment width range. Available in stainless steel Includes level for convenience.

Finish:
WBB300 - Powdercoat
WBB300SS - Stainless
WBB500 - Powdercoat

Min/Max mounting width: 9 3/4" - 30"
Min/Max mounting depth: 10 1/2" - 16"
Max load capacity:
WBB300/WBB300SS - 300 lbs
WBB500 - 500 lbs



RS # (ref. #)	DESCRIPTION	WT LBS.
87732 (PCK30)	WALL BRACKET	30

This bracket offers a galvanized finish along with extra integral cross bracing for the ultimate in stability.

Finish: Galvanized
Min/Max mounting width: 15 3/4" - 35 1/4"
Min/Max mounting depth: 9 3/4" - 15"
Max load capacity: 330 lbs



RS # (ref. #)	DESCRIPTION	WT LBS.
87731 (CBZG)	UNDER WINDOW BRACKET	9

Having a top cross bar allows this bracket to be installed under a window or other obstacle. Ideal for window type air conditioner support.

Finish: Galvanized
Min/Max mounting width: 11 3/4" - 27 1/2"
Min/Max mounting depth: 6 1/4" - 13"
Max load capacity: 176 lbs





Universal Brackets



H = 28 1/2"
W = 31 1/2"
D = 20"

RS # (ref. #)	DESCRIPTION	WT LBS.
87742 (CDF)	HANGER BRACKET	12

Permits condenser to be supported under a slab, overhang or structural member.



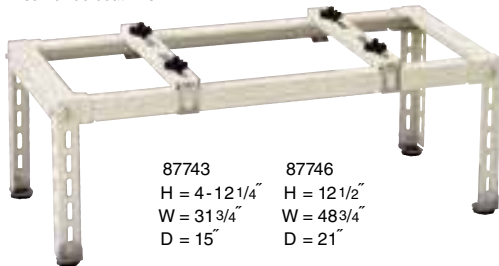
Finish: Powdercoat

Min/Max mounting width: 12" - 28"

Min/Max mounting depth: 6" - 13"

Max weight capacity: 132 lbs

Also Powdercoat finish.



87743	87746
H = 4-12 1/4"	H = 12 1/2"
W = 31 3/4"	W = 48 3/4"
D = 15"	D = 21"

RS # (ref. #)	DESCRIPTION	WT LBS.
87743 (CNG)	SLAB STAND	11

87746 (PCNG63)	SLAB STAND	32
-----------------------	------------	----

Raises condenser up above a flat surface. Each leg is independently adjustable for uneven surfaces. Anti-slip rubber feet.



Finish: 87743 - Powdercoat 87746 - Galvanized

Min/Max mounting width:

87743 - 11 3/4" - 27 1/2" 87746 - 28 3/4" - 38 1/2"

Min/Max mounting depth:

87743 - 6 1/4" - 13 1/4" 87746 - 23 1/4" - 30 1/4"

Max weight capacity:

87743 - 176 lbs 87746 - 440 lbs



87741
H = 36 1/4"
W = 15 1/2"
D = 32"

87744
H = 36 1/4"
W = 17"
D = 36"

RS # (ref. #)	DESCRIPTION	WT LBS.
87741 (CBYW3)	DUPLEX STAND	24

87744 (CWGL)	DUPLEX STAND	24
---------------------	--------------	----

Securely mounts two condenser units, one above the other. Includes anti-slip rubber feet.



Finish: Powdercoat

Min/Max mounting width:

CBYW3 - 11 7/8" - 27 1/2" CWGL - 15 3/4" - 31 1/2"

Min/Max mounting depth:

CBYW3 - 6 1/4" - 13 3/8" CWGL - 7 7/8" - 15"

Max weight capacity:

CBYW3 - 76 lbs x 2 CWGL - 176 lbs x 2



H = 22"
W = 39 1/2"
D = 22"

RS # (ref. #)	DESCRIPTION	WT LBS.
87745 (WRB250)	SLOPE STAND	13

Adjustable bracket follows roof slope up to 45 degrees or 12 inch pitch providing a level mounting surface. Includes level.



Finish: Powdercoat

Min/Max mounting width: 6" - 35"

Min/Max mounting depth: 10" - 19"

Max weight capacity: 250 lbs

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

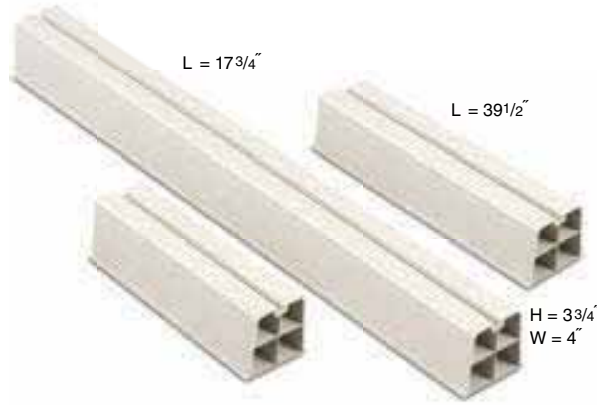


Risers



Mini-Split Condenser Risers

Riser are ideal for simple and secure mounting of small and large piping systems, ductwork runs, cable trays, and smaller equipment such as condensers. Manufactured from exterior grade materials and offering a fully adjustable mounting track.
Not recommended for large equipment.



RS # (ref. #)	DESCRIPTION	WT LBS.
87761 (PR-351N-I)	POLYMER RISER 14" (20)	29
87762 (PR-351N-M)	POLYMER RISER 18" (20)	41
87763 (PR-351N-L)	POLYMER RISER 39" (4)	16
87760 (PRC-351N)	END CAPS (1 pair)	7

Our Polymer Risers are light, durable, and weather resistant. Linear track holds 3/8" hex head bolts - two 7/8" long bolts included. End caps available.



Material: PVC
Max weight capacity:
PR-351N-I - 308 lbs
PR-351N-M - 397 lbs
PR-351N-L - 880 lbs



RS # (ref. #)	DESCRIPTION	WT LBS.
87772 (RMB10L)	FIX-IT-FOOT LOW 10"	2.3
87774 (RMB16L)	FIX-IT-FOOT LOW 16"	3.7

Low Profile Rubber Risers offer significant vibration isolation, and are ideal for rooftop support of equipment and systems. Aluminum linear track permits the use of standard strut hardware (not included). Underside has recessed area to permit easy leveling.



Materials: Recycled Crumb Rubber/Aluminum
Max weight capacity:
RMB10L - 110 lbs RMB16L - 220 lbs



RS # (ref. #)	DESCRIPTION	WT LBS.
87771 (RMB10)	FIX-IT-FOOT 10"	4.2
87773 (RMB16)	FIX-IT-FOOT 16"	7.5
87775 (RMB24)	FIX-IT-FOOT 24"	16

Similar to the low profile model, these risers have additional vibration isolation due to their increased height. Their extra weight will increase stability. Aluminum channel accepts standard unistrut hardware.



Max weight capacity:
RMB10 - 220 lbs RMB16 - 440 lbs RMB24 - 660 lbs



Speciality Chemicals

Thread Sealants

Solvent Cements

Soldering Fluxes

Metacaulk® Firestop



RECTORSEAL

Thread Sealants

The finest thread sealants in the industry formulated by our highly-skilled chemists.



