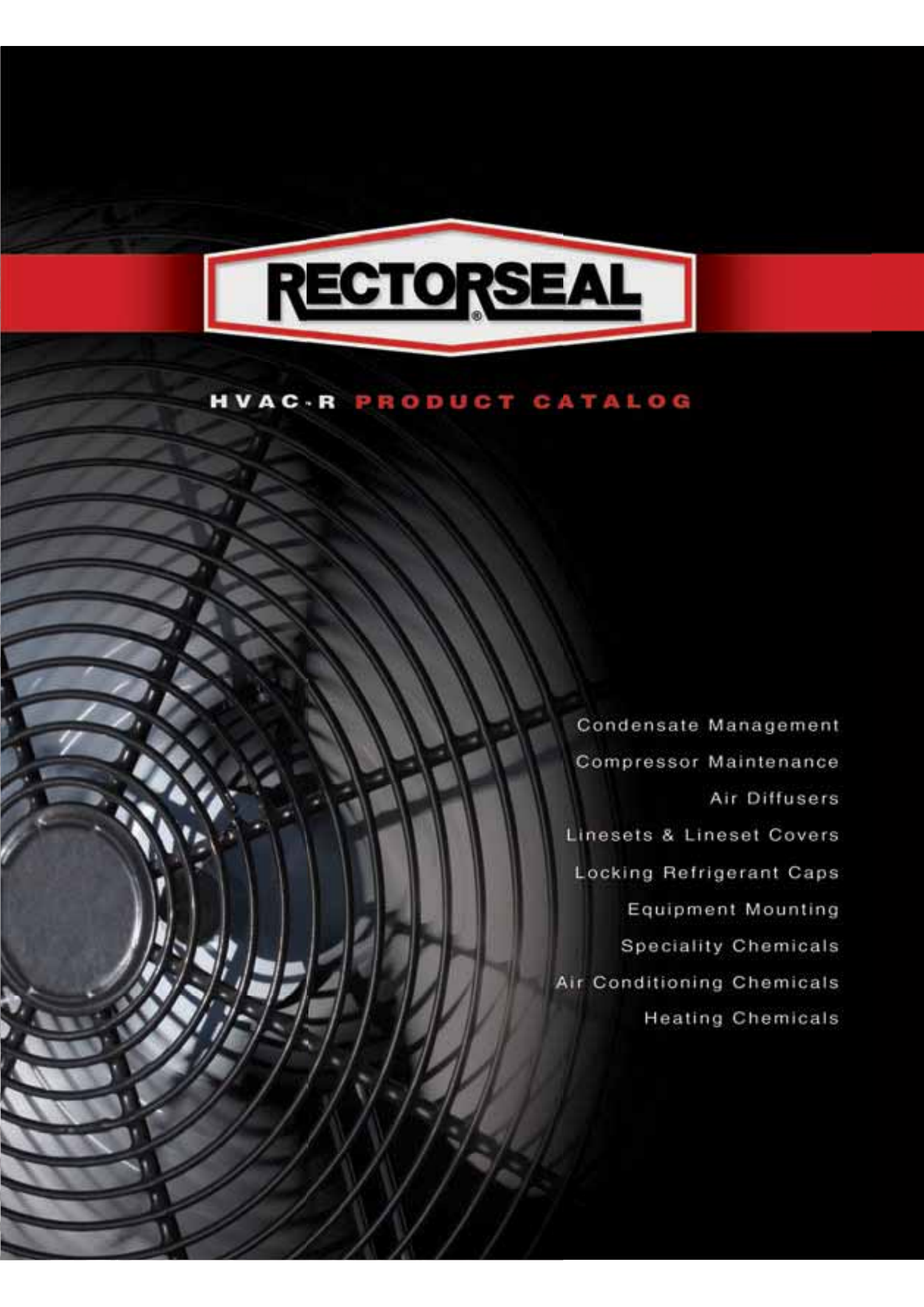




RECTORSEAL

HVAC-R PRODUCT CATALOG

Condensate Management

Compressor Maintenance

Air Diffusers

Linesets & Lineset Covers

Locking Refrigerant Caps

Equipment Mounting

Speciality Chemicals

Air Conditioning Chemicals

Heating Chemicals

Condensate Management	Condensate Management Aspen® Pumps 4 Drain Hose 11 Safe-T-Switch® 12	EZ Trap® 16 Drain Line Cleaners 19 Mighty Pump™ 20
Compressor Maintenance	Compressor Maintenance Kickstart® 22 Acid-Away® 23 Acid-Away® for POE 24	Acid-Detector™ 25 Acid-Detector™ for POE 25 Oil-ID™ 25 Turbo-Kleen™ 26
Air Diffusers	Air Diffusers Airtec® Classic 28 Airtec® Retro 29 Airtec® Tuffbox 30	
Linesets & Lineset Covers	Linesets & Lineset Covers Fortress® Lineset Ducting 36 SlimDuct® Lineset Ducting 40 PD Series 43	NoKink™ 44 Paircoil 44
Locking Refrigerant Caps	Locking Refrigerant Caps Novent® 46 GasGuard™ 48	
Equipment Mounting	Equipment Mounting Big Foot® Mounting 50 Frame Supports 53 Universal Brackets 54	Risers 56 Fix-It-Foot 56
Specialty Chemicals	Specialty Chemicals Thread Sealants 58 Solvent Cements 60 Soldering Flux 61	Metacaulk® Firestop 61 Misc. Sealants 64
Air Conditioning Chemicals	Air Conditioning Chemicals Coil Cleaners 66 Leak Locators 68 Cleaner & Treatments 69	Cooling Tower Treatments 70 Evaporative Cooler Treatments 70
Heating Chemicals	Heating Chemicals Soot Removers 72 Deodorizers & Absorbents 73 Boiler Products 74	
Other Related Products	Other Related Products Hi-Strength Degreasers 76 Miscellaneous 77 Other Products 78	

Table of Contents

Condensate Management

Aspen® Pumps •

Drain Hoses •

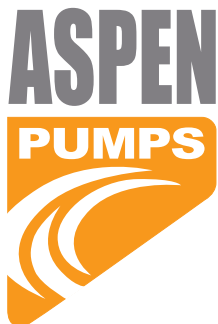
Safe-T-Switch® •

EZ Trap® •

Drain Line Cleaners •

Mighty Pump™ •





Mini-Split Pump Kits

Selecting the correct Aspen pump model
for your mini-split installation

Five pump styles

1. Aqua
2. Orange
3. Lime
4. White
5. Peristaltic

Four considerations

1. Appearance

P

W

and provide a clean finished appearance.

2. Quiet Operation

P

P

They run quieter and are designated by SP suffix.

3. Ease of Installation

4. Maintenance

Pump models with filters must be cleaned regularly.

W

filter access or a pump which requires
no filter (Peristaltic).

Multiple Benefits

F

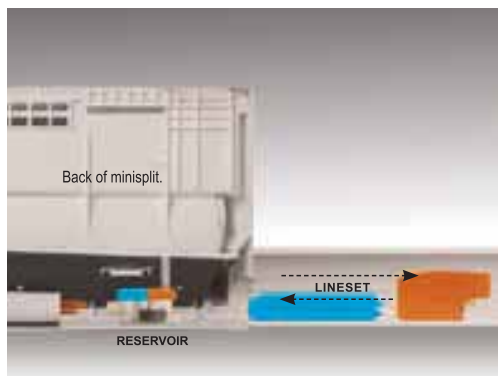
- Maximum water temperature 104 degree F



Type A Installation - side entry lineset

LIME P

filter access.



Type B Installation - exposed straight lineset

extending horizontally to outside wall.

AQUA ORANGE P

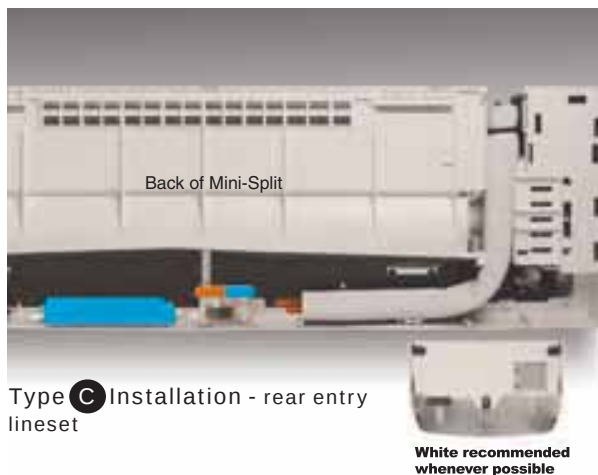
for hidden inside horizontal lineset cover. Reservoir mounts

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

Pump Selector Guide

Electrical	83809 (ASP-MA-UNI)	83811 (ASP-MA-115-SP)	83812 (ASP-MA-230-SP)	83909 (ASP-MO-UNI)	83911 (ASP-MO-115-SP)	83912 (ASP-MO-230-SP)	83919 (ASP-MAXO-UNI)	83849 (ASP-ML-UNI)	83859 (ASP-MLF-UNI)	83851 (ASP-ML-115-SP)	83852 (ASP-ML-230-SP)	83861 (ASP-MLF-230-SP)	83830 (ASP-MAXLF-115)	83831 (ASP-MAXLF-230)	83834 (ASP-MAXOEM-115)	83835 (ASP-MAXOEM-230)	83869 (ASP-MLOEM-UNI)	83939 (ASP-MW-UNI)	83965 (ASP-PERI-UNI-115)	83966 (ASP-PERI-UNI-230)
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Overflow Switch	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mounting	83809 (ASP-MA-UNI)	83811 (ASP-MA-115-SP)	83812 (ASP-MA-230-SP)	83909 (ASP-MO-UNI)	83911 (ASP-MO-115-SP)	83912 (ASP-MO-230-SP)	83919 (ASP-MAXO-UNI)	83849 (ASP-ML-UNI)	83859 (ASP-MLF-UNI)	83851 (ASP-ML-115-SP)	83852 (ASP-ML-230-SP)	83861 (ASP-MLF-230-SP)	83830 (ASP-MAXLF-115)	83831 (ASP-MAXLF-230)	83834 (ASP-MAXOEM-115)	83835 (ASP-MAXOEM-230)	83869 (ASP-MLOEM-UNI)	83939 (ASP-MW-UNI)	83965 (ASP-PERI-UNI-115)	83966 (ASP-PERI-UNI-230)
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Remote Pump Install (ideal for noise sensitive areas)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
P	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
General	83809 (ASP-MA-UNI)	83811 (ASP-MA-115-SP)	83812 (ASP-MA-230-SP)	83909 (ASP-MO-UNI)	83911 (ASP-MO-115-SP)	83912 (ASP-MO-230-SP)	83919 (ASP-MAXO-UNI)	83849 (ASP-ML-UNI)	83859 (ASP-MLF-UNI)	83851 (ASP-ML-115-SP)	83852 (ASP-ML-230-SP)	83861 (ASP-MLF-230-SP)	83830 (ASP-MAXLF-115)	83831 (ASP-MAXLF-230)	83834 (ASP-MAXOEM-115)	83835 (ASP-MAXOEM-230)	83869 (ASP-MLOEM-UNI)	83939 (ASP-MW-UNI)	83965 (ASP-PERI-UNI-115)	83966 (ASP-PERI-UNI-230)
Inline Reservoir Included (5/8 inlet)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Drain Pan Mounted Reservoir Included	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Integral Reservoir on Pump	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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



WHITE P
surface below the evaporator (easy filter access).