RectorSeal No. 5®

Multi-purpose pipe thread sealant

Code	Description	Qty.
25790	1-¾ oz.	24
25631	¼ pt.	24
25551	½ pt.	24
25431	1 pt.	12
25300	1 qt.	12
25271	1 gal.	4
25191	5 gal.	1
25112	55 gal.	1

Application • Lubricates and protects threaded pipe and fittings • Can be pressurized immediately up to 100 psi for piping up to 2" diameter • Ideal for a wide variety of fluids and gases including potable water

Recommended for • Galvanized Steel • Iron • Brass • Copper • Aluminum • Stainless Steel • Polyethylene • RTRP • PVC

FEATURES

- Soft set / Slow drying
- Lead free
- Smooth application
- 2 year shelf life
- Certified to NSF/ANSI 61-G



Also available in 55 gal. container.

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

RectorSeal T plus 2®

PTFE enriched pipe thread sealant

Code	Description	Qty.
23710	1-¾ oz.	24
23631	¼ pt.	24
23551	½ pt.	24
23431	1 pt.	12
23391	1 qt.	12
23271	1 gal.	4
23191	5 gal.	1
23112	55 gal.	1



FEATURES

- Non-setting
- Lead free
- 2 year shelf life
- Certified to NSF/ANSI 61-G

Application • Contains PTFE & synthetic fibers for superior performance • Can be pressurized immediately following application

Recommended for • Galvanized Steel • Iron
 • Brass • Copper
 • Aluminum • Stainless Steel
 • Polyethylene • RTRP
 • PVC • CPVC • ABS



Also available in 55 gal. container.

RectorSeal Tru-Blu™

Vibration resistant pipe thread sealant

Code	Description	Qty.
31780	1-¾ oz.	24
31631	¼ pt.	24
31551	½ pt.	24
31431	1 pt.	12
31300	1 qt.	12



FILE NO. 1282

FEATURES

- Fast drying / Flexible set
- Contains PTFE
- Lead free
- 2 year shelf life
- Certified to NSF/ANSI 61-G

Application • For high vibration environments such as refrigeration and industrial applications • Designed for sealing vibration prone NPT connections

Recommended for • Galvanized Steel • Iron
 • Brass • Copper • Aluminum
 • Stainless Steel • PVC • Polyethylene
 • Reinforced fiberglass



*FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

**FBC®, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Solvent Cements & Soldering Fluxes



Jim™ PR-1L

Purple - hi-etch primer

Code	Description	Qty.
55910	¼ pt.	24
55912	½ pt.	24
55914	1 pt.	12
55918	1 qt.	12
55920	1 gal.	4



FILE NO. 4585

FEATURES

- Fast acting
- Superior bonding
- LEED compliant
- 2 year shelf life
- Low-VOC
- Meets ASTM F656 specs

Application • Prepares surfaces for superior bonding strength • For use on PVC and CPVC pipe, tubing and socket-type fittings in both schedule 40 and schedule 80

Recommended for

- Potable water • Pressure pipe
- Gas • Conduit • Sewers
- DWV systems



Gene™ 404L

Clear - regular body PVC solvent cement

Code	Description	Qty.
55901	¼ pt.	24
55902	½ pt.	24
55904	1 pt.	12
55906	1 qt.	12
55908	1 gal.	4



FILE NO. 1796

FEATURES

- Fast setting formula
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564 & D3138 specs

Application • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784 • ABS to PVC non-pressured transition joints • Schedule 40 up to 2" pressure; up to 4" non-pressure pipe (DWV)

Recommended for

- Potable water
- Pressure pipe • Gas
- Conduit • Sewers
- DWV systems



Nokorode® Regular

Multi-purpose paste flux

Code	Description	Qty.
14000	1.7 oz.	48
14010	4 oz.	24
14020	8 oz. tool box	24
14030	1 lb.	12



FEATURES

- Lead Free
- Cleans & fluxes all at one time
- Safe for potable water systems
- Certified to NSF/ANSI 61-G
- Meets O-F-506 Type 1A & A-A-51145, MIL-F-4995-2 specs

Application • All purpose, soft soldering paste flux with a special oil base that protects the solder against corrosive attack

- Non-aggressive formula. Ideal for copper and brass fittings

Recommended for

- All solder alloys including 95/5 and lead free



Rectorshield™

Heat absorption paste

Code	Description	Qty.
83554	11 oz. tube	24

FEATURES

- Biodegradable
- Odorless

Application • A heat absorption paste to help prevent damage to sensitive controls, valves, plastic faucet parts, equipment and other soldered connections

- Reduces heat transfer by absorbing thermal energy from heat and flames

Recommended for

- Copper
- Other types of metal pipe



Open Mesh Sandcloth

Reuseable waterproof abrasion

Code	Description	Qty.
61760	5 yd.	50
61759	10 yd.	50
61758	25 yd.	20

FEATURES

- Reuseable
- 100% waterproof
- Tear-resistant nylon backing

Application • A premium abrasive, waterproof material with top quality performance

- If the material becomes loaded with fillings, simply rinse in water and tap out.

Recommended for

- Copper



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

metacaulk®

FIRESTOPPING SOLUTIONS

Firestop Sealants

A Full Line of Sealants to Meet All Your Firestopping Applications



Metacaulk® 1000

Intumescent, water-based firestop sealant

Code	Description	Qty.
66640	10.3 oz. cartridge	12
66303	30 oz. cartridge	12
66312	20.2 oz. sausage pack	12
66305	1 gal.	4
66307	2 gal.	1
66309	5 gal.	1

Application • Will prevent the spread of fire through joint openings and through-penetrations • No dilution or mixing required • Can be used in areas under constant vibration and movement • Use in fire-rated gypsum wallboard partitions, concrete walls or floors, wood floors and concrete or corrugated steel deck floor/ceiling assemblies

Recommended for • Metal • Insulated
 • Fiberglass & plastic pipes • Wall construction joints
 • Power & telephone cables



FEATURES

- UL Classified systems up to 4 hrs
- Highly intumescent
- Excellent freeze-thaw
- For interior use - paintable
- VOC compliant
- STC rating 62
- Meets ASTM E 814, UL 1479 & UL 2079 standards



See ordering chart for container sizes available.

*"FBC"™ System Compatible" indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.
 **"FBC", FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

Metacaulk® MC 150+

General purpose firestop sealant

Code	Description	Qty.
66648	10.3 oz. cartridge	12
66383	30 oz. cartridge	12
66385	20.2 oz. sausage pack	12
66389	5 gal.	1



FEATURES

- Water-based - VOC compliant
- STC rating 51
- Excellent freeze-thaw
- Use for most common applications

Application • One component, general purpose fire-rated sealant and smoke seal for construction joints and through-penetrations on both horizontal and vertical surfaces

- Non-sag caulking grade sealant that is easy to apply as well as to retrofit
- Can be used in areas under constant vibration or movement

Recommended for

- Metal
- Insulated
- Fiberglass and plastic pipes
- Wall construction joints
- Power and telephone cables



Metacaulk® 350i

Elastomeric seal firestop sealant

Code	Description	Qty.
66616	10.3 oz. cartridge	12
66611	20.2 oz. sausage pack	12
66613	5 gal.	1



FEATURES

- Sound rated
- Excellent freeze-thaw
- STC rating 53

Application • One component, general purpose sealant and smoke seal

- Intumescent, water-based, non-sag caulking grade sealant that is easy to apply and great for retrofits
- Suitable for dynamic movement

Recommended for

- Metal
- Insulated
- Fiberglass & plastic pipes
- Wall construction joints
- Power & telephone cables



Metacaulk® 835+

Elastomeric, silicone firestop sealant

Code	Description	Qty.
66645	10.15 oz. cartridge	12
66019	5 gal.	1



FEATURES

- Exterior / Interior use
- Water resistant
- STC rating 55

Application • Used in systems where dynamic movement is expected

- Resistant to chemical exposure

Recommended for • PVC pipe on closed (pressure) systems

- EMT
- Insulated and uninsulated steel pipe
- Construction and control joints
- Interior expansion joints

Also available in
5 gal. pail



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

metacaulk®

FIRESTOPPING SOLUTIONS

Pre-Fabricated Devices

Easy to Install Devices with Metacaulk® Firestop Built-In

Metacaulk® Pipe Collars

Prefabricated firestop system

Code	Description	Qty.
66352	1-1/2"	12
66353	2"	12
66350	3"	6
66351	4"	6
66354	6"	2

Application • UL classified for both open and closed pipe systems • Simple locking mechanism for easy installation

Recommended for • PVC • CPVC • ABS
 • PVC foam core • ABS foam core • FRPP
 • PEX pipe • Electrical cable

- FEATURES**
- No measurements of material
 - Fits in limited access areas
 - 25% reduction of installation time



U.S. Patent No. 6,207,085

Metacaulk® Pass-Thru

Pre-firestopped, shaped sleeves

Code	Description	Qty.
66770	2-½" square	6
66773	4" square	6
66776	2" round	6
66779	4" round	6
66740	2-½" single sq. bracket	6
66743	2-½" double sq. bracket	3
66746	2-½" triple sq. bracket	2
66749	2-½" sixplex sq. bracket	1
66752	4" single sq. bracket	6
66755	4" double sq. bracket	3
66758	4" triple sq. bracket	2
66761	4" sixplex sq. bracket	1
66764	2" round bracket	6
66767	4" round bracket	6



FEATURES

- Easy to install & change cables
- Great for retrofit
- Highly intumescent
- Industry leading "L" rating

Application • Seals cables or pipes that penetrate thru 1 & 2 hour fire rated walls & floors • Square or round shaped steel sleeves with intumescent material • Opens for easy installation, retrofit or removal of cables

Recommended for • Electrical • Datacom
• Communication cables • Pipes



See ordering chart for other available parts

Metacaulk® Intumescent Sleeve

Firestop seal

Code	Description	Qty.
66584	For 2", 3" & 4" Pipe	6
66582	For 6" & 8" Pipe	1



FEATURES

- No steel bolts or fasteners
- Can be retrofitted
- Flexible



Application • Firestop through penetrations with a single sleeve • Ideal for combustible pipes penetrating a concrete fluted deck assembly

Recommended for • PVC • cc-PVC
• CPVC • FRPP • PP • ABS • PP-R
• Rigid non-metallic conduit installations



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



Technical Service

CELEBRATING
75
YEARS
1937 - 2012



You can depend on our knowledgeable Technical Service staff to share their expertise on any of our over 350 products. We are dedicated to providing comprehensive product support to all of our customers from Architects, Engineers, Local Inspectors, Contractors to the general consumer. We will be there to provide the correct solution for all of your product questions.

You can trust that RectorSeal's Technical Service will give you the best solution for your problem, promptly. We can be reached via Email at techservice@rectorseal.com

For the last 75 years, our Technical Service staff has been an excellent source of product information & application support.



Technical Service staff personally answers phone calls & provides one-on-one assistance.



RectorSeal's In-house AutoCAD design team is able to provide immediate jobsite solutions.



Our state-of-the-art, UL Certified laboratory facility tests all firestopping materials.



Staff provides answers for all of your environmental and safety concerns.



RECTORSEAL

Air Conditioning Chemicals

Coil Cleaners

Leak Locators

Cleaners & Treatments

Cooling Tower Treatments

Evaporative Cooler Treatments



Coil Cleaners

Deep Penetrating Aerosols

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

K.O. Dirt Blaster™

Dirt and grease stripper

Code	Description	Qty.
88438	20 oz. aerosol	12

FEATURES

- Dissolves grease quickly
- Quick drying
- Pressure washes small condenser coils without a water rinse
- Non-flammable
- No CFC's



Application

- Quickly dissolves grease
- Non-conductive so will not short out electrical equipment
- Effective on restaurant grease and other greasy surfaces

Recommended for

- Refrigeration coils
- Oil burner surfaces
- Machine parts
- Switches
- Relays
- Circuit breakers
- Motors
- Electrical components

Clean-N-Safe™

Condenser & evaporator coil cleaner

Code	Description	Qty.
83780	20 oz. aerosol	12

FEATURES

- Deep cleaning foam
- Non-acid
- Reduces energy cost
- Environmentally friendly
- Biodegradable



Application

- Effectively cleans and removes soils
- Foam powers off dirt and build-up without chemically attacking (corrode) coils, surrounding metal, other HVAC equipment components or adjacent roofing materials

Recommended for

- Air conditioning
- Refrigeration
- Heat pump coils



Coil Cleaners

Concentrated Acid & Non-Acid Liquids

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Con-Coil™

Foaming acid coil cleaner

Code	Description	Qty.
82622	1 gal.	4
82624	5 gal.	1
82628	55 gal.	1

FEATURES

- Removes contaminants
- Brightens as new

Application • Adhering foam lifts insulating contaminants & dulling oxide film in less than 5 minutes

Recommended for

- Finned air-cooled condenser coils
- Electronic air filters • Aluminum • Copper



Renewz™

Foaming non-acid coil cleaner

Code	Description	Qty.
82644	1 gal.	4
82646	5 gal.	1
82650	55 gal.	1
82652	14 oz. aerosol	12

FEATURES

- High foaming
- Brightener

Application • Leaves aluminum bright, shiny and clean in less than 5 minutes

- Loosens material in hard-to-reach places

Recommended for

- Air-cooled condenser coils • Aluminum
- Cooking grease • Electronic air filters



Coil-Rite™

Evaporator coil cleaner

Code	Description	Qty.
82612	1 gal.	4
82614	5 gal.	1
82618	55 gal.	1

FEATURES

- Non-acid
- Non-flammable

Application • Self-rinsing cleaner and degreaser • Lifts grime and oil from normally inaccessible places

Recommended for

- Evaporator and condenser coils • Air conditioning and air handling equipment
- Electronic & permanent air filters



Foam-A-Coil™

Foaming condenser & evaporator coil cleaner

Code	Description	Qty.
82632	1 gal.	4
82634	5 gal.	1
82638	55 gal.	1
82640	14 oz. aerosol	12

FEATURES

- Non-acid
- Non-flammable

Application • Foaming biodegradable cleaner and degreaser • Lifts grime and oil from normally inaccessible places

Recommended for

- Evaporator and condenser coils • Air conditioning and air handling equipment
- Electronic & permanent air filters





Air Conditioning Chemicals

Leak Locators

Detect gas leaks in pipes or tank systems.