AQUA

Type A or B or C Installation
F

PERISTALTIC ORANGE

Peristaltic pumps offer three major benefits for mini-split applications.

1. The ability to run both wet and dry a reservoir and float switch or continuous with the evaporator.
2. The capability to pump contaminants

3. A High level of suction

Minipumps always consists of two elements:

1. Pump body P
2. Reservoir - Contains the filter and the switching mechanism to activate the float switch. The filter must be cleaned regularly.

Minipumps are available in two styles:

1. Split type

6 feet long. On our orange series pumps, this may be extended if required.

2. Monobloc type W

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.

Aqua Series

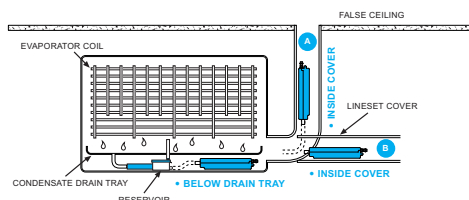


Ultra-slim profile, fits inside evaporator or lineset cover

Code	Universal Voltage Kits	Power Supply	Power Consumption	Ctn. Wt.	Qty.
83809	(ASP-MA-UNI)	100-250 VAC	.07-.13A 16W	2	1
Silent Plus Kits					
83811	(ASP-MA-115-SP)	115 VAC	.13A 16W	2	1
83812	(ASP-MA-230-SP)	230 VAC	.07A 16W	2	1
Mini Kit					
83806	LG Mini 230v artcool picture unit	230 VAC	.07A 16W	2	1

**FEATURES**

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

TYPICAL PUMP LOCATIONS**Specifications:****Duty Cycle:**

50% duty cycle
5 mins on / 5 mins off

Capacity:

Up to 30,000 BTU/hr.
3.7 GPH @ zero head,
0.8 GPH @ 33ft head

Maximum head: 33ft**Suction lift:** 5ft

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

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

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Installation flexibility, proven reliability

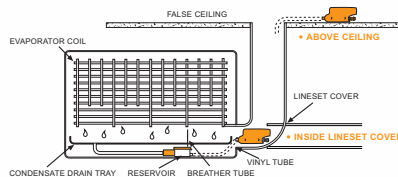
	Power Supply	Power Consumption	Ctn. Wt.	Qty.
Code Universal Voltage Mini Kits				
83909 (ASP-MO-UNI)	100-250 VAC	.11-.18A 16W	2	1
Silent Plus Mini Kits				
83911 (ASP-MO-115-SP)	115 VAC	.18A 16W	2	1
83912 (ASP-MO-230-SP)	230 VAC	.11A 16W	2	1
Maxi Kits				
83919 (ASP-MAXO-UNI)	100-250 VAC	.15-.28A 21W	2	1
15' Extension Cable For Mini Kits				
83891 (ASP-MOEXT)				



FEATURES

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

TYPICAL PUMP LOCATIONS



Specifications:

Duty Cycle:

Mini - continuous

Maxi - 50% 5 mins on / 5 mins off

Capacity:

Mini - Up to 30,000 BTU/hr.

3.2 GPH @ zero head,

0.8 GPH @ 33ft head

Maxi - Up to 60,000 BTU/hr.

10 GPH @ zero head,

3.8 GPH @ 50ft head

Maximum head:

Mini - 33ft Maxi - 50ft

Suction lift: 5ft

Sound level:

Mini - 26dB(A) Maxi - 35dB(A)

Silent Plus - 19dB(A)

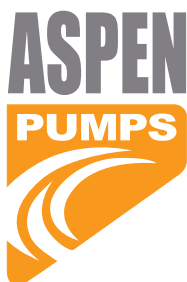
Pump Dimensions:

Mini: L-4 1/4" x W-1 1/2" x H-2"

Maxi: L-4 7/8" x W-1 3/4" x H-2 5/8"



Lime Series



Elbow design, completely reversible, duct included

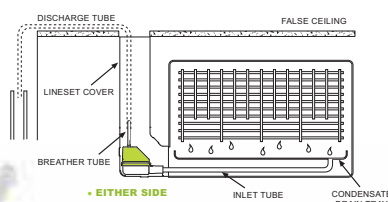
			Power Supply	Power Consumption	Ctn. Wt.	Qty.
Code	Universal Voltage Mini Kits					
83849	(ASP-ML-UNI)	Slimline Ivory	100-250 VAC	.10-.16A 16W	4	1
83859	(ASP-MLF-UNI)	Fortress White	100-250 VAC	.10-.16A 16W	4	1
Silent Plus Mini Kits						
83851	(ASP-ML-115-SP)	Slimline Ivory	115 VAC	.16A 13.5W	4	1
83852	(ASP-ML-230-SP)	Slimline Ivory	230 VAC	.10A 15W	4	1
83861	(ASP-MLF-230-SP)	Fortress White	230 VAC	.10A 15W	4	1
Maxi Kits						
83830	(ASP-MAXLF-115)	Fortress White	115 VAC	.23A 18W	4	1
83831	(ASP-MAXLF-230)	Fortress White	230 VAC	.10A 15W	4	1
OEM Maxi Kits						
83834	(ASP-MAXOEM-115)	No Duct	115 VAC	.16A 13.5W	2	1
83835	(ASP-MAXOEM-230)	No Duct	230 VAC	.10A 15W	2	1
83869	(ASP-MLOEM-UNI)	No Duct	100-250 VAC	.10-.16A 16W	2	1



FEATURES

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

TYPICAL PUMP LOCATIONS



Pump Dimensions without casing:

Mini: L-3³/₄" x H-3¹/₈" x W-1⁵/₈"Maxi: L-3³/₄" x H-3³/₈" x W-1⁵/₈"

Specifications:

Duty Cycle:

Mini - continuous

Maxi - 66% 10 mins on / 5 mins off

Capacity:

Mini - Up to 30,000 BTU/hr.

3.2 GPH @ zero head,

0.8 GPH @ 33ft head

Maxi - Up to 60,000 BTU/hr.

10 GPH @ zero head,

3.8 GPH @ 49ft head

Maximum head:

Mini - 33ft Maxi - 49ft

Sound level:

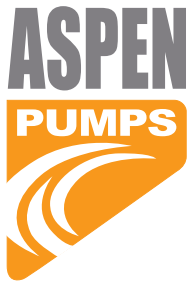
Mini - 27dB(A) Maxi - 35dB(A)

Silent Plus - 21dB(A)



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

White Series



Mounts directly below evaporator, quick installation

Code	Universal Voltage	Power Supply	Power Consumption	Ctn. Wt.	Qty.
83939	(ASP-MW-UNI)	100-250 VAC	.11-.18A 16W	2	1



FEATURES

- 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 mini-split
- 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

Specifications:

Duty Cycle: Continuous

Capacity:

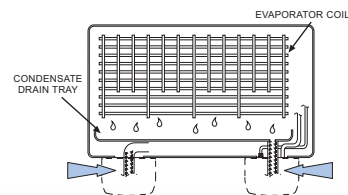
Up to 30,000 BTU/hr.
2.8 GPH @ zero head,
0.8 GPH @ 33ft head

Maximum head: 33ft

Maximum Water Temp: 104° F

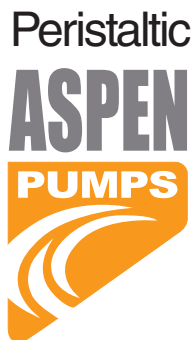
Sound level: 25dB(A)

TYPICAL PUMP LOCATIONS



Pump Dimensions:
L-7 1/8" x H-4 1/2" x W-2"





Ideal for remote location applications

Code	Universal Sensor	Power Supply	Power Consumption	Ctn. Wt.	Qty.
83965	(ASP-PERI-UNI-115)	115 VAC	.20A 46W	6	1
83966	(ASP-PERI-UNI-230)	230 VAC	.20A 46W	6	1
Replacement Pump Head					
83892	(ASP-PERITUBE)				



FEATURES

- 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 @ 5A inductive @ 230V AC

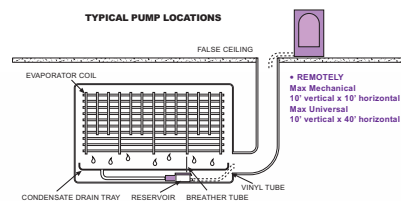
Specifications:

Duty Cycle:

100% Continuous

Capacity:Up to 30,000 BTU/hr.
1.65 GPH @ 39ft head**Maximum head:** 39ft**Maximum Water Temp:** 104° F**Suction Lift:** 10ft**Sound level:** 47dB(A)

TYPICAL PUMP LOCATIONS



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



Mini-Split Condensate Drain Hose and Fittings

HOSE STYLES

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

Insulated
P

UV Resistance
Resists deterioration



NON-INSULATED DRAIN HOSE	RS # (ref. #)	ID	LENGTH	CTN QTY	CTN WT
83001 (DH-14) LITE					
83002 (DH-16) STANDARD		5/8			
83003 (DH-16S) STANDARD		5/8			
83004 (DHQ-16) UV RESISTANT		5/8			
83005 (DSB-16) SMOOTH BORE		5/8			
83006 (DSB-20) SMOOTH BORE					8
INSULATED DRAIN HOSE					
83011 (DSH-14) SMOOTH BORE					
83012 (DSH-20N) SMOOTH BORE					
83013 (DSH-25N) SMOOTH BORE					
HOSE COUPLER					
83021 (DSH14J) JOIN DSH-14					
83023 (DSH20NJ) JOIN DSH-20					
83028 (DHJ-14)					
83029 (DHJ-16)		5/8			
83031 (DSH-14C) INSULATED					
PIPE ADAPTOR					
83020 (DH-14-16V) DSH-14 TO 3/4 PVC					
83024 (DSH-20-NV) DSH-20 TO 3/4 PVC					
VENTED DRAIN WYE					
83022 (DY-16)		5/8			
WALL SLEEVE			SIZE	CTN QTY	CTN WT
83017 (NFP-75) WALL SLEEVE			x		
83015 (FPS-65) 5° INCLINED WALL SLEEVE			2 1/2" X UP TO 8"		
NON-ADHESIVE WRAP					
83016 (HN-75-I) UV RESISTANT NON-ADHESIVE WRAP			x		
INTERCONNECT CABLE					
87795 (CAB-14450) 4/C 14 GAUGE SHIELDED					
87790 (CAB-144100) 4/C 14 GAUGE SHIELDED					

* EZT-180 Mini waterless in-line trap can be found on page 20.