Better Bubble™

Gas leak locator

Code	Description	Qty.
65554	8 oz. - dauber top	12
65432	32 oz. - trigger spray	12
65273	1 gal.	4



FEATURES

- Fast acting
- Long lasting
- Easy to see bubbles
- Continuous bubbling

Application • Thick formula pinpoints the smallest natural gas, LPG and A/C refrigerant leaks with well defined elastic bubbles that stand up under pressure and windy conditions • Use on surface temperatures from 20°F to 250°F

Recommended for • All types of pipe, tubing, valves, tanks, pressure vessels, condenser / evaporator coils, refrigeration coils, and many other similar applications



*FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

**FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.



Cleaners & Treatments

Remove scale & slime.

Nickel-Safe Ice Machine Cleaner

Food grade cleanser

Code	Description	Qty.
88312	16 oz.	12
88314	1 gal.	4

FEATURES

- Assures clean, fresh-tasting ice
- Safe for nickel-plated surfaces
- Meets Manitowoc Spec GES-6

Application • Removes scale, muck and slime which can cause bad taste and foul odors • Food-grade acid cleaner opens constricted water lines

Recommended for

- Metal & plastic surfaces



Condensate Management

Compressor Maintenance

Air Diffusers

Liquid Descalit™

Scale remover

Code	Description	Qty.
90902	1 gal.	4
90904	5 gal.	1

FEATURES

- Anti-foaming
- Color changing strength indicator

Application • An economical scale and lime dissolver with patented corrosion inhibitors

Recommended for

- Heavily-scaled equipment • Cooling towers • Condensers • Water heaters



Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Raindrop™

Humidifier treatment

Code	Description	Qty.
88444	12 tablets	36

FEATURES

- EPA reg. no. 51219-1

Application • Controls foul-smelling odors and growth of slime through bacteriostatic action • Keeps pads clean and soft for a more efficient operation

Recommended for

- Portable & central humidifiers



Specialty Chemicals

Air Conditioning Chemicals

Humidex™ Tablets

Humidifier treatment

Code	Description	Qty.
88442	12 tablets	24

FEATURES

- Eliminates clogging hard water scale, encrusted silt & corrosion

Application • Prevents and eliminates corrosion, scale and muck • Keeps pads clean and soft for a more efficient operation

Recommended for

- Power & plate type humidifiers



Heating Chemicals

Other Related Products

Cooling Tower & Evaporative Cooler Treatments

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

CTT™ -SM

Self-metering cooling tower treatment

Code	Description	Qty.
68032	16 tablet tube	

FEATURES

- No special or complicated feeder equipment needed
- Lasts 1-2 months

Application • Controls scale, mud, silt and foaming, provides protection for non-ferrous metals and contains a corrosion inhibitor for ferrous metals

Recommended for

- One tube treats units up to 10 tons
- Cooling towers



CTT™ -Tablets

Feeder tablets

Code	Description	Qty.
68034	20 tablet tube	
68038	300 tablet pail	

FEATURES

- 100% active, non-acidic
- Controls foaming
- For systems up to 400 tons

Application • Prevents hard water mineral scale formation and both ferrous and non-ferrous corrosion

- Suspends mud, dirt and silt which can clog condenser tubes and spray nozzles

Recommended for

- Works in many popular feeders



CTT™ -EC

Evaporative Cooler Treatments

Code	Description	Qty.
68030	4 tablet tube	12
68028	300 tablet pail	1

FEATURES

- Improves efficiencies
- Reduces break-downs
- Decreases power costs

Application • When placed in the reservoir, automatically provides water treatment proportionate to operating conditions without feeder equipment

- Prevents hard water mineral scale, ferrous and non-ferrous corrosion, and silt and soil accumulations in evaporative coolers

Recommended for

- Evaporative coolers



Refresh™ Tablets

Evaporative Cooler Treatments

Code	Description	Qty.
68114	4 tablet tube	12
68112	275 tablet pail	1

FEATURES

- Self-metering
- Reduces break-downs
- EPA Reg. no. 51219-1

Application • Eliminates growths and odors in evaporative coolers, humidifiers & air conditioners

- Improves efficiency and reduces costs

Recommended for

- Reservoirs
- Drain pans





RECTORSEAL

Heating Chemicals

Soot Removers

Fuel Oil Deodorizers
& Absorbents

Fuel Tank & Line Treatments

Boiler Products





Soot Removers & Burner Cleaners

Sootmaster™ Powder

Remove soot from oil & gas-fired burners

Code	Description	Qty.
68322	1 lb.	12

FEATURES

- Contains no lead

Application • Works both by catalysis and supplying extra oxygen • Applied by scattering or dusting surface with a sprayer

Recommended for

- Oil & gas-fired burners



Sootomagic™

The original soot stick

Code	Description	Qty.
68332	¼ lb. stick	48

FEATURES

- Contains no lead
- Non-corrosive / Non-explosive
- Fits through all combustion chamber openings
- Approved for Connecticut sale

Application • Destroys soot quickly by catalytic low temperature ignition

- Residual soot removal coating works even after stick is consumed

Recommended for

- Oil & gas-fired burners



Sootspray™

The original aerosol soot remover

Code	Description	Qty.
68342	14 oz. aerosol	12

FEATURES

- Contains no lead
- Cuts vacuum time by 50-100%
- Approved for Connecticut sale

Application • Catalytically active for safest possible soot removal

- Reaches where vacuum cleaners can't

Recommended for

- Oil & gas-fired burners





Fuel Oil Deodorizers & Absorbents

Odorgon™ Powder

Kills odors and absorbs oil

Code	Description	Qty.
68512	1 lb.	12
68514	2 lbs.	12

FEATURES

- Leaves pleasant scent
- Non-explosive / non-flammable

Application • Handy for cleaning up after spills and oil leaks • Sifter top for controlled economical usage and clean storage

Recommended for

- Spills • Oil leaks



Odorgon™ Spray

Kills odors and absorbs oil

Code	Description	Qty.
68516	14 oz. aerosol	12

FEATURES

- Non-lingering, mild scent
- Non-flammable

Application • Kills oil and other industrial odors • Covers vertical surfaces and corners

Recommended for

- Spills • Oil leaks



Neutroda™ Powder

Economic deodorizer & absorbent

Code	Description	Qty.
68502	1 lb.	12

FEATURES

- Very light weight makes volume equal to twice as much as Odorgon™ Powder

Application • An economical version of Odorgon™ Powder, with a different fragrance and absorption system

Recommended for

- Spills • Oil leaks



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



Fuel Tank & Line Products Treatments & Water Detection



Season Oil™

Year-round fuel oil treatment

Code	Description	Qty.
86322	16 oz.	12

FEATURES

- Improves oil flow
- Protects oil during storage

Application • Contains anti-freeze and additives to prevent sludge, varnish, oil oxidation and fuel degradation

- Dissolves sludge, removes water, prevents corrosion, waxing and gelling

Recommended for

- Fuel tanks



Aquasorb™

Inhibits corrosion-caused leaks

Code	Description	Qty.
68402	1 pt.	12
68404	1 qt.	12

FEATURES

- Contains no lead

Application • The most powerful water and sludge dispersant for fuel tanks

- Prevents ice blockage, sputtering flame, flame failure and sludge

Recommended for

- Fuel tanks



Tanktex™

Liquid water detector

Code	Description	Qty.
68462	2 oz.	24

FEATURES

- Turns violet on contact with water
- Squeezable bottle

Application • Detects the presence of water in petroleum and petroleum-based products • If water is present, treat fuel oil with Aquasorb™

Recommended for

- Fuel oil & gasoline tanks



Testmaster™

Paste water detector

Code	Description	Qty.
68466	1-¾ oz.	24

FEATURES

- Won't separate or lose color
- Specified by USAF for use in jet aviation fuels

Application • Detects and locates water in fuel oil and gasoline tanks • Shows exact volume present by turning fluorescent yellow-green on the dip stick • If water is present, treat fuel oil with Aquasorb™

Recommended for

- Fuel oil & gasoline tanks



Magne-Patch™

Instantly stops small leaks in steel tanks

Code	Description	Qty.
68442	Blister card	12

FEATURES

- Quickest tank repair available
- Can be reused

Application • A powerful, permanent magnet holds a flexible plug against the hole and against existing pressure

Recommended for

- Steel tanks



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



Boiler Products

Water Treatments & Sealants for Steam & Hot Water Systems



8-Way™

Water treatment for both steam and hot water systems

Code	Description	Qty.
68712	1 qt.	12
68714	1 gal.	4
68716	30 gal.	1

FEATURES

- Will not damage seals and gaskets
- Non-chromate; biodegradable
- No petroleum distillates

Application • Removes sludge • Removes rust scale • Inhibits boiler corrosion • Inhibits steam line corrosion • Prevents oxygen pitting • Inhibits lime scale • Prevents surging and foaming • Controls pH with a color indicator

Recommended for

- Boiler water



Sealmaster™

Seals leaks in steam systems

Code	Description	Qty.
68722	1 qt.	12
68724	1 gal.	4

FEATURES

- Stops corrosion
- Will not damage seals and gaskets
- No petroleum distillates

Application • Fills and seals holes, cracks and loose joints in steam boilers

Recommended for

- Steam boilers



Pyroseal™

Furnace & retort cement

Code	Description	Qty.
68612	1-½ lb.	12
68614	3 lb.	12
68616	6 lb.	8
68618	12 lb.	4
68620	25 lb.	1

FEATURES

- Shrink-proof, crack-proof
- Contains no asbestos or OSHA restricted fibers

Application • Smooth, creamy, easy-spreading furnace & retort cement that sticks where applied • For high temperature sealing & bonding

Recommended for

- Combustion chambers
- Furnace doors • Flue pipes



Steammaster™ Tablets

Concentrated, economical treatment

Code	Description	Qty.
68732	36 tab bottle	12

FEATURES

- Will not damage seals and gaskets
- No petroleum distillates
- Built in color-cure indicator assures accurate treatment

Application • Removes and prevents scale and corrosion in steam and hot water systems

Recommended for

- Steam & water systems



Surgemaster™

Boiler water treatment

Code	Description	Qty.
68742	5.3 oz.	12

FEATURES

- Will not damage seals and gaskets
- Inhibits corrosion
- No petroleum distillates

Application • Cures and prevents priming, surging & foaming • Sure-cure color indicator tints boiler water to take the guesswork out of treatment dosage

Recommended for

- Steam boilers



Surgex™

Inhibits scale and corrosion

Code	Description	Qty.
68752	1-½ oz.	20

FEATURES

- Economical

Application • Cure for foaming, surging and priming steam boilers • Concentrated anti-foam formula, color-coded to insure proper treatment

Recommended for

- Steam boilers



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Cleaners

Hi-Strength Degreasers

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Zipp™

Quick drying degreaser

Code	Description	Qty.
82642	14 oz. aerosol	12

FEATURES

- Cleaner / degreaser
- Leaves no residue
- Non-flammable
- Non-conductive

Application • Quick drying, safety solvent degreaser that instantly removes grease, oil, waxes, tar, gums, grime, dirt, carbon, greasy stains, bilge slime and similar soils from most hard surfaces • Will not short out electrical equipment

- Recommended for use** • Oil burner parts
- Compressors • Refrigeration units
 - Greasy fan blades • Strainers • Engines
 - Stoves • Relay contact points
 - Electrical equipment



Zipp™ II

Environmentally safer, quick drying degreaser

Code	Description	Qty.
82645	12 oz. aerosol	12

FEATURES

- Cleaner / degreaser
- Leaves no residue
- Non-flammable
- Non-conductive
- Non-chlorinated

Application • Quick drying, safety solvent degreaser that instantly removes grease, oil, waxes, tar, gums, grime, dirt, carbon, greasy stains, bilge slime and similar soils from most hard surfaces • Will not short out electrical equipment • Contains no carbon tet or restricted solvents

- Recommended for use** • Oil burner parts
- Compressors • Refrigeration units
 - Greasy fan blades • Strainers • Engines
 - Stoves • Relay contact points
 - Electrical equipment



Grime-Solv™

Foaming, heavy duty cleaner and degreaser

Code	Description	Qty.
88436	14 oz. aerosol	12

FEATURES

- Safe for metals
- Wipes clean or rinses with water
- Non-flammable
- Non-corrosive

Application • Lifts encrusted grime, grease or carbon • Use to remove stains from concrete driveways and brick walls, to clean white wall tires and for cleaning surfaces before painting

- Recommended for** • Oil burning • A/C and refrigeration equipment • Marine and automotive engines • Machinery that can be rinsed with water or wiped with a rag





Miscellaneous

RectorSeal® RS 136

Fireblock / smoke seal caulk

Code	Description	Qty.
66408	10.3 oz. cartridge	12



FEATURES

- Easy application
- Interior applications
- Water clean-up

Application • General purpose, residential acoustical fireblock

Recommended for

- Electrical • Plumbing • Plastic pipe
- Telephone communication systems penetrations



RectorSeal® Silicone Sealant

General purpose

Code	Description	Qty.
57505	10.3 oz. tube - white	12
57506	10.3 oz. tube - clear	12

FEATURES

- Remains flexible
- Vibration resistant
- Indoors/outdoor

Application • Ideal for general sealing

- Dries to touch in 30 minutes and fully cures in 24 hours

Recommended for

- Around electrical panels • Windows • Doors
- Pipes/vents • Corner joints • Aluminum siding
- Other interior / exterior building materials



RectorSeal® Hi-Temp™

100% RTV silicone caulk

Code	Description	Qty.
57500	10.1 oz. cartridge	24

FEATURES

- One component
- USDA specs for use in federally inspected meat and poultry plants
- F.D.A. reg #21 CFR 177.2600
- TT-S-001543A (COM-NBS) Class A
- TT-S00230C (COM-NBS) Class AA
- MIL-A-46106B Amend 3, Type 1
- Canadian 19-GP-9MA, Type 1