SAFE-T-SWITCH®

Condensate Overflow Switch

The Most Reliable Switch

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

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

US Patent No. 6,698,215



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 40 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	25



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



SAFE-T-SWITCH

Electronic Probe Sensors

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 yellow wire only
- 5 amp carrying capacity

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



US Patent Pending

SS 500 EP

Commercial rooftop downflow units

Code	Description	Qty.
97693	SS 500 EP	24

**FEATURES**

- Electronic probe sensor
- Simple 2-wire design
- Onboard LED indicator
- Plenum rated wire
- Connect to yellow wire only
- 5 amp carrying capacity

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



US Patent Pending

SS610E

Mini-Split systems

Code	Description	Qty.
97622	SS610E	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



US Patent Pending

SS700E

Directly in the secondary drain pan

Code	Description	Qty.
97695	SS700E	24



FEATURES

- Multiple mounting angles
- Works in any position
- Universal puck works in all secondary drain pans
- Onboard LED indicator
- Stainless steel bracket will not rust
- Automatically resets when water drains or is removed from secondary pan

Application • Designed to work in any position within a secondary drain pan, eliminating screws and clips • Multiple position option for the sensor and provides adjustable height • Great for use in plastic overflow pans with round edges



US Patent Pending

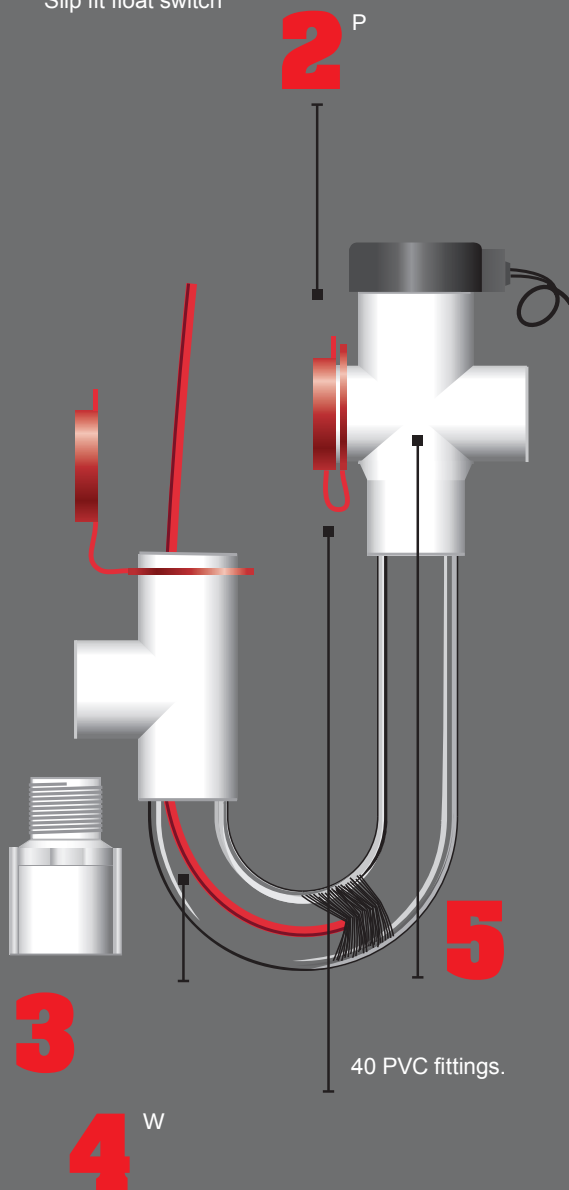
EZ TRAP®

Condensate Traps & Overflow Switches

Easy Maintenance & Overflow Protection

1 SmartTrap™ (200 SERIES)
adds a float switch that

Slip fit float switch



40 PVC fittings.

EZ TRAP

2 Year Warranty

(Patent No. 5,069,042)

100
SERIES

ClearTrap™ kits

Clear cleanable trap.

RS # (ref. #)

Size

83113 (EZT113)



Economy trap kit no/brush

Includes:

1 drop.

RS # (ref. #)

Size

83114 (EZT113B)



Economy trap kit w/brush

Includes:

1 drop.

RS # (ref. #)

Size

83119 (EZT119)



High flow commercial trap kit

Includes:

1" tee, 1" x 3/4 reducer bushing, 3/4" black

1 drop.

RS # (ref. #)

Size

83105 (EZT105)



Deep cross trap kit
for fluctuating static pressure found in systems

Includes:

drop.

3

Accessories

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 (EZT205)



Deep SmartTrap kit
for fluctuating static pressure found in

Includes:
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.



RS # (ref. #)

Size

83207 (EZT207)



Side entry SmartTrap kit

Includes:

float switch assembly, 48" cable,
1 drop.



RS # (ref. #)

Size

83210 (EZT210)



Standard SmartTrap kit
fits most applications requiring

Includes:
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.



RS # (ref. #)

Size

83230 (EZT230)



Tamper resistant SmartTrap kit
F

Includes:
3/4" locking cap, 1"x 3/4" bushing,
float switch assembly, 48" cable,
1 drop.



220 SERIES

Overflow switches

Float switch overflow protection.

RS # (ref. #)

Size

83224 (EZT224)



Compact overflow switch
with 3/4" male threaded inlet
Thread into fitting on secondary drain pan.

Includes: 1"x 3/4" male threaded street ell,
float switch assembly, 48" cable.



RS # (ref. #)

Size

83225 (EZT225)



**Inline universal primary/
secondary overflow switch**

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.



RS # (ref. #)

Size

83226 (EZT226)



Compact overflow switch
with 3/4" female slip inlet

Includes: 1"x 3/4" slip female street ell,
3/4" male adaptor, float switch assembly,
48" cable.



RS # (ref. #)

Size

83228 (EZT228)



**Inline primary/secondary
overflow switch**
Same as 225 with clear extension tube

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.



Condensate
Management

Compressor
Maintenance

Air Diffusers

Linesets &
Lineset Covers

Locking
Refrigerant 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**

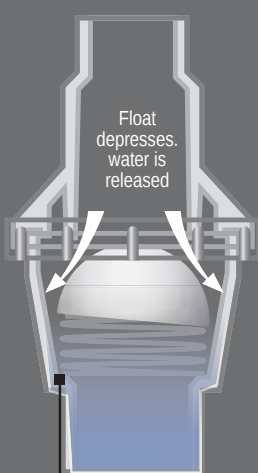
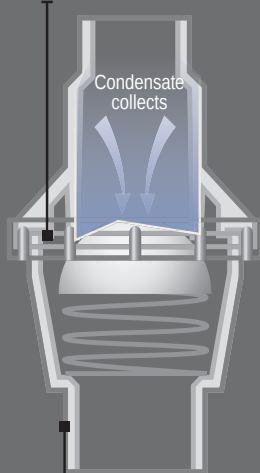
1 UltraTrap™

assisted float eliminates
standing water and freezing

P
allows free flow

airflow.

2



3

4

EZ TRAP

2 Year Warranty

(Patent No. 6,698,225)

**100
SERIES**

Waterless kits

Waterless freeze protection.

RS # (ref. #)

Size

83150 (EZT150)

3/4" OR 1"



UltraTrap waterless trap kit
eliminates standing water and freezing prob
P

Includes:

U. S. Patent No. 6,698,225

RS # (ref. #)

Size

83180 (EZT180)

5/8"



Mini waterless in-line trap
sized for use in ductless mini-split applications.

Permits free condensate flow while blocking
odors, noise and insects. Freeze resistant.

Includes: 5/8" MiniTrap, 9/16" adapter.

**600
SERIES**

Combo kit

Clear Trap and Overflow Switch

RS # (ref. #)

Size

83626 (EZT626)

"

F



Compact overflow switch
with 3/4" female slip inlet

Includes: 1"x 3/4" slip female
street ell, 3/4" male adaptor, float
switch assembly, 48" cable.

Economy trap kit w/brush

Includes:

1 drop.



Condensate Drain Line Cleaners

Condensate
Management

Compressor
Maintenance

Air Diffusers

Linesets &
Lineset Covers

Looking
Refrigerant 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
- Enzyme based
- Environmentally friendly

Application • Helps prevent A/C drain line clogs and water leaks by preventing accumulation of 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
- High volume, low pressure

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 • 3/4" adapter • Spare O-rings



Compressor Maintenance

Kickstart® •

Acid-Away® •

Acid-Away® for POE •

Acid-Detector™ •

Acid-Detector™ for POE •

Oil-ID™ •

Turbo-Kleen™ •



Kickstart®**The Original 2-Wire
Hard Start Device****Potential Relay & Start Capacitor****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 providing the correct torque to bring 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
- TO-5 handles 1.0 - 3.0 ton





Compressor Acid Neutralizer

Recommended by Compressor Manufacturers
and Proven to Neutralize Acid After Burnouts



Condensate
Management

Compressor
Maintenance

Air Diffusers

Linesets &
Lineset Covers

Looking
Refrigerant Caps

Equipment
Mounting

Specialty
Chemicals

Air Conditioning
Chemicals

Heating
Chemicals

Other Related
Products

Acid-Away®

Compressor burnout acid neutralizer

Code	Description	Qty.
45004	4 oz.	12

FEATURES

- Stays active in the system to prevent any future acid
- Great for preventive maintenance
- Safe for system components
- Tested to ANSI/ASHRAE standards 86-1983 & 97-1989
- Approved & recommended by OEM's
- More effective than claimed neutralizers or scavengers

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 • Protects from future burnouts • Neutralizes acid molecules, unlike other products which merely coagulate to be caught in the filter drier

Recommended for • Specially formulated for both hermetic or semi-hermetic compressors that operate with standard CFC or HCFC refrigerants using mineral oil or alkybenzene type refrigeration oils



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

ACID-AWAY®

Compressor Acid Neutralizer

Recommended by Compressor Manufacturers and Proven to Neutralize Acid After Burnouts



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
- Great for preventative maintenance
- Tested to ANSI/ASHRAE standards 86-1983 & 97-1989
- Approved & recommended by OEM's

Application • Prevents compressor burnouts by removing the acid buildup that can occur in Polyol Ester refrigeration oils used in A/C and refrigeration systems • Neutralizes acid molecules, unlike other products which merely coagulate to be caught in the filter drier

Recommended for • Specifically formulated for both hermetic or semi-hermetic compressors that operate with Polyol Ester oils & is safe for use in all oils



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



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



Condensate Management

Compressor Maintenance

Air Diffusers

Linesets & Lineset Covers

Looking Refrigerant Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products



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 combination of chemical cleaning and scrubbing
- Stays active during the entire cleaning process
- Low toxicity
- 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



U. S. Patent No. 8,298,345

Air Diffusers

Airtec® Classic •

Airtec® Retro •

Airtec® Tuffbox •



Airtec®

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 ensures efficient and quiet air delivery.



U. S. Patent No. 6,557,826

Return
Exhaust

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.



U. S. Patent No. 6,557,826

Contact: RectorSeal®

☎ 713-263-8001

| 800-231-3345

☎ 713-263-7577

| 800-441-0051

🌐 www.rectorseal.com

Condensate
Management

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Maintenance

Air Diffusers

Linesets &
Lineset Covers

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Refrigerant Caps

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Specialty
Chemicals

Air Conditioning
Chemicals

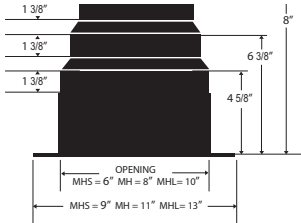
Heating
Chemicals

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.**

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 1 3/8" 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.

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.



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

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

8" size only. Available in all five

Ceiling Support Flanges

Rough In Flanges



Model RCF

Our RCF flashing can be as fast as a 3/8" lip that drops below the
RCF flanges are available for

RS # (ref. #)	DESCRIPTION	L	W	H	CTN QTY	CTN WT
81965 (RCF16)		16"	12"	3/8"	50	37 lbs.
81964 (RCF24)		8"	12"	3/8"	25	38 lbs.
81955 (RCF16S)		16"	12"	3/8"	50	48 lbs.
81954 (RCF24S)		8"	12"	3/8"	25	39

Grille Only



Model GR
and sizes of both Airtec Classic and Airtec Retro grilles are available

Drop Ceiling Flanges



Model DCF
F

RS # (ref. #)	DESCRIPTION	L	W	H	CTN QTY	CTN WT
81963 (DCF)		8"				
81953 (DCFS)		8"	12"	2"	25	48 lbs.

Airtec®

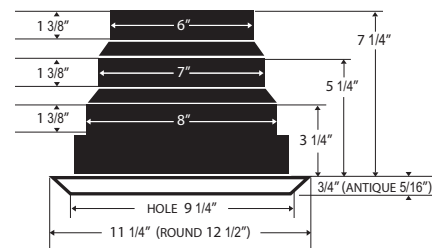
Diffuser Ordering
Information

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 <i>no damper</i>		

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.

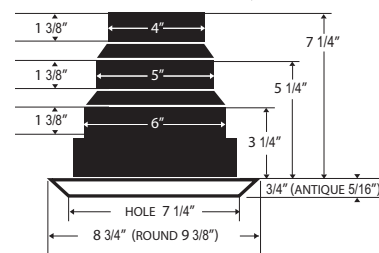


Airtec Classic small 6x6"

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 <i>no damper</i>	8	10.5 lbs.

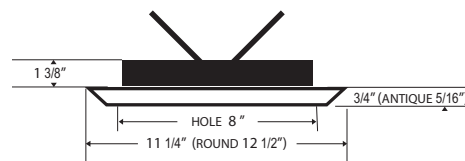
Airtec Retro small 6x6"

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.



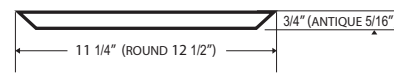
Limited clearance grille/damper

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	12	15.8 lbs.
81948 (GRDAB)	Retro grille/damper	12	15.8 lbs.



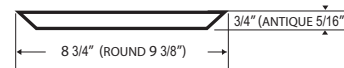
Standard Limited clearance grille only

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81832 (GR2)			
81833 (GR3)			
81834 (GR4)			
81831 (GR360S)	Round grille	15	6 lbs.
81835 (GRE)	Return/exhaust grille	25	6 lbs.
81839 (GRAW)	Retro grille	25	8 lbs.
81838 (GRAB)	Retro grille	10	8 lbs.



Small limited clearance grille only

RS # (ref. #)	DESCRIPTION	CTN QTY	CTN WT
81822 (GR2S)			
81823 (GR3S)			
81824 (GR4S)			
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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	W		
	W		
	W	8.0	
	W	9.8	
	W		
	W		
	W		
	W	17.8	
250	.108 W		
	W		
	W		

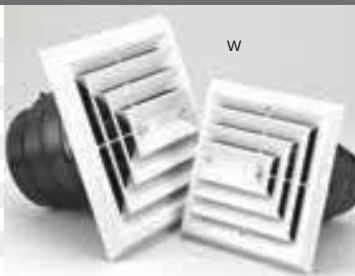


RS # (ref. #)
81902 (MV2S) & 81822 (GR2S) (6x6") Ak=.17

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.028 W		308
	W		
	W		
	W	8.9	
125	.181 W		785
	W		
	W		
	W		

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.008 W		188
	W	6.8	
	W	8.1	
	W		
125	.038 W		
	W		
	W	15.8	
	W	18.0	689
250	.148 W		862
	W		
350	.289 W		



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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	W		
	W		
	W	8.8	
	W		
	W		785
	W		880
	W		
	W	12.8	1182

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	W		183
	W		
	W		
	W	7.8	
	W	8.9	
	W		
	W		
	W		833
	W		
	W	24.8	



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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
75	.085 W		
	W		
	W	8.2	
	W		
	W		
	W		875
	W		

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	W		
	W		
	W	3.8	
	W		328
	W		381
	W		
	W		
	W	8.0	
300	.038 W		
	W		



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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	W	0.8	
	W		284
	W		
110	.018 W		
	W		
	W		
	W		

*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.

Airtec®

Diffuser Air Flow
Specifications

RS # (ref. #)

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
75	w	0.8	
	.0008 w		
	w		
	w	7.8	
200	w		
	.0080 w	12.8	
	w		
	w	14.8	
	w		1187



RS # (ref. #)

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0008 w		
75	.0018 w		
	w		285
	w		338
	w	8.7	
150	.0085 w	9.8	
	w		
	w		685

RS # (ref. #)

81916 (MXE) (8x8") Ak=.37

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
75	w	0.8	
	.0008 w		
	w		
	w	7.8	
200	w		
	.0080 w	12.8	
	w		
	w	14.8	
	w		1187



RS # (ref. #)

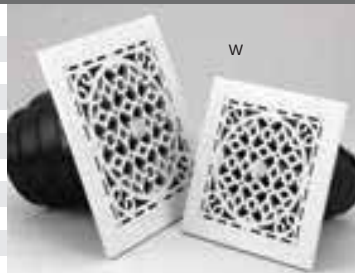
81906 (MXES) (6x6") Ak=.31

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0008 w		
75	.0018 w		
	w		285
	w		338
	w	8.7	
150	.0085 w	9.8	
	w		
	w		685

RS # (ref. #)

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	w		
	w	6.8	
	w	8.2	383
	w		
150	.0085 w		
	w		
	w		841
	w		
	w		
	w		
	w		



RS # (ref. #)

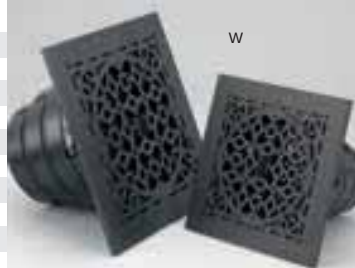
81919 (MVASW) & 81829 (GRASW) (6x6") Ak=.20

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0085 w		
75	.0185 w		
	w		
	w		
	w		
	w		899
	w		988

RS # (ref. #)

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
	w		
	w	6.8	
	w	8.2	383
	w		
150	.0085 w		
	w		
	w		841
	w		
	w		
	w		
	w		



RS # (ref. #)

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

CFM	PRESSURE LOSS	THROW*	FACE VELOCITY**
55	.0085 w		
75	.0185 w		
	w		
	w		
	w		
	w		899
	w		988

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

Linesets & Lineset Covers

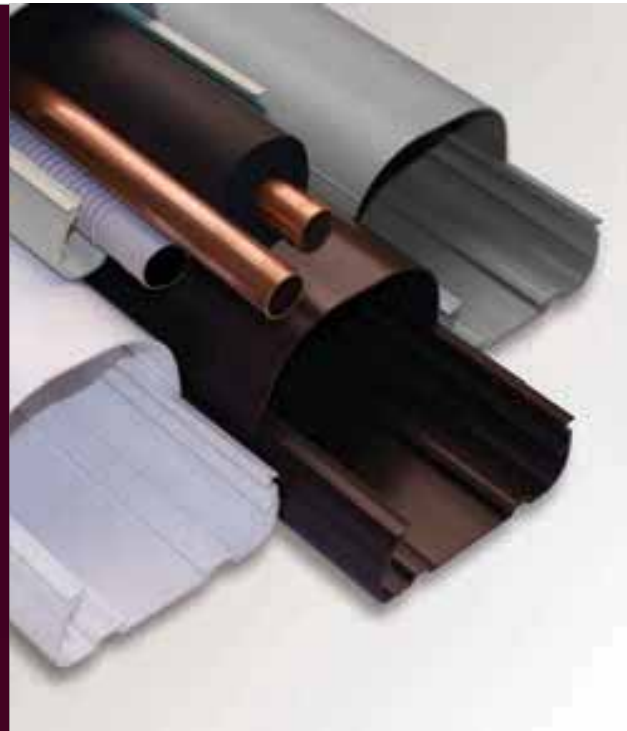
Fortress® Lineset Ducting System •

Slimduct® Lineset Ducting System •

PD Series •

NoKink™ •

Paircoil •





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.
- 4 colors.
- 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



Application. F

Strong. F ducting is extruded

Protective. F

Easy to install. F

Stylish. F

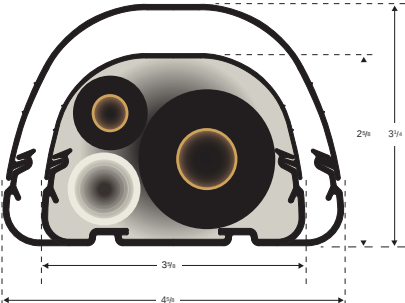
Ducting is available in two lineset sizes

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

Technical Information

Weather Resistance
W P
UV stabilized & fire resistant.

Temperature Range
F F



Size Specifications
Choose duct size

4 Colors for Residential & Commercial Applications



NOTE: Dark colors fade in sunlight sooner than lighter colors

**NEW!**Longer 8ft ducting
minimizes joints and

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"
	LCFI92	3 1/2	45° Inside Vertical Ell	4 3/4"	3 7/8"	2 3/4"
	LCFI122	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	84362 (LCI122B)	1	84342 (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



LDK Kit includes:

W W
F
F

Order:

84005 (LDK92W) W 3 1/2
84105 (LDK122W) W 4 1/2
84025 (LDK92I) 3 1/2
84125 (LDK122I) 4 1/2



NEW!

Ducting and
fittings packaged
6 per box
minimize inventory

Condensate
Management

Compressor
Maintenance

Air
Diffusers

Linesets &
Lineset Covers

Locking
Refrigerant Caps

Equipment
Mounting

Specialty
Chemicals

Air Conditioning
Chemicals

Heating
Chemicals

Other Related
Products

SLIMDUCT®

Lineset Ducting System

Lineset Covers

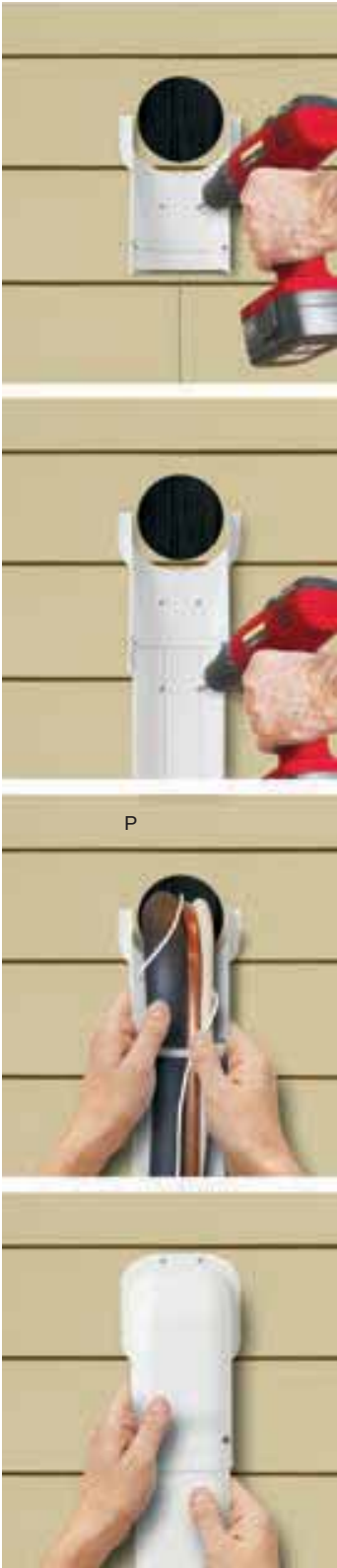
Attractive lineset ducting system for the professional installer.

SlimDuct: • Heavy weight professional grade • Gloss finish

- 3 sizes.
- 3 colors.
- 15 fittings. Assures complete flexibility of installation
- 78 lengths. 5 lengths per box
- 10 fittings per box.
- 1 year warranty.



Quick Installation



Application.

Strong. ducting is extruded
 & fire

F F

Protective.

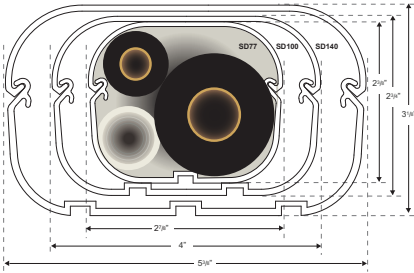
Easy to install.

Stylish.
 sizes. Each size is available in three

Technical Information

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

Temperature Range
 F F



Size Specifications
 Choose duct size

3 Colors for Residential & Commercial Applications



NOTE: Dark colors fade in sunlight sooner than lighter colors

SLIMDUCT is a registered trademark of Inaba Denki Sangyo Co.

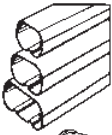
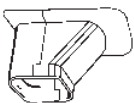
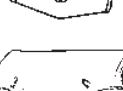
Condensate Management	Compressor Maintenance	Air Diffusers	Linesets & Lineset Covers	Looking Refrigerant Caps	Equipment Mounting	Specialty Chemicals	Air Conditioning Chemicals	Heating Chemicals	Other Related Products
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SLIMDUCT®

Lineset Ducting System

Lineset Covers

Ordering Information

	RS# (ref. #) White	RS# (ref. #) Ivory	RS# (ref. #) Brown	Description	L	W	H
	85004 (SD-77-W)	85024 (SD-77-I)	85064 (SD-77-B)	SD Slimduct 78" length 77	78"	2 7/8"	2 3/8"
	85104 (SD-100-W)	85124 (SD-100-I)	85164 (SD-100-B)	SD Slimduct 78" length 100	78"	4"	2 3/4"
	85204 (SD-140-W)	85224 (SD-140-I)	85264 (SD-140-B)	SD Slimduct 78" length 140	78"	5 3/8"	3 1/4"
	86010 (SJ-77-W)	86030 (SJ-77-I)	85370 (SJ-77-B)	SJ coupler 77	2"	3 3/8"	2 5/8"
	86110 (SJ-100-W)	86130 (SJ-100-I)	85470 (SJ-100-B)	SJ coupler 100	2 1/2"	4 1/4"	3"
	86210 (SJ-140-W)	86230 (SJ-140-I)	85570 (SJ-140-B)	SJ coupler 140	3 1/2"	5 3/4"	3 3/8"
	86016 (SW-77-W)	86036 (SW-77-I)	85376 (SW-77-B)	SW wall inlet 77	8"	4 3/8"	3"
	86116 (SW-100-W)	86136 (SW-100-I)	85476 (SW-100-B)	SW wall inlet 100	8 3/4"	5"	3 3/8"
	85216 (SW-140-W)	85236 (SW-140-I)	85576 (SW-140-B)	SW wall inlet 140	11"	6 1/2"	3 3/8"
	85014 (SP-77-W)	85034 (SP-77-I)	85374 (SP-77-B)	SP soffit inlet 77	5 1/8"	4 3/8"	5 1/8"
	86114 (SP-100-W)	86134 (SP-100-I)	85474 (SP-100-B)	SP soffit inlet 100	5 3/8"	5 3/8"	5 3/8"
	85214 (SP-140-W)	85234 (SP-140-I)	85574 (SP-140-B)	SP soffit inlet 140	5 3/4"	6 1/8"	5 3/4"
	86007 (SE/SEN-77-W)	86027 (SE/SEN-77-I)	85367 (SE/SEN-77-B)	SEN end fitting 77	1 3/4"	3 1/4"	2 5/8"
	86107 (SEN-100-W)	86127 (SEN-100-I)	85467 (SEN-100-B)	SEN end fitting 100	4 1/2"	4 1/4"	3"
	86207 (SEN-140-W)	86227 (SEN-140-I)	85567 (SEN-140-B)	SEN end fitting 140	6"	5 3/4"	3 3/8"
	86011 (SK-77-W)	86031 (SK-77-I)	85371 (SK-77-B)	SK 90° flat ELL 77	5"	2 5/8"	5"
	86111 (SK-100-W)	86131 (SK-100-I)	85471 (SK-100-B)	SK 90° flat ELL 100	6"	3"	6"
	85211 (SK-140-W)	85231 (SK-140-I)	85571 (SK-140-B)	SK 90° flat ELL 140	7 1/2"	3 3/8"	7 1/2"
	85012 (SKF-77-W)	85032 (SKF-77-I)	85372 (SKF-77-B)	SKF 45° flat ELL 77	4 1/2"	3 1/4"	2 5/8"
	86112 (SKF-100-W)	86132 (SKF-100-I)	85472 (SKF-100-B)	SKF 45° flat ELL 100	5 1/4"	4 1/4"	3"
	85212 (SKF-140-W)	85232 (SKF-140-I)	85572 (SKF-140-B)	SKF 45° flat ELL 140	6 1/4"	5 3/4"	3 3/8"
	86002 (SC-77-W)	86022 (SC-77-I)	85362 (SC-77-B)	SC 90° vertical ELL 77	4"	3 1/4"	4"
	86102 (SC-100-W)	86122 (SC-100-I)	85462 (SC-100-B)	SC 90° vertical ELL 100	4 5/8"	4 1/4"	4 5/8"
	85202 (SC-140-W)	85222 (SC-140-I)	85562 (SC-140-B)	SC 90° vertical ELL 140	5"	5 3/4"	5"
	85000 (SCF-77-W)	85020 (SCF-77-I)	85360 (SCF-77-B)	SCF 45° vertical ELL 77	4 1/8"	3 1/4"	2 5/8"
	86100 (SCF-100-W)	86120 (SCF-100-I)	85460 (SCF-100-B)	SCF 45° vertical ELL 100	4 3/8"	4 1/4"	3"
	85200 (SCF-140-W)	85220 (SCF-140-I)	85560 (SCF-140-B)	SCF 45° vertical ELL 140	4 5/8"	5 3/4"	3 3/8"
	86015 (ST-77-W)	86035 (ST-77-I)	85375 (ST-77-B)	ST TEE 77	6 1/2"	4 7/8"	2 5/8"
	86115 (ST-100-W)	86135 (ST-100-I)	85475 (ST-100-B)	ST TEE 100	7 1/8"	6"	3"
	85215 (ST-140-W)	85235 (ST-140-I)	85575 (ST-140-B)	ST TEE 140	9 7/8"	7 7/8"	3"
	85106 (SDR-100-77-W)	85126 (SDR-100-77-I)	85466 (SDR-100-77-B)	SDR reducer 100-77	2 1/2"	4 1/4"	3"
	86206 (SDR-140-100-W)	86226 (SDR-140-100-I)	85566 (SDR-140-100-B)	SDR reducer 140-100	4"	5 3/4"	3 3/8"
	86018 (SIF-77-W)	86038 (SIF-77-I)	85378 (SIF-77-B)	SIF 2" fixed offset 77	7 1/8"	3 1/4"	3 1/4"
	86118 (SIF-100-W)	86138 (SIF-100-I)	85478 (SIF-100-B)	SIF 2" fixed offset 100	7 1/8"	4 1/4"	4 1/4"
	85008 (SF-77-500-W)	85028 (SF-77-500-I)	85368 (SF-77-500-B)	SF flexible ELL 20" length 77-500	19 1/2"	3"	2 1/2"
	86108 (SF-100-800-W)	86128 (SF-100-800-I)	86468 (SF-100-800-B)	SF flexible ELL 31" length 100-800	31 1/2"	4"	2 3/4"
	85208 (SF-140-800-W)	85228 (SF-140-800-I)	85568 (SF-140-800-B)	SF flexible ELL 31" length 140-800	31 1/2"	5 3/4"	3 3/8"
	-	85188 (SF-77-1000-I)	-	SF flexible ELL 39" length ivory 77-1000	2 3/2"	3"	2 1/2"
	85009 (SFJ-77-W)	85029 (SFJ-77-I)	85369 (SFJ-77-B)	SFJ flexible adaptor 77	1 3/8"	3 1/4"	3 1/4"
	85109 (SFJ-100-W)	85129 (SFJ-100-I)	85469 (SFJ-100-B)	SFJ flexible adaptor 100	1 1/2"	4 1/4"	4 1/4"
	86105 (SWC-100-W)	-	-	SD 3.75" Slim wall flange 100	5 5/8"	1 5/8"	6 7/8"
	85205 (SWC-140-W)	-	-	SD 5.5" Slim wall flange 140	7 1/8"	1 5/8"	8 2/3"
	86005 (SWC-77-W)	86025 (SWC-77-I)	-	SD 2.75" Slim wall flange 77	4 1/2"	1 5/8"	5"
	85080 (SN-77-W)	85085 (SN-77-I)	85395 (SN-77-B)	SD 2.75" Twist ELL 77	5 1/2"	5 1/2"	3 3/16"
	86001 (SFS-77)	-	-	SFS saddle for flexible ELL (stainless steel) 77	1 3/8"	3 1/4"	2 1/2"
	86101 (SFS-100)	-	-	SFS saddle for flexible ELL (stainless steel) 100	1 1/2"	3 1/4"	3"
	86201 (SFS-140)	-	-	SFS saddle for flexible ELL (stainless steel) 140	1 1/2"	4 1/4"	3"
	86299 (SL-300)	-	-	SL strap kit for line sets	-	-	-

INABA DENKO

PD Series



PVC Duct Systems for Light Commercial VRF & Industrial Linesets

Functional & Professional Appearance

Light & Tough: UV & weather resistant heavy duty PVC construction resists deformation.

The PD series is designed to protect linesets from the elements, vandalism and mechanical damage while enhancing the external appearance of the entire system.

Currently available in 2 sizes, 3.5" diameter and 4.7" diameter, this series is designed primarily for use in smaller VRF systems.

It is particularly effective for cladding any configuration of final connections into a condenser.

In addition, this series can be used for industrial linesets for both refrigeration and conventional Air Conditioning applications.

The PD Series can be fitted during the installation process or can easily be retrofitted after the linesets have been installed.

Easy Installation: All duct and fittings disassemble for ease of installation and mount with commercially available standard wall mounted pipe brackets.

Specifications & Technical Information

Application	Offset from vertical or horizontal surface
Temperature Range	-4°F to 140°F (surface temperature)
Material	Fire resistant & UV stable rigid PVC
Color	Ivory

Maximum Lineset Combinations

Item No.	Matching Pipe Clamp Size*1	Insulation Thickness		
		0.39" x 0.39" *2	0.39" x 0.78" *2	0.78" x 0.78"
PD-90	3.5" or less	0.62" x 1.12"	0.37" x 0.75"	-
PD-120	4.7" or less	0.75" x 1.50"	0.75" x 1.25"	0.37" x 0.75"

*1 System is designed for use with pipe clamps sized for steel pipe. Pipe clamps sized for PVC pipe can also be used provided their OD is 3.5" or less.

*2 Lineset capacity mentioned is based on Insulation thickness up to 0.75". For thicker insulation reduce Lineset capacity accordingly.

Ordering Information

RS# (ref. #)	Description (Ivory)
86403 (PD90-1000-I)	PD 90 duct 3.5" x 38"
86413 (PD90-1500-I)	PD 90 duct 3.5" x 58"
86404 (PD120-1000-I)	PD 120 duct 4.7" x 38"
86414 (PD120-1500-I)	PD 120 duct 4.7" x 58"
86401 (PDE-90-I)	PD 90 - 90° ELL
86411 (PDE-120-I)	PD 120 - 90° ELL
86400 (PDJ-90-I)	PD 90 plain coupler
86402 (PDF-90-I)	PD 90 - 45° ELL
86412 (PDF-120-I)	PD 120 - 45° ELL
86410 (PDJ-120-I)	PD 120 plain coupler
86405 (PDT-90-I)	PD 90 TEE
86415 (PDT-120-I)	PD 120 TEE

RS# (ref. #)	Description (Ivory)
86406 (PDC-90-I)	PD 90 end fitting
86416 (PDC-120-I)	PD 120 end fitting
86407 (PWP-90-I)	PD 90 wall flange
86417 (PWP-120-I)	PD 120 wall flange
86409 (PDB-90-I)	PD 90 mounting coupler
86419 (PDB-120-I)	PD 120 mounting coupler
86429 (PDL)	PD metal mounting clip
86420 (PDPC-90)	PD 90 pipe clamp 3.5"
86421 (PDPC-120)	PD 120 pipe clamp 4.7"
86425 (PDTM60)	PD TEE type mounting bracket, 2.5" long
86426 (PDTM80)	PD TEE type mounting bracket, 3" long
86427 (PDTM100)	PD TEE type mounting bracket, 4" long

RectorSeal® NoKink™

RectorSeal® NoKink™

Flexible mini-split refrigerant line connector

Code	Description	Qty.
66731	1/4" flex hose	4
66733	3/8" flex hose	4
66737	1/2" flex hose	4
66735	5/8" flex hose	4

FEATURES

- Eliminates kinking of refrigerant line
- Stainless steel internal piping & jacketing
- 3" copper stubs allow for easy flaring & quick connections
- Operating Pressure Rating: 800psi
- 4 sizes available

Application • Corrugated 300 series stainless steel flexible piping, protected with woven stainless steel jacketing, connects evaporator units to linesets quickly and easily

- Eliminate kinks and refrigerant leaks
- Allows for ease of future maintenance



RectorSeal® Paircoil

Pre-insulated and paired linesets

Code	Description	Qty.
87780	1/4" liquid line w/ 1/4" insulation & 3/8" suction line w/ 1/4" insulation	1
87785	1/4" liquid line w/ 1/4" insulation & 1/2" suction line w/ 3/8" insulation	1

FEATURES

- 65' rolls can be freely cut
- Tough, coated insulation will not tear

Application • For air conditioning & refrigeration installations using R410A, R22, etc. • Saves time and labor on mini-split installs & retrofits



Locking Refrigerant Caps

Novent® •

GasGuard™ •



NOVENT®

Locking Refrigerant Caps

Dual protection.

Simple key style installation.



It's in the Code. Effective February 2009 the International Mechanical Code and International Residential Code now require that all outdoor access ports on A/C 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."

Novent® Starter Pack

Caps & keys

Code	Description	Qty.
86668 (NG-STARTPACK)	(3) R22, (3) R410 caps & (1) Multikey	10
86680 (NP-STARTPACK)	(6) R410 caps & (1) Multikey	10
86690 (NS-STARTPACK)	(6) UNI caps & (1) Multikey	10

FEATURES

- Resists crushing & removal without key
- Corrosion resistant anodized aluminum
- Integral neoprene O-ring resists oils & sealants
- Torque limiter prevents overtightening

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous gases

Recommended for

- All types of refrigerants;
- Color coded caps and embossed ID prevent refrigerant gas mixing

1/4" Thread Silver

1/4" Thread Pink

1/4" Thread Green

Patent No. 6,612,455



Novent® Keys

Special removal tool

Code	Description	Qty.
86698 (NVMULTIKEY)	Multikey blister	20
86688 (NP-R410SDT)	Pink screwdriver	20
86660 (NG-R22-SDT)	Uni & green screwdriver	20

FEATURES

- Selection of installation tools available
- Corrosion resistant

Application • 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

Recommended for

- All types of refrigerants

Patent No. 6,612,455



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

Novent® Silver

Any gas, 1/4" thread, key

Code	Description	Qty.
86692 (NP-UNI)	2 cap blister	20
86691 (NP-UNI)	10 cap blister	10
86693 (NP-UNI)	50 cap box	1

FEATURES

- Resists crushing & removal without key
- Corrosion resistant anodized aluminum
- Integral neoprene O-ring resists oils & sealants
- Torque limiter prevents overtightening

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous gases

Recommended for

- Any gas

1/4" Thread Silver

Patent No. 6,612,455



Novent® Pink

R410, 1/4" thread & Euro 5/16" thread, key

Code	Description	Qty.
86682 (NP-R410)	2 cap blister	20
86681 (NP-R410)	10 cap blister	10
86683 (NP-R410)	50 cap box	1
86672 (NPE-R410)	2 cap blister	20
86673 (NPE-R410)	50 cap box	1

FEATURES

- Resists crushing & removal without key
- Corrosion resistant anodized aluminum
- Integral neoprene O-ring resists oils & sealants
- Torque limiter prevents overtightening

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous gases

Recommended for

- R410

1/4" Thread
5/16" Thread
Pink

Patent No. 6,612,455



Novent® Green

R22, 1/4" thread, key

Code	Description	Qty.
86662 (NG-R22)	2 cap blister	20
86661 (NG-R22)	10 cap blister	10
86663 (NG-R22)	50 cap box	1

FEATURES

- Resists crushing & removal without key
- Corrosion resistant anodized aluminum
- Integral neoprene O-ring resists oils & sealants
- Torque limiter prevents overtightening

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous gases

Recommended for

- R22

1/4" Thread Green

Patent No. 6,612,455



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Locking
Refrigerant Caps

Equipment
Mounting

Specialty
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Air Conditioning
Chemicals

Heating
Chemicals

Other Related
Products

GasGuard™

GasGuard™ Universal

Code	Description	Qty.
86640	1/4" Universal Socket Tool / 2 Free Caps	10
86641	1/4" Uni 10 cap blister	10
86643	1/4" Uni 50 cap pack	1
86646	1/4" Uni 100 cap pack	1
86650	5/16" Universal Socket Tool / 2 Free Caps	10
86621	5/16" Uni 10 cap blister	10

FEATURES

- Resists crushing & removal without socket tool
- Corrosion resistant stainless steel
- Locking cap has no keyhole to clog
- Integral neoprene O-ring resists oils & sealants

Keyless Locking Refrigerant Gas Caps
The simplest way to comply with IMC & IRC codes for protection against refrigerant gas misuse.

Silver, 1/4" thread & 5/16" thread, socket

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous refrigerants

Recommended for

- Any gas

1/4" Thread

5/16" Thread

Silver

Patent Pending



GasGuard™ R410

Pink, 1/4" thread, socket

Code	Description	Qty.
86630	1/4" R410 Socket Tool / 2 Free Caps	10
86631	1/4" R410 10 cap blister	10
86633	1/4" R410 50 cap pack	1
86636	1/4" R410 100 cap pack	1

FEATURES

- Resists crushing & removal without socket tool
- Corrosion resistant stainless steel
- Locking cap has no keyhole to clog
- Integral neoprene O-ring resists oils & sealants

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous refrigerants

Recommended for

- R410

1/4" Thread

Pink

Patent Pending



GasGuard™ R22

Green, 1/4" thread, socket

Code	Description	Qty.
86610	1/4" R22 Socket Tool / 2 Free Caps	10
86611	1/4" R22 10 cap blister	10
86613	1/4" R22 50 cap pack	1
86616	1/4" R22 100 cap pack	1

FEATURES

- Resists crushing & removal without socket tool
- Corrosion resistant stainless steel
- Locking cap has no keyhole to clog
- Integral neoprene O-ring resists oils & sealants

Application • Seals standard Schrader service valves on all central A/C units and mini-splits to help prevent refrigerant leakage • Protects from serious injury or death resulting from the inhalation of dangerous refrigerants

Recommended for

- R22

1/4" Thread

Green

Patent Pending



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

Contact: RectorSeal®

P 713-263-8001

800-231-3345

F 713-263-7577

800-441-0051

W www.rectorseal.com

Equipment Mounting

Big Foot® Mounting •

Frame Supports •

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

F
free standing flat roof equipment mounting of air

The system is modular and completely flexible.

F
secure, flexible, vibration absorbing, and leak
makes roofing repairs simpler and resurfacing

Removable legs

F
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

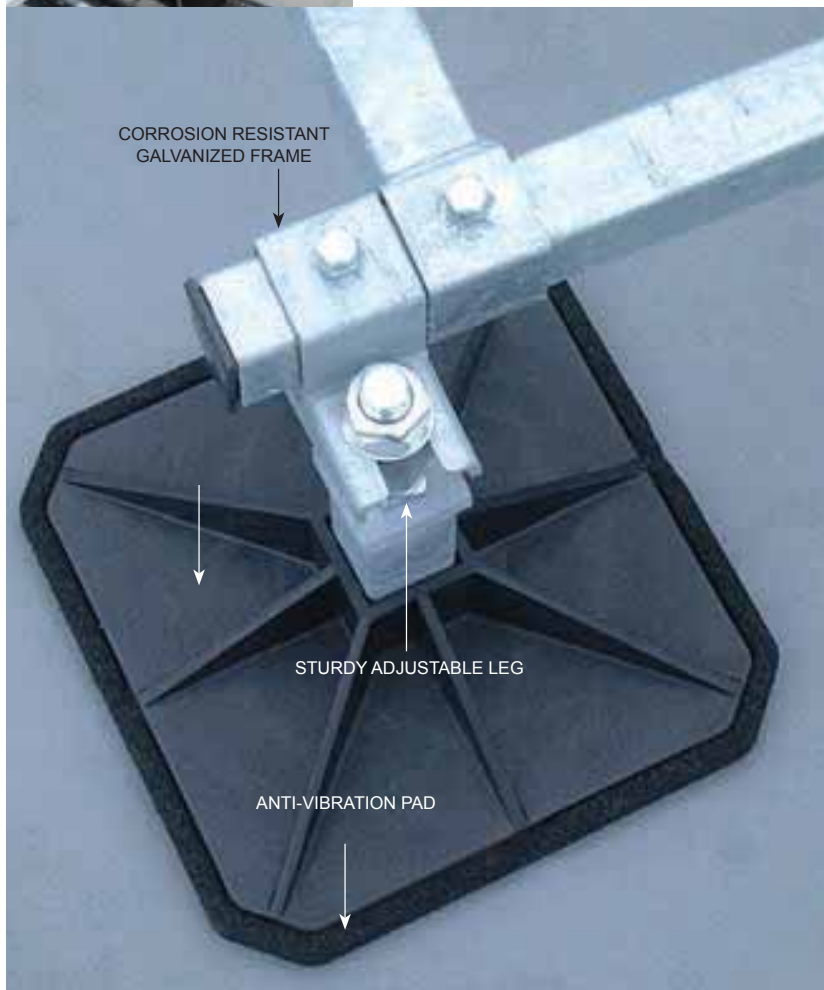
The Big Foot System does not penetrate the waterproof membrane, eliminating difficult flashing around concrete structures. The roofing system warranty is never compromised.

Architecturally friendly

F
flexible roof design.

Custom Frameworks

F
For larger, more complex projects,
Contact RectorSeal 1-800-231-3345





BIG FOOT
SYSTEMS®

Equipment Mounting Standard Frameworks

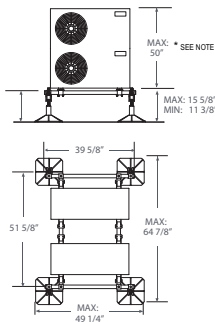


All standard Big Foot Systems include:

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

40" Standard Frameworks

Code	Description	Qty.
87701	(RES4840) 4 pad framework	1



4 Pad Frameworks, Max load - 1056 lbs.

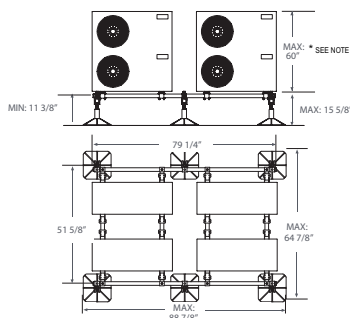
SYSTEM COMPONENTS

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



80" Standard Frameworks

Code	Description	Qty.
87702	(RES4880) 6 pad framework	1



6 Pad Frameworks, Max load - 1584 lbs.

SYSTEM COMPONENTS

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



F P P
F

Contact: RectorSeal®

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Condensate
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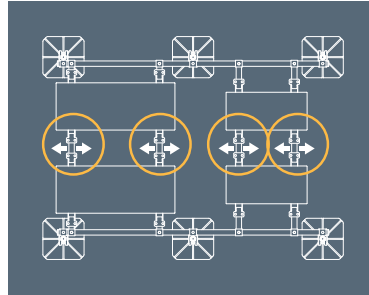
Other Related
Products


**BIG FOOT
SYSTEMS®**

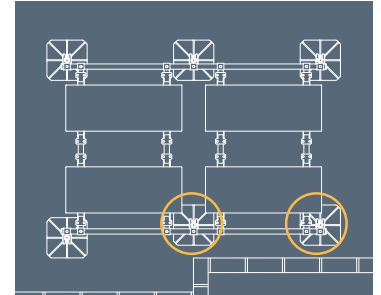
Equipment Mounting Standard Frameworks



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.



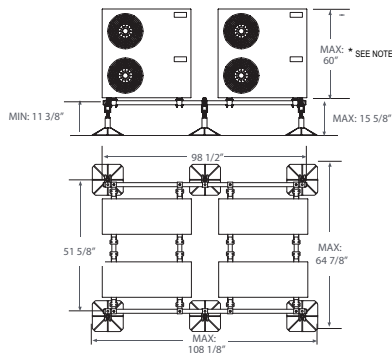
Linear Adjustment The cross bars supporting the equipment unit can slide along the end bars into position required, then be locked in place.



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

100" Standard Frameworks

Code	Description	Qty.
87703	(RES48100) 6 pad framework	1



6 Pad Frameworks, Max load - 1584 lbs.

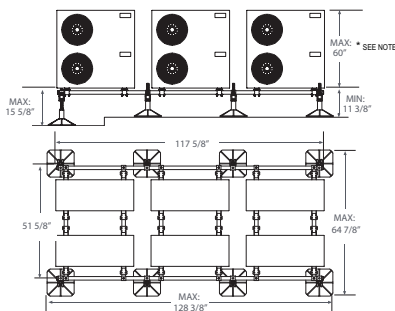
SYSTEM COMPONENTS

- (2) Plain Bars 15/8" x 98 5/8"
- (4) Cross Bars 15/8" x 46 7/8"
- (6) Leg Assemblies
- (6) AV Mats 12" x 12"
- (4) Clamp Kits



120" Standard Frameworks

Code	Description	Qty.
87704	(RES48120) 8 pad framework	1



8 Pad Frameworks, Max load - 2112 lbs.

SYSTEM COMPONENTS

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





BIG FOOT SYSTEMS®

Frame Supports

Multi Foot

Frame support ideal for smaller systems

Code	Description	Qty.
87711 (RSP16)	16" Multi Foot	1
87712 (RSP24)	24" Multi Foot	2

FEATURES

- Strong and Lightweight
- Weather resistant PVC - Rubber/PVC
- Linear track holds 1/2" hex head bolts
- Two 7/8" long bolts included

Max load capacity: RSP16 - 170 lbs. RSP24 - 312 lbs.

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



H-Frame

Accepts standard 1 5/8" strut, optimum support

Code	Description	Qty.
87713 (RSPD12)	H-Frame Kit w/ 12" Square	1
87714 (RSPD18)	H-Frame Kit w/ 18" Square	1
87715 (RSPD24)	H-Frame Kit w/ 24" Square	1

FEATURES

- Idea rooftop support of equipment & systems
- Weather resistant
- Recycled crumb rubber pad
- Recessed underside permits stability
- Aluminum track permits the use of standard strut hardware (not included)

Max load capacity: RSPD12 - 200 lbs. RSPD18 - 300 lbs.
RSPD24 - 400 lbs.

87713	87714	87715
H = 3 1/2"	H = 4 1/4"	H = 4 3/4"
W = 13"	W = 19"	W = 25 1/4"
L = 13"	L = 19"	L = 25 1/4"



Condensate
Management

Compressor
Maintenance

Air
Diffusers

Linesets &
Lineset Covers

Looking
Refrigerant Caps

Equipment
Mounting

Specialty
Chemicals

Air Conditioning
Chemicals

Heating
Chemicals

Other Related
Products

RECTORSEAL

Universal Brackets

Wall Bracket

Sliding cross bar provides exceptional width range

Code	Description	Qty.
87733 (WBB300)	Wall Bracket - powdercoat	1
87734 (WBB300SS)	Wall Bracket - stainless steel	1
87735 (WBB500)	Wall Bracket - powdercoat	1

FEATURES

- Strong secure support • Stainless steel or powdercoat finish • Includes level for convenience

Min/Max mounting width: 9³/₄" - 30"Min/Max mounting depth: 10¹/₂" - 16"

Max load capacity: WBB300 - 300 lbs.

WBB300SS - 300 lbs. WBB500 - 500 lbs.



Shown in Stainless

Wall Bracket

Extra integral cross bracing provides ultimate stability

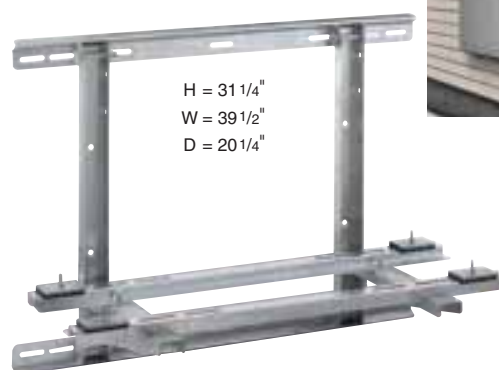
Code	Description	Qty.
87732 (PCK30)	Wall Bracket	1

FEATURES

- Ultimate stability • Galvanized finish

Min/Max mounting width: 15³/₄" - 35¹/₄"Min/Max mounting depth: 9³/₄" - 15"

Max load capacity: 330 lbs.



Under Window Bracket

Ideal for in window mounted A/C support

Code	Description	Qty.
87731 (CBZG)	Under Window Bracket	1

FEATURES

- Strong secure support • Galvanized finish

Min/Max mounting width: 11³/₄" - 27¹/₂"Min/Max mounting depth: 6¹/₄" - 13"

Max load capacity: 176 lbs.





Universal Brackets

Hanger Bracket

Suspends equipment under slab or overhang

Code	Description	Qty.
87742 (CDF)	Hanger Bracket	1

FEATURES

- Strong secure support • Powdercoat finish

Min/Max mounting width: 12" - 28"

Min/Max mounting depth: 6" - 13"

Max load capacity: 132 lbs.



Slab Stand

Raises equipment up above flat surface

Code	Description	Qty.
87743 (CNG)	Slab Stand - powdercoat	1
87746 (PCNG63)	Slab Stand - galvanized	1

FEATURES

- Anti-slip rubber feet • Galvanized or powdercoat finish

Min/Max mounting width: 87743 - 11³/₄" - 27¹/₂" 87746 - 28³/₄" - 38¹/₂"

Min/Max mounting depth: 87743 - 6¹/₄" - 13¹/₄" 87746 - 23¹/₄" - 30¹/₄"

Max weight capacity: 87743 - 176 lbs. 87746 - 440 lbs.



Individually adjustable legs for uneven surfaces

Slope Stand

Provides level mounting surface on slopped roofs

Code	Description	Qty.
87745 (WRB250)	Wall Bracket	1

FEATURES

- Levels slopes up to 45° or 12" pitch • Powdercoat finish

Min/Max mounting width: 6" - 35"

Min/Max mounting depth: 10" - 19"

Max load capacity: 250 lbs.



Duplex Stand

Securely mounts two condenser units one above the other

Code	Description	Qty.
87744 (CWGL)	Duplex Stand	1

FEATURES

- Sturdy support • Powdercoat finish • Anti-slip rubber feet

Min/Max mounting width: CWGL - 15³/₄" - 31¹/₂"

Min/Max mounting depth: CWGL - 7⁷/₈" - 15"

Max load capacity: CWGL - 176 x 2 lbs.



87744
H = 36¹/₄"
W = 17"
D = 36"

RECTORSEAL

Risers

Polymer Risers

Provides simple lightweight raised mounting support

Code	Description	Qty.
87761 (PR-351N-I)	14" Polymer Riser	20
87762 (PR-351N-M)	18" Polymer Riser	20
87763 (PR-351N-L)	39" Polymer Riser	4
87765 (PRC-351N)	End Caps	1 Pair

FEATURES

- Ideal for piping, duct runs, cable trays and condensers
- Weather resistant PVC
- Linear track holds 3/8" hex head bolts
- Two 7/8" long bolts included

Max load capacity: PR-351N-I - 308 lbs.
PR-351N-M - 397 lbs. PR-351N-L - 880 lbs.



Fix-It-Foot

Additional vibration isolation and stability

Code	Description	Qty.
87771 (RMB10)	Fix-It-Foot 10"	1
87773 (RMB16)	Fix-It-Foot 16"	1
87775 (RMB24)	Fix-It-Foot 24"	1
87776 (RMB40)	Fix-It-Foot 40"	1

FEATURES

- Idea for rooftop support of equipment & systems
- Weather resistant
- Recycled crumb rubber pad
- Recessed underside permits solid stance
- Aluminum track permits the use of standard strut hardware (not included)

Max load capacity: RMB10 - 220 lbs. RMB16 - 440 lbs.
RMB24 - 680 lbs. RMB40 - 900 lbs.



Fix-It-Foot Low

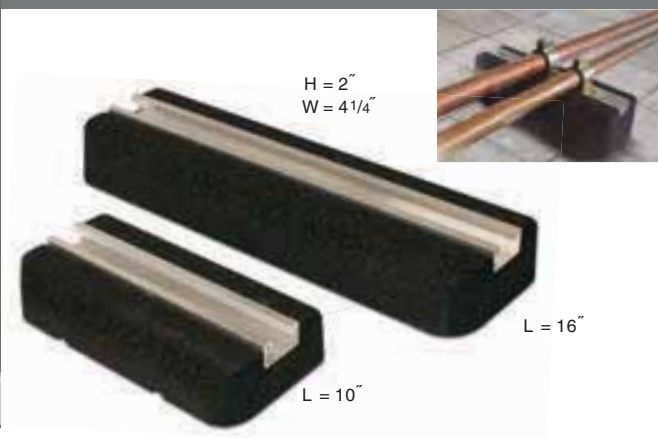
Low profile rubber riser

Code	Description	Qty.
87772 (RMB10L)	Fix-It-Foot Low 10"	1
87774 (RMB16L)	Fix-It-Foot Low 16"	1

FEATURES

- Idea for rooftop support of equipment & systems
- Weather resistant
- Recycled crumb rubber pad
- Recessed underside permits stability
- Aluminum track permits the use of standard strut hardware (not included)

Max load capacity: RMB10L - 110 lbs. RMB16L - 220 lbs.



Speciality Chemicals

- Thread Sealants •
- Solvent Cements •
- Soldering Fluxes •
- Metacaulk® Firestop •
- Misc. Sealants •



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



CERTIFIED TO
NSF/ANSI 61-G



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

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



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



RectorSeal® No. 7

Corrosive chemical pipe thread sealant

Code	Description	Qty.
17432	1 pt.	4

FEATURES

- Soft Set
- Lead free



Application • Slow drying sealant for use with lines carrying corrosive chemicals: diluted acids, caustics and other chemical solutions

Recommended for • Galvanized Steel • Iron
• Brass • Copper • Aluminum • Stainless Steel

*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.
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Solvent Cements

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



PR-G-DWV



FILE NO. 4585

FEATURES

- Fast acting
- Superior bonding
- LEED compliant
- 2 year shelf life
- Low-VOC
- Meets ASTM F656 specs
- Certified to NSF/ANSI 61-G

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



PR-G-DWV-SW



FILE NO. 1796

FEATURES

- Fast setting formula
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564
- Certified to NSF/ANSI 61-G

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 • Schedule 40 up to 2" pressure; up to 4" non-pressure pipe (DWV)

Recommended for

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



Hot™ 203L

● Blue - medium body PVC solvent cement

Code	Description	Qty.
55988	¼ pt.	24
55989	½ pt.	24
55990	1 pt.	12
55993	1 qt.	12
55994	1 gal.	4



PR-G-DWV-SW



FILE NO. 1796

FEATURES

- Fast drying
- Excellent in cold weather
- LEED compliant
- 2 year shelf life
- Meets ASTM D2564 specs

Application • Polyvinyl chloride (PVC) solvent cement joins both rigid and flexible PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specifications D1784 • For all rigid PVC classes up to 6" schedule 40 and 1-¼" schedule 80

Recommended for

- Irrigation • Pools
- Spas • Potable water
- Pressure pipe • Gas
- Conduit • Sewers
- DWV systems
- Flexible PVC hose



Also available in gal. can



Soldering

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



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



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

Application • Will prevent the spread of fire through joint openings and through-penetrations • No dilution or mixing required • Can be used in areas with some 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 pipes
• Fiberglass & plastic pipes • Wall construction joints
• Power & telephone cables



See ordering chart
for container sizes
available

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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
- 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
- Suitable for dynamic movement

Recommended for

- Metal
- Insulated pipes
- 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 areas under constant vibration or movement

- 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



RECTORSEAL

Misc. Sealants

RectorSeal® RS 136

Fireblock / smoke seal caulk

Code	Description	Qty.
66408	10.3 oz. cartridge	12

**FEATURES**

- Easy application
- Interior applications only
- 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

Air Conditioning Chemicals

- Coil Cleaners •
- Leak Locators •
- Cleaners & Treatments •
- Cooling Tower Treatments •
- Evaporative Cooler Treatments •





Coil Cleaners

Deep Penetrating Aerosols

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

Linesets &
Lineset Covers

Looking
Refrigerant 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	12 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



RECTORSEAL

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

FBC
SYSTEM COMPATIBLE***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



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RectorSeek™ Low-Temp

Code	Description	Qty.
61554	8 oz. dauber top	12
61434	16 oz. trigger spray	12
61273	1 gal.	4
61158	5 gal.	1
61111	55 gal.	1

FEATURES

- Longer bubbling action
- Dauber or spray application
- Easy to apply

Low temperature leak locator

Application • Leak locator for use on pipes or tanks containing gases at low temperatures • Effective from -35°F to 200°F

Recommended for • Pipes*, tubing, valves, cylinders, tanks, pressure vessels, condenser / evaporator coils, refrigeration coils and many other similar applications

*Call Technical Services for compatibility with plastic pipes.



RectorSeek™ Mid-Temp

Code	Description	Qty.
60554	8 oz. dauber top	12
60434	16 oz. trigger spray	12
60273	1 gal.	4
60158	5 gal.	1
60111	55 gal.	1

FEATURES

- Longer bubbling action
- Dauber or spray application
- Easy to apply

Normal temperature leak locator

Application • Leak locator for use at normal temperature on pipe or tanks that contain gases

• Can be used on oxygen, air or gas at temperatures between 40°F to 200°F

Recommended for

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



Cleaner & Treatments

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



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



Condensate Management

Compressor Maintenance

Air Diffusers

Linesets & Lineset Covers

Looking Refrigerant Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

RECTORSEAL

Cooling Tower & Evaporative Cooler Treatments

CTT™-SM

Self-metering cooling tower treatment

Code	Description	Qty.
68032	16 tablet tube	2

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

- Cooling towers



CTT™-Tablets

Feeder tablets

Code	Description	Qty.
68036	300 tablet pail	1

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



Heating Chemicals

Soot Removers •

Fuel Oil Deodorizers & Absorbents •

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

Linesets &
Lineset Covers

Looking
Refrigerant 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

Linesets & Lineset Covers

Looking Refrigerant Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

RECTORSEAL

Cleaners

Hi-Strength Degreasers

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

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



Condensate Management

Compressor Maintenance

Air Diffusers

Linesets & Lineset Covers

Looking Refrigerant Caps

Equipment Mounting

Specialty Chemicals

Air Conditioning Chemicals

Heating Chemicals

Other Related Products

RECTORSEAL

Other Products

Buz-Awf™

Wasp and hornet spray

Code	Description	Qty.
84390	16 oz. aerosol	12

FEATURES

- High pressure spray
- 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 • Shoots 20 ft. stream



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**

- Hardens in minutes
- 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
- Can be drilled, taped, filed, machined, sanded and painted



RectorSeal® Duct Seal

Gray putty compound

Code	Description	Qty.
81880	1 lb.	10
81881	5 lbs.	2

**FEATURES**

- Air / water tight seal
- Resistant to water, alcohols, mild acids & bases
- Non-corrosive / non-irritant

Application • Permanently soft, non-toxic, putty-type compound which adheres to most clean, dry surfaces

- Can be hand applied from 25°F to 120°F

Recommended for

- Sealing around the ends of electrical conduits and boxes
- Flashings
- Service mast entries



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



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



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