Application • Cures to a strong durable resilient rubber

Recommended for • Glass • Clean metal • Most types of non-oily wood • Vulcanized silicone rubber • Silicone resins

- Natural and synthetic fiber • Ceramic • Paper
- Many painted and plastic surfaces



Condensate Management

Compressor Maintenance

Air Diffusers

Linet Set Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Draft-Block™

Expanding polyurethane foam

Code	Description	Qty.
96500	12 oz. aerosol	12

FEATURES

- Expands 3X
- Tack-free in approx. 45 min.
- No ureaformaldehyde

Application • Excellent filler which bonds and insulates
 • Fill voids, cracks, crevices and small cavities on flat or irregular surfaces
 • Reduces sound transmission
 • Totally dielectric



Lets-Go™

Penetrant, lubricant and freeze-up preventer

Code	Description	Qty.
73012	12 oz. aerosol	12

FEATURES

- Loosens frozen bolts, nuts & joints
- Protects from water & weather

Application • Covers metal surfaces with a clinging, tough, long-lasting film of lubricant
 • The wetting power acts quickly on rusted and seized parts
 • Displaces moisture from wiring and equipment.



Cold Galvanizing Spray

Protection of hot-dip galvanizing

Code	Description	Qty.
86625	16 oz. aerosol	12

FEATURES

- Stops rust and corrosion
- Indoors or outdoors

Application • Contains 95% pure zinc and forms a tough, durable and flexible zinc metal coating that bonds electrochemically with the base metal to protect against rust and corrosion
 • To prevent and retard rust and corrosion on welded joints, fencing, storage tanks, pipe lines, metal buildings, marine and other similar applications





Miscellaneous

Buz-Awf™ Wasp and hornet spray

Code	Description	Qty.
84390	16 oz. aerosol	12

FEATURES

- High pressure spray
- Shoots 20 ft stream
- Non-conductive up to 47KV

Application • Kills wasps, hornets, yellow jackets and bees • E.P.A. REG. NO. 3862-174-51219, E.P.A. EST. NO. 9143-TX-1



RectorSeal® EP-200 Epoxy putty

Code	Description	Qty.
97600	2 oz.	24
97601	2 oz. refill	24
97602	Blister card	12
97606	EP-400 4 oz.	12



FEATURES

- Mixes like putty
- Hardens in minutes
- Can be drilled, taped, filed, machined, sanded and painted
- Bonds and fills a variety of materials

Application • Pre-measured, high-grade epoxy and hardener formulated together in one stick • Break off the amount needed for each repair • Bonds to most surfaces



GOJO®* Hand cleaner

Code	Description	Qty.
40500	Original 14 oz. tub	12
40507	Natural orange 14 oz.	12

FEATURES

- Safe to use
- Non-toxic
- Biodegradable

Application • Thoroughly and safely cleans adhesives, asphalt, tar and paint

*GOJO is a registered trademark of GOJO Industries



Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

Coil Cleaner Recommendations						
Applications	Con-Coil™	Renewz™	K.O. Dirt Blaster™	Coil-Rite™	Foam-A-Coil™	Clean-N-Safe™
Best for Cleaning:						
Condenser Coils	●	●			●	
Evaporator Coils				●	●	●
Air Filters		●	●	●	●	●
Small Condenser Coils & Fans			●			●
Motors & Relays			●			
Heating Equipment			●			●
Removes:						
Oil & Grease		●	●	●	●	●
Cooking Grease		●	●			
Mineral Deposits, Salts & Scale	●					
Corrosion & Oxides	●	●				
Dirt & Grime	●	●	●	●	●	●
Dust & Lint		●	●	●	●	●
Bugs	●	●				●
Grass and Cottonwood		●				
Tobacco Stains		●		●	●	●
Special Features:						
Foaming	●	●			●	
Brightening	●	●				
Non-Rinsing			●	●	●	●
Non-Hazardous for Shipping				●	●	●
Biodegradable		●		●	●	●

The above chart is only a guide for the selection of an appropriate coil cleaner for use with broad classifications of applications. It is not a recommendation for a specific service application. Please contact our technical service department with details of your application for a recommendation for the appropriate coil cleaners.

Firestopping Product Recommendations													
Material	Metal Pipe - EMT, Copper	Multiple Metal	Insulated Metal Pipe	Plastic - Open Pipe 2" & smaller	Plastic - Open Pipe up to 4"	Plastic - Closed Pipe 4" & smaller	Plastic - Open/Closed Pipe 6"	Glass Pipe	Cables	Construction Joints Top of Wall	Large Openings	Blank Openings	Electrical Boxes
Metacaulk® 1000	●	●	●	●		●			●	●			
Metacaulk® 350i	●	●	●	●					●				
Metacaulk® MC 150+	●	●		●					●				
Metacaulk® 835+	●	●	●						●	●			
Pipe Collars				●	●	●	●						
Pass-Thru	●	●		●				●	●			●	
Intumescent Sleeve				●	●	●	●						

The above chart is only a guide for the selection of an appropriate firestop products for use with broad classifications of applications. It is not a recommendation for a specific application. Please contact our technical service department with details of your application for additional recommendation for the appropriate firestop product and tested system.



Reference Charts

Service Recommendations for Pipe Thread Sealants			
Material	No. 5 [®]	T plus 2 [®]	Tru-Blu™
Acids, dilute	●	●	●
Air, compressed	●	●	●
Alcohols			
Ammonia, gaseous	●	●	●
Aliphatic solvents	●	●	●
Aromatic solvents		●	
Caustic, dilute	●	●	●
Cutting oils (low aromatic)	●	●	●
Diesel fuel oil	●		●
Ethylene glycol (anti-freeze)			
Fatty acids, liquid			
Gasohol (unleaded & 10% alcohol)	●		
Gasoline	●		●
Glycerine			
Heating oils	●	●	●
Helium, gaseous	●	●	●
Hydraulic oils	●	●	●
Hydraulic fluids, water/glycol type			
Hydrogen, gaseous	●	●	●
Inert gases	●	●	●
Jet fuel (JP3, 4 & 5)	●		●
Kerosene	●		●
Liquefied petroleum gases	●	●	
Mineral oils	●		●
Natural gas	●	●	●
Nitrogen, gaseous	●	●	●
Refrigerants			●
Soap, liquid	●	●	●
Steam	●		●
Vegetable oils	●	●	●
Water (hot or cold)	●	●	●

The above chart is only a guide for the selection of an appropriate thread sealant for use with broad classifications of applications. It is not a recommendation for a specific service application. Please contact our technical service department with details of your application for a recommendation for the appropriate thread sealant.

Condensate Management

Compressor Maintenance

Air Diffusers

Lineset Covers

Refrigerant Locking Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

<p>Condensate Management</p> <p>Compressor Maintenance</p> <p>Air Diffusers</p> <p>Lineset Covers</p> <p>Refrigerant Locking Caps</p> <p>Equipment Mounting</p> <p>Specialty Chemicals</p> <p>Air Conditioning Chemicals</p> <p>Heating Chemicals</p> <p>Other Related Products</p>	<p>- # -</p> <p>8-Way 82</p> <p>100 ClearTrap Kit 22</p> <p>100 Waterless Kit 24</p> <p>200 SmartTrap Kit 23</p> <p>220 Overflow Switch 23</p> <p>600 Combo Kit 24</p> <p>- A -</p> <p>Acid Detector 30</p> <p>Acid Detector for POE 30</p> <p>Acid-Away 29</p> <p>Acid-Away for POE 29</p> <p>Actabs 25</p> <p>Airtec Classic 34</p> <p>Airtec Retro 35</p> <p>Airtec Tuffbox 40</p> <p>Aquasorb 80</p> <p>Aqua Series 14</p> <p>Aspen Pumps 6</p> <p>- B -</p> <p>Better Bubble 74</p> <p>Bigfoot Mounting 54</p> <p>Buz-Awf 87</p> <p>- C -</p> <p>Caulk 85</p> <p>Clean-N-Safe 72</p> <p>Coil Cleaner 72</p> <p>Coil-Rite 73</p> <p>Cold Galvanizing Spray 83</p> <p>Compressor Hard Start Device 28</p> <p>Con-Coil 73</p> <p>Condensate Overflow Switch 19</p> <p>Condenser Coil Cleaner 73</p> <p>CTT Tablets 76</p> <p>CTT-EC 76</p> <p>CTT-SM 76</p> <p>- D -</p> <p>Draft-Block 86</p> <p>Drain Hoses 18</p> <p>- E -</p> <p>Easy Klear 25</p> <p>Epoxy Putty 87</p> <p>Evaporator Coil Cleaner 72</p> <p>EZ Trap 22</p> <p>- F -</p> <p>Fittings 18</p> <p>Flux 65</p> <p>Foam-A-Coil 73</p> <p>Fortress 42</p> <p>Frame Supports 57</p> <p>- G -</p> <p>Gene 404L 64</p> <p>GOJO 87</p> <p>Grime-Solv 84</p> <p>- H -</p> <p>Hi-Temp 85</p> <p>Humidex Tablets 75</p> <p>Hydrex 25</p> <p>- I -</p> <p>Ice Machine Cleaner 75</p> <p>Intumescent Sleeve 69</p>	<p>- J -</p> <p>Jim PR-1L 64</p> <p>- K -</p> <p>Kickstart 28</p> <p>K.O. Dirt Blaster 72</p> <p>KS-1 28</p> <p>- L -</p> <p>Lets-Go 86</p> <p>Lime Series 12</p> <p>Liquid Descalit 75</p> <p>Low-Voc Solvent Cement 64</p> <p>- M -</p> <p>Magne-Patch 81</p> <p>Metacaulk 1000 66</p> <p>Metacaulk 350i 67</p> <p>Metacaulk 835+ 67</p> <p>Metacaulk MC 150+ 67</p> <p>Mighty Pump 26</p> <p>- N -</p> <p>Neutroda Powder 79</p> <p>Nickel-Safe Ice Machine Cleaner ... 75</p> <p>No. 5 62</p> <p>Nokorode 65</p> <p>Novent 50</p> <p>Nu Line 25</p> <p>- O -</p> <p>Odorgon Powder 79</p> <p>Odorgon Spray 79</p> <p>Oil ID 30</p> <p>Orange Series 10</p> <p>- P -</p> <p>Pass-Thru Device 69</p> <p>Pipe Collars 68</p> <p>Purple Series 8</p> <p>Pyroseal 83</p> <p>- R -</p> <p>Raindrop 75</p> <p>RectorShield 65</p> <p>Refresh Tablets 76</p> <p>Regular Paste 65</p> <p>Renewz 73</p> <p>Risers 60</p> <p>RS 136 85</p> <p>- S -</p> <p>Safe-T-Gard 20</p> <p>Safe-T-Switch 19</p> <p>Sealmaster 82</p> <p>Season Oil 80</p> <p>Silicone Sealant 85</p> <p>SG-1 20</p> <p>Slimduct 46</p> <p>Solvent Cement 64</p> <p>Sootmaster Powder 78</p> <p>Sootmagic 78</p> <p>Sootspray 78</p> <p>SS1 19</p> <p>SS2 19</p> <p>SS2AP 20</p> <p>SS3 19</p> <p>SS3-CT 20</p> <p>SS4 20</p> <p>SS 103 E 21</p> <p>SS 500 EP 21</p> <p>SS 610 E 21</p> <p>SS 700 E 21</p> <p>Steamaster Tablets 83</p> <p>Surgemaster 83</p> <p>Surgex 83</p> <p>- T -</p> <p>T Plus 2 63</p> <p>Tanktex 81</p> <p>Testmaster 81</p> <p>Tru-Blu 63</p> <p>Thread Sealant 62</p> <p>TO-5 28</p> <p>Turbo-Kleen 31</p> <p>- U -</p> <p>Universal Brackets 58</p> <p>- W -</p> <p>Water Treatment 82</p> <p>White Series 16</p> <p>- Z -</p> <p>Zipp 84</p> <p>Zipp II 84</p>
---	--	--



Product Code Index

CODE	PAGE																
14000	65	66640	66	81905	37	83150	24	84009	45	84240	45	85029	49	85571	49	86681	50
14010	65	66645	67	81906	37	83180	24	84010	45	84241	45	85032	49	85572	49	86682	50
14020	65	66648	67	81908	37	83205	23	84011	45	84242	45	85034	49	85574	49	86683	50
14030	65	66740	69	81909	37	83207	23	84012	45	84243	45	85064	49	85575	49	86688	50
23112	63	66743	69	81911	37	83210	23	84013	45	84247	45	85080	49	85576	49	86690	50
23191	63	66746	69	81912	37	83224	23	84014	45	84248	45	85085	49	85579	49	86691	50
23271	63	66749	69	81913	37	83225	23	84015	45	84249	45	85104	49	86001	49	86692	50
23391	63	66752	69	81914	37	83226	23	84016	45	84250	45	85106	49	86002	49	86693	50
23431	63	66755	69	81915	37	83228	23	84017	45	84251	45	85109	49	86005	49	86698	50
23551	63	66758	69	81916	37	83230	23	84020	45	84252	45	85119	49	86007	49	87701	55
23631	63	66761	69	81918	37	83405	22	84021	45	84253	45	85124	49	86010	49	87702	55
23710	63	66764	69	81919	37	83406	22	84022	45	84254	45	85126	49	86011	49	87703	56
25112	62	66767	69	81932	37	83408	22	84023	45	84255	45	85129	49	86015	49	87704	56
25191	62	66770	69	81941	37	83554	65	84024	45	84256	45	85139	49	86016	49	87711	57
25271	62	66773	69	81942	37	83626	24	84025	45	84257	45	85164	49	86017	49	87712	57
25300	62	66776	69	81943	37	83780	72	84027	45	84260	45	85188	49	86018	49	87713	57
25431	62	68028	76	81944	37	83801	14	84028	45	84261	45	85200	49	86022	49	87714	57
25551	62	68030	76	81945	37	83802	14	84029	45	84262	45	85202	49	86025	49	87731	58
25631	62	68032	76	81948	37	83803	14	84030	45	84263	45	85204	49	86027	49	87732	58
25790	62	68034	76	81949	37	83804	14	84031	45	84267	45	85205	49	86030	49	87733	58
31300	63	68038	76	81953	36	83805	14	84032	45	84268	45	85208	49	86031	49	87734	58
31431	63	68102	25	81954	36	83809	14	84033	45	84269	45	85211	49	86035	49	87735	58
31551	63	68104	25	81955	36	83811	14	84034	45	84270	45	85212	49	86036	49	87741	59
31631	63	68106	25	81963	36	83812	14	84035	45	84271	45	85214	49	86037	49	87742	59
31780	63	68108	25	81964	36	83830	12	84036	45	84272	45	85215	49	86038	49	87743	59
38332	78	68112	76	81965	36	83831	12	84037	45	84273	45	85216	49	86100	49	87744	59
40500	87	68114	76	81966	40	83832	12	84044	45	84274	45	85220	49	86101	49	87745	59
40507	87	68115	25	81968	40	83833	12	84064	45	84275	45	85222	49	86102	49	87746	59
45001	30	68322	78	81970	40	83834	12	84099	45	84276	45	85224	49	86105	49	87760	60
45002	30	68332	78	82400	31	83835	12	84099	45	84277	45	85225	49	86107	49	87761	60
45004	29	68342	78	82450	31	83836	12	84099	45	84340	45	85228	49	86108	49	87762	60
45006	30	68402	80	82500	31	83837	12	84099	45	84341	45	85231	49	86110	49	87763	60
45009	29	68404	80	82606	49	83838	12	84100	45	84342	45	85232	49	86111	49	87771	60
55901	64	68442	81	82612	73	83839	12	84101	45	84343	45	85234	49	86112	49	87772	60
55902	64	68462	81	82614	73	83840	12	84102	45	84346	45	85235	49	86114	49	87773	60
55904	64	68466	81	82618	73	83842	12	84103	45	84347	45	85236	49	86115	49	87774	60
55906	64	68502	79	82622	73	83843	12	84104	45	84348	45	85264	49	86116	49	87775	60
55908	64	68512	79	82624	73	83844	12	84105	45	84349	45	85360	49	86117	49	88312	75
55910	64	68514	79	82628	73	83845	12	84106	45	84350	45	85362	49	86118	49	88314	75
55912	64	68516	79	82632	73	83846	12	84107	45	84351	45	85367	49	86120	49	88436	84
55914	64	68612	83	82634	73	83847	12	84108	45	84352	45	85368	49	86122	49	88438	72
55918	64	68614	83	82638	73	83849	12	84109	45	84353	45	85369	49	86125	49	88442	75
55920	64	68616	83	82640	73	83851	12	84110	45	84354	45	85370	49	86127	49	88444	75
57500	85	68618	83	82642	84	83852	12	84111	45	84355	45	85371	49	86128	49	90902	75
57505	85	68620	83	82644	84	83859	12	84112	45	84356	45	85372	49	86130	49	90904	75
57506	85	68712	82	82645	73	83860	12	84113	45	84357	45	85374	49	86131	49	96500	86
61758	65	68714	82	82646	73	83861	12	84114	45	84360	45	85375	49	86132	49	96503	28
61759	65	68716	82	82650	73	83892	8	84115	45	84361	45	85376	49	86134	49	96506	28
61760	65	68722	82	82652	73	83901	10	84116	45	84362	45	85377	49	86135	49	97585	25
65273	74	68724	82	83001	18	83902	10	84117	45	84363	45	85378	49	86136	49	97600	87
65432	74	68732	83	83002	18	83903	10	84120	45	84366	45	85395	49	86137	49	97601	87
65554	74	68742	83	83003	18	83904	10	84121	45	84367	45	85460	49	86138	49	97602	87
66019	67	68752	83	83004	18	83905	10	84122	45	84368	45	85462	49	86201	49	97606	87
66303	66	73012	86	83005	18	83909	10	84123	45	84369	45	85466	49	86207	49	97622	21
66305	66	81821	37	83006	18	83911	10	84124	45	84370	45	85467	49	86210	49	97625	20
66307	66	81822	37	83011	18	83912	10	84125	45	84371	45	85468	49	86219	49	97632	19
66309	66	81823	37	83012	18	83919	10	84126	45	84372	45	85469	49	86226	49	97637	19
66312	66	81824	37	83013	18	83931	16	84127	45	84373	45	85470	49	86227	49	97640	20
66350	68	81825	37	83015	18	83932	16	84128	45	84374	45	85471	49	86230	49	97647	19
66351	68	81828	37	83016	18	83939	16	84129	45	84375	45	85472	49	86239	49	97652	20
66352	68	81829	37	83017	18	83963	8	84130	45	84376	45	85474	49	86299	49	97655	20
66353	68	81831	37	83020	18	83964	8	84131	45	84377	45	85475	49	86322	80	97685	25
66354	68	81832	37	83021	18	83965	8	84132	45	84390	87	85476	49	86625	86	97690	25
66383	67	81833	37	83022	18	83966	8	84133	45	85000	49	85477	49	86660	50	97692	21
66385	67	81834	37	83023	18	84000	45	84134	45	85004	49	85478	49	86661	50	97693	21
66389	67	81835	37	83024	18	84001	45	84135	45	85008	49	85479	49	86662	50	97695	21
66408	85	81838	37	83028	18	84002	45	84136	45	85009	49	85560	49	86663	50	97795	26
66582	69	81839	37	83029	18	84003	45	84137	45	85012	49	85562	49	86668	50		
66584	69	81901	37	83031	18	84004	45	84142	45	85014	49	85566	49	86671	50		
66611	67	81902	37	83113	22	84005	45	84144	45	85020	49	85567	49	86672	50		
66613	67	81903	37	83114	22	84007	45	84162	45	85024	49	85568	49	86673	50		
66616	67	81904	37	83119	22	84008	45	84164	45	85028	49	85570	49	86680	50		

Condensate Management
Compressor Maintenance
Air Diffusers
Linerset Covers
Refrigerant Locking Caps
Equipment Mounting
Specialty Chemicals
Air Conditioning Chemicals
Heating Chemicals
Other Related Products



Through the use of current technology and social media, RectorSeal provides up-to-date technical information and marketing materials.

Company Homepage:

An online hub of readily available resources for our full-line of specialty chemicals and tools including: product codes, MSDS and product data sheets. Promotional literature and artwork can be easily viewed. Trade show scheduling and booth information are also updated frequently.

Social Media:

Up to the minute information from RectorSeal regarding new products, press releases, market trends and trade articles are sent directly to your wall, time-line and mobile devices.

Online Video:

Watch instructional videos on how to effectively and properly use RectorSeal products. Subscribe to our channel and receive new product videos instantly.

Online Training:

Earn certifications from RectorSeal for approved field use of our specialty products. Lessons and exams can be completed at your own pace and results accessed from your personal computer. 5 NATE CEU classes are also available.



To utilize these services, visit www.rectorseal.com

Contact: RectorSeal®

2601 Spenwick Drive, Houston, TX 77055

P 713-263-8001 | 800-231-3345

F 713-263-7577 | 800-441-0051

W www.rectorseal.com

Distributed by: