

#### HVAC-R PRODUCT CATALOG

Condensate Management Compressor Maintenance Air Diffusers Linesets & Lineset Covers Locking Refrigerant Caps **Equipment Mounting** Specialty Chemicals Air Conditioning Chemicals **Heating Chemicals** 



Our ultra-lightweight Polyslab & Evo-Crete equipment bases now have a supporting cast of their own...

# Introducing **Acid Away®** for POE.



- Restore PH balance and A/C performance immediately.
- Specially formulated for both hermetic or semi-hermetic compressors that operate with polyolester oils.
- Tested to various ASTM standards and ANSI/ASHRAE 86-1983 and 97-1989
- Non-toxic safe and easy to use.
- No flushing needed.







# **AC BLOCKS - COMPLETE MOUNTING KIT**

THE LIGHT WEIGHT DURABLE PVC ALTERNATIVE



### What is Evo-Crete?

Evo-Crete is a dynamic, Ultra Lightweight Cellular Concrete – 3 times lighter than standard concrete. Evo-Crete is highly reinforced with a proprietary blend of several different polyolefin fibres offering superior strength to weight properties, durability and quality over current heavy concrete, polystyrene filled and foam blended concrete products on the market



- Evo-Crete will outlast PVC supports EVERYTIME!

  Evo-Crete will not be affected by harsh UV rays or weather and will not break down and become brittle over time.
- Evo-Crete looks, feels and IS a superior product
  Resulting in a quality finish that your customers will appreciate.
- Evo-Crete's solid design will not harbour unwanted pests
  Hollow PVC products offer refuge for spiders, rats, ants and snakes.
- Evo-Crete is easy to use. No wasted time lining up bolts, nuts & washers
  Simply screw down in any location with the Evo-Crete screws supplied (no pre-drilling required)



Suit most applications

Versatile

Simple Installation



## Working with Evo-Crete

Evo-Crete can be fabricated and modified with basic hand or power tools and can easily be cut & shaped to fit any application. Almost any equipment can be attached to Evo-Crete with the use of specialised Evo-Crete fixtures, no pre-drilling required (fixtures included in all AC Block Complete Mounting Kits). Dyna bolts and traditional concrete fastening methods can be used if required.



Square Slabs – Flat	Available Sizes (mm)	Weight (Kg)
Designed as a stable equipment base for: Hot Water Systems, Generators, Gas Bottles, Pool Pumps and Filters, Irrigation pumps, and more.	450x450x50 600x600x50	8.5 14.5

Rectangular Slabs – Flat	Available Sizes (mm)	Weight (Kg)
Designed as a stable equipment base for:	900x450x50	16.0
Hot Water Systems, Generators, Air-Conditioners, Gas Bottles, Pool Pumps and Filters, Irrigation pumps, and more.		

'Ripple Top' Slabs	Available Sizes (mm)	Weight (Kg)
Specifically designed to meet Plumbing Code AS/NZ3500.4. Great for any application where pooling of water is not desirable.	600x600x50	14.5



# AUSTRALIA'S MOST TRUSTED EQUIPMENT BASE

Polyslab is the product of choice across a variety of industries. Durable, stylish, easy to use and proudly 100% Australian made and owned.

SUITABLE FOR INSTALLATION ON ANY SURFACE (Install guide)

GREAT FOR AIR-CONDITIONERS, GENERATORS, PUMPS & MORE

#### **AVAILABLE IN:**

**LARGE** 1130 x 650 x 51mm - 6.5kg (Load rating to 160kg) **MEDIUM** 885 x 465 x 51mm - 2.4kg (Load rating to 160kg) **SMALL** 640 x 340 x 51mm - 1.6kg (Load rating to 120kg)

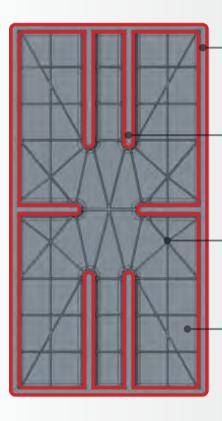
Patent and Registered Design Details 317165, 331871, 313328, 2008291692 &

# **POLYSLAB EQUIPMENT BASES**AUSTRALIA'S MOST TRUSTED EQUIPMENT BASE

Detailed structural engineering, design and analysis continues to be fundamental to our approach in maximising the strength-to-weight ratio of the entire Polyslab range. Our rectangular equipment bases are available in three sizes to suit all split system air conditioning units as well as generators, pumps and various other types of equipment.

Polyslab equipment bases are built to stand the test of time and are guaranteed to outlast the equipment they support. Polyslab is the easy, smart, stylish and environmentally friendly choice - why would you use anything else?

#### **UNDERSIDE VIEW**



#### PERIMETER SUPPORT

Combined with the channel supports gives the greatest possible surface area support.

#### **MULTIPLE CHANNEL SUPPORTS**

Transfer weight of the unit directly to the ground to prevent sinking. Design also allows products to 'lock in' and stack easily for transport.

#### **UNDERSIDE RIBS**

The location, thickness and depth have been designed to maximise strength.

#### **ULTRA LIGHTWEIGHT**

All Polyslab Bases replace heavy, cumbersome, and often fragile pre-cast concrete slabs. Avoid injuries and OH&S litigation with the durable, stylish, lightweight alternative.

# INSTALLATION

#### POLYSLAB BASE: Flat Surface

As with any equipment base, the quickest and easiest install for a Polyslab is on an existing flat level surface (e.g. concrete or compacted earth). For maximum stability, it is recommended that the equipment is fixed down to the Polyslab base (e.g. screw straight into Polyslab with self-tapping screws or pre-drill & bolt).

#### POLYSLAB BASE: Uneven Surface

These steps are strongly recommended for increased stability on loose, unfirm or uneven surface. If existing uneven surface is loose enough, smooth out with the edge/base of the Polyslab. If existing uneven surface is compacted, place a mound of loose soil, gravel or other suitable material on top, level out with the edge/base of the Polyslab. Lay Polyslab in place and ensure the product is level with a firm footing. For maximum stability, it is recommended that the equipment is fixed down to the Polyslab base (e.g. a screw straight into Polyslab with self-tapping screws or pre-drill & bolt).

# ondensate Management



- Drain Hoses •
- Safe-T-Switch®
  - EZ Trap® •
  - AquaGuard® •
- Condensate Pans and Risers
  - Drain Line Cleaners
    - Mighty Pump™ •





# SAFE-T-SWITCH

# The Most <u>Reliable</u> Switch

- Magnetic Reed Switch
- Easy to Install & Service
- Code Compliant
- UL Listed 508
- Installation on Primary & Auxiliary Drain Outlets or Pans
- Adjustable Bracket SS4
   Normally Open SS3CT
- Electronic Probe Sensors SS 103 E & SS 500 EP
- Introducing New sensor for:
   Mini split units SS 610E
   Universal Puck SS 700E







# SAFE-T-SWITCH

Safe-T-Switch® is the most reliable condensate overflow switch available. It detects clogged air conditioning condensate drains and shuts off the system to prevent water damage to the structure.

This easy to install, uniquely designed, patented magnetic reed switch will not stick or rust. Safe-T-Switch® condensate overflow switch can be connected to either the red or yellow (thermostat) wires.





# Model SS1

For Installation on Primary Drains or Auxiliary Drain Outlets

Safe-T-Switch® model SS1 can be installed horizontally or vertically, inline or on the primary pan's auxiliary drain outlet by using the included ¾" adapter, bushing and cap. It can be installed on a sloping line and does not need to be level or plumb.







# Model SS2

For Installation on Primary Pan Auxiliary Outlet

Using the ¾" adapter, the SS2 can be installed on the auxiliary outlet of the primary drain pan. The SS2 also provides easy access to the switch and the primary drain line for service.

97637	Model SS2	24
51		78.1
0_	AUL TO	
Brow	тсн.	1
116		1
	All Market	4.0
	701	(III)
	-	Listed

Description

RS#



# Model SS3

For Installation on Primary & Auxiliary Drain Pans

The specially designed steel mounting bracket clips firmly over the edge of most drain pans. The slim-profiled SS3 can be installed on primary or auxiliary drain pans.

RS#	Description	Qty
97647	Model SS3	24
100 (8) (S)		
100	M.F	2000
V		A15
184		1-4
100 1		
-		
2130		Listed 508

# SAFE-T-SWITCH®



# SS 610 E

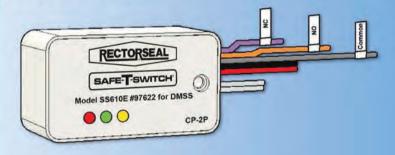
97622 M

Description Qty
Model SS 610 E 12

For Installation Directly on Primary Drain Pan or Clipped to Coils Above Primary Drain Pan



SS610E is specially designed for use in Mini Split systems. Its small Sensor can easily fit in the confined internal spaces of most units. It can also be installed directly in the Drain Pan or clipped to the unit's Coils. SS610E's CPU unit is housed in an attractive casing that can be mounted directly to the side of the unit.





# SS 700 E

#### For Secondary Auxiliary Drain Pan

Safe-T-Switch® model SS700E can be installed in the secondary auxiliary drain pan. Designed to work in any position, the new Universal Puck works in all secondary drain pans.

RS#	Description	Qty
97695	Model SS 700 E	24





Scan for More Product Information

# Which Safe-T-Switch is Right for You?

Model #	RS#	Float Switch	Electric Probe		in Line Secondary	Drain Pan	Ductless Mini Split	Normally Open	Normally Closed	Plenum Rated	UL-508	UL-2043
SS1	97632	/		1	<b>✓</b>				1		1	
SS2	97637	1			1				1		1	
SS3	97647	/				1			1		1	
SS4	97625	1				1					1	
SS3-CT	97652	1				1		1	<b>V</b>		1	
SS2AP	97640	1			<b>V</b>				1	1	1	1
SS 103 E	97692		<b>~</b>	1	1	1			<b>√</b>		1	
SS500EP	97693		1			1			1	1	1	1
SS610E	97622		1			1	1	1	1		1	
SS700E	97695		1			1			1		1	

# Safe-T-Switch Accessories

# Model SG1



# SAFE-T-GARD

#### **Condensate Overflow Alarm**

Alerts the dwelling occupant when the drain is clogged, before the house gets hot. Use with Safe-T-Switch.



# Condensate Drain Line Cleaners



## Hydrex™ A/C Tabs

A/C Drain Pan & Drain Line Treatment

- · 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.
- Tablets are easily dispensed from the plastic bottle.

RS#	Description	Qty
68115	200 tablets	12

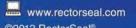


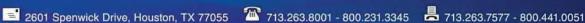
#### Nu Line®

A/C Condensate Drain Cleaner

- Helps prevent A/C drain line clogs and water leaks by removing slime and keeping drain lines open.
- · Use every three months to help prevent mold growth in clogged A/C drain lines.

RS#	Description	Qty
97685	8 ounce	24
97690	32 ounce	12









Other Related Products 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 ¾" 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



UL 508

#### FEATURES

- · Condensate overflow switch
- · Magnetic reed switch
- Connect to either red or vellow 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 SS2AP

#### Plenum rated

Code	Description	Qty.
97640	Model SS2AP	50



LISTED IND. CONT. EQ. 75MF UL 508 UL 2043

#### 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 ¾" adapter to install on the auxiliary outlet of the primary drain pan

US Patent No. 6,442,955



#### SAFE-T-SWITCH® ELECTRONIC SWITCHES

# SS 103 E

#### **Dual sensors**

Code	Description	Qty.
97692	SS103E	24



#### **FEATURES**

- Electronic probe sensor
- 5-wire design
- · Onboard LED indicator
- 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	SS500EP	24



III 2043

#### **FEATURES**

- Electronic probe sensor
- 5-wire design
- · Onboard LED indicator
- · Plenum rated wire
- 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

# SS 610 E

#### Mini-Split systems

Code	Description	Qty.
97622	SS610E	12



#### FEATURES

- · Sensor connects to indoor units
- Onboard LED indicator can be mounted to side of unit
- Univolt input 15-250 Vac 15-100 Vdc

**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 and normally closed systems
- No batteries required



US Patent No. 8,887,392

# SS 700 E 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

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 • Automatically resets

when water drains or is removed

from secondary pan

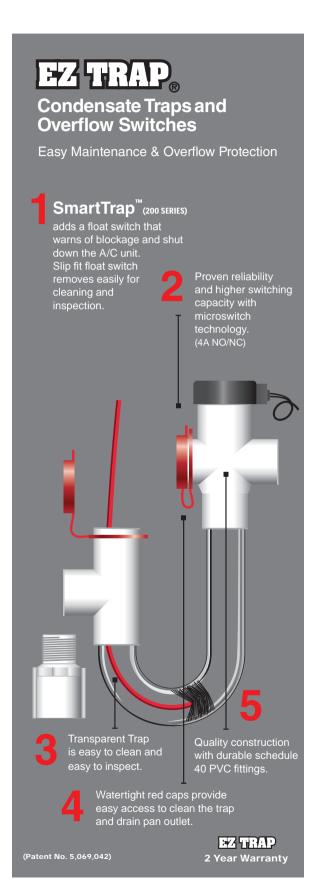




US Patent Pending

#### EZ TRAP® 100 SERIES CLEAR TRAP™ KITS

Clear cleanable trap.



RS # (ref. #)

Size

83113 (EZT113)

3/4"



Economy trap kit no/brush

Thinner walled trap for light duty applications. 10 per carton.

Includes: 3/4" trap, 3/4" cross, 3/4" tee,

three 3/4" red caps, 1" drop.

RS # (ref. #)

Size

83114 (EZT113B)

3/4"



Economy trap kit w/brush

Thinner walled trap for light duty applications. 10 per carton.

**Includes:** 3/4" trap, 3/4" cross, 3/4" tee, three 3/4" red caps, cleaning brush, 1" **drop**.

RS # (ref. #)

Size

83119 (EZT<u>1</u>19)

1'



High flow commercial trap kit

for use when a 1" dia. discharge is required. 10 per carton.

**Includes:** 1" standard trap, 1" cross, 1" tee, 1" x 3/4 reducer bushing, 3/4" black stub, two 1" red caps, 1" male adaptor, cleaning brush, 1" **drop**.

RS # (ref. #)

83406 (EZT406)



Standard Cleaning Brush 18" flexible rod. 25 per carton.

RS # (ref. #)

83405 (EZT405)

Heavy Duty Cleaning Brush 18" flexible stainless rod. 10 per carton.



#### 200 SERIES SMARTTRAP™ KITS

Float switch overflow protection. Clear cleanable trap

Float switch overflow protection.

RS # (ref. #)

10 per carton.

83205 (EZT205)

Deep SmartTrap kit

for fluctuating static pressure found in systems with variable speed air handlers.

Size

#### RS # (ref. #)

Size

83224 (EZT224)

220 SERIES OVERFLOW SWITCHES

#### **Compact overflow switch** with 3/4" male threaded inlet

Thread into fitting on secondary drain pan. 10 per carton.

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



RS # (ref. #)

Includes: 3/4" Deep Standard Trap, 1" cross, 1" red cap, 1"x 3/4" bushing, 3/4" tee, 3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable, cleaning brush, 3" drop.

RS # (ref. #)

ÜL

LISTED CONT. EQ. 75MF UL 508

Size

#### 83207 (EZT207)

#### 83225 (EZT225)

Size

#### Inline universal primary/ secondary overflow switch

3/4" or 1" inlet, with 3/4" outlet. Install vertical or horizontal, inline or plugged. 10 per carton. Includes: 1"x 3/4"x 1" tee, 3/4" male adaptor,

3/4" plug, 1"x 3/4" bushing, float switch assembly. 48" cable.





Side entry SmartTrap kit

for offset mounting on "A" coil applications on top of a vertical furnace. 10 per carton.

Includes: 3/4" Standard Trap. 3/4" cross, two 3/4" red caps, 3/4" tee,



3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable, cleaning brush, reducing tee, 1" drop.

RS # (ref. #)

Size

#### 83210 (EZT210)

3/4"

#### 83226 (EZT226)

RS # (ref. #)

Size





#### **Compact overflow switch** with 3/4" female slip inlet

Two part design for use where obstructions prevent direct threading. 10 per carton.



RS # (ref. #)

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

RS # (ref. #)

Size

83230 (EZT230)

3/4"

#### 83228 (EZT228)

Size



#### Tamper resistant SmartTrap kit

with threaded cleaning cap. Fits most applications Includes clear u-bend for inspection, and access ports for easy cleaning. 10 per carton.

Includes: 3/4" Standard Trap, 1" cross, 3/4" locking cap, 1"x 3/4" bushing, 3/4" tee,

3/4" black stub, 3/4" male adapter, float switch assembly, 48" cable. cleaning brush, 1" drop.



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#### Inline primary/secondary overflow switch

Same as 225 with clear extension tube for visual indication. 10 per carton. Includes: 1"x 3/4"x 1" tee, 3/4" male adaptor, 3/4" plug, 1"x 3/4" bushing,

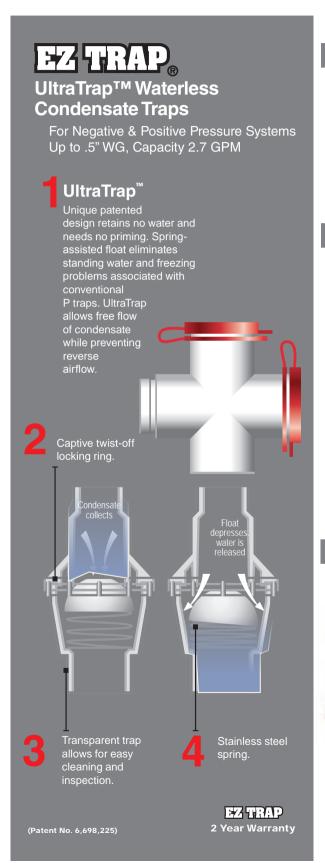


float switch assembly, extension tube, 48" cable.



#### EZ TRAP® 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 problems. Positive or negative pressure systems. 5 per carton.

Includes: 3/4" UltraTrap. 3/4" cross. two 3/4" red caps, 3/4" male adaptor, 3/4" coupler, cleaning brush.

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. Use on any mini-split condensate drain line. Permits free condensate flow while blocking odors, noise and insects. Freeze resistant. Only 2-3/4" long. 10 per carton.

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

600 SERIES

## Combo kit

**Clear Trap and Overflow Switch** 

RS # (ref. #)

Size

83626 (EZT626)

3/4"

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

**Compact overflow switch** with 3/4" female slip inlet Two part design for use where obstruc-

tions prevent direct threading. Includes: 1"x 3/4" slip female street ell, 3/4" male adaptor, float

switch assembly, 48" cable.

# Economy trap kit w/brush

Thinner walled trap for light duty applications.

Includes: 3/4" blow molded trap, 3/4" cross, 3/4" tee, three 3/4" red caps, cleaning brush, 1" drop.

# Hydrex<sup>™</sup> 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
68104	JR - 200 tab bottle	12
68107	DMSS - 200 tab bottle	12

Actabs™ EE	Systems from 1 to 5 tons	EPA Reg. no. 51219-7
Actabs™	Systems from 6 to 15 tons	EPA Reg. no. 51219-7
Actabs™ JR	All systems monthly application	EPA Reg. no. 51219-7
Actabs™ DMSS	Ductless Mini-Split Systems	EPA Reg. no. 51219-7

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
- Ductless Mini-Split Systems

# 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 CO<sub>2</sub> or nitrogen charges

#### Recommended for

Condensate drain line



#### VACUUM OR PUSH-OUT CLOG IN CONDENSATE DRAIN LINES

# Mighty Pump™

#### Quickly & completely clear blockage

97795 Mighty Pump™ 4  Replacement Hoses 6	Code	Description	Qty.
Replacement Hoses 6	0.00.0	•	4
	97796	· ·	6

**FEATURES** 

· No nitrogen tank or

gas cartridges needed

#### 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

hoses • Spring check valves



· 2-way flow w/o backflow · Lightweight, heavy-duty Includes • Pump body • Flexible molded PVC · Easy clean up • 3/4" adapter • Spare O-rings • High volume, low pressure



# mpressor Maintenance



Kickstart® •

Acid-Away® •

Acid-Away® for POE •

Acid-Detector<sup>™</sup> for POE •

Acid-Detector™ •

Turbo-Kleen™ •

AC Leak Freeze™ •

Oil-ID™ •





#### **INTRODUCING**



AC Leak Freeze® nano PRO

Stop refrigerant leaks permanently.

Restore AC performance quickly.





#### **Safe Delivery Tool**

Copper/brass construction.Sealant installs using standard HVAC manifold.

#### **Dual Action Sealant**

Reliable, original, safe and polymer-free\* AC Leak Freeze formula.
With leak seeking nano particles.



#### **Triple Action Sealant**

Magic Frost adds anti-friction lubricant to reduce noise and vibration.
System runs smoother and more efficient.





#### **Low Loss Safety Fitting**

· Connects to standard 1/4" service ports.

# AC Leak Freeze® nano PRO

#### **AC Leak Freeze** Qty. 1.46 oz nano PRO 12 45316 Leak sealant for A/C and refrigeration systems

Code	AC Leak Freeze with Magic Frost	Qty.
45317	1.46 oz nano PRO w/Magic Frost	12



#### Leak sealant & system enhancer



#### **FEATURES**

- · Single use disposable
- · Polymer free nano formula
- · Low Loss Safety Fitting
- · Ready to use
- · Safe for system
- · Non-flammable
- · Non-toxic
- OEM approved
- · POP packaged
- Infuse into system using standard HVAC manifold
- · Nylon hose, brass fittings and copper reservoir are all 100% recyclable.

# AC Leak Freeze®

### Leak sealant & system enhancer

Code	AC Leak Freeze R - for appliance	Qty.
45301	.5 oz	12
45302	.5 oz with ¼" adapter	12

Leak sealant for appliance and refrigeration systems

Code	AC Leak Freeze	Qty.
45311	1.5 oz	12
45312	1.5 oz with 1⁄4" adapter	12

Leak sealant for A/C and refrigeration systems

Code	AC Leak Freeze with Magic Frost	
45321	1.5 oz	12
45322	1.5oz with 1/4" adapter & Magic Frost	12

Leak sealant & system enhancer for A/C & refrigeration systems

Code	AC Leak Freeze accessories	Qty.
45344	1⁄4" adapter only	5
45345	5/16" adapter only	5





#### FEATURES

- Polymer free
- Safe for system
- · OEM approved
- · Easy to use
- · Non-flammable
- Non-toxic
- · POP blister pack







# Acid-Away® PRO

#### Compressor Burnout Acid Neutralizer

Code	Description	Qty.
45016	Acid-Away® PRO	12

#### FEATURES

- · Quick & easy to inject
- · Disposable injector
- · Compressor parts safe
- No harmful effects
- Tested to ASHRAE standards 86-1983 & 97-1989 by premier independent testing institute

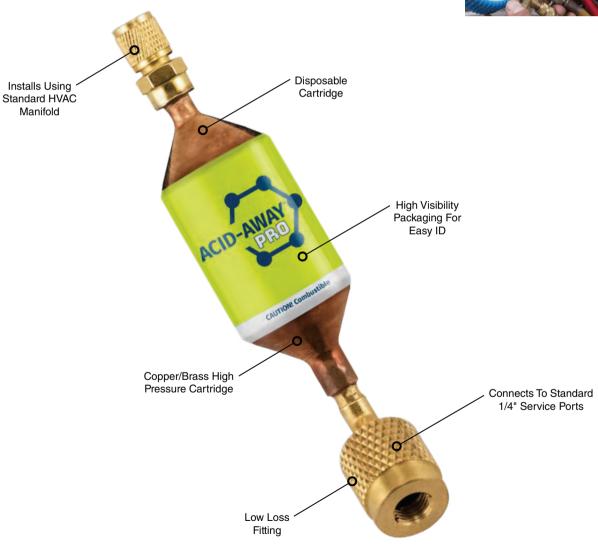
Application • Chemical treatment for use in air conditioning and refrigeration systems that have experienced a burnout, or operating systems that are showing buildup in acid content • Acid-Away PRO quickly circulates throughout the system and chemically neutralizes acids that are always left in air conditioning or refrigeration systems after a burnout occurs • Once neutralized, the acid can no longer continue developing corrosion impeding it from causing another burnout to the system

**Recommended for •** Air conditioning and refrigeration systems • Safe for all oils











# Mini-split installation is now a **single** person job!

# Mighty Bracket Mini-split Installation Support Tool



Please contact RectorSeal Australia for further details or for your local stockist.



Clips to mini-split mounting plate, securely holding unit as connections are made. Unclips easily as unit is mounted.

Versitile level setting adjusts to any mounting plate.

Non-marking pads won't harm walls.

Collapses into storage tote bag.

# Mighty Bracket™

#### Mini-split installation support tool

Code	Description	Qty.
97705	Mini-split support tool	4

#### **FEATURES**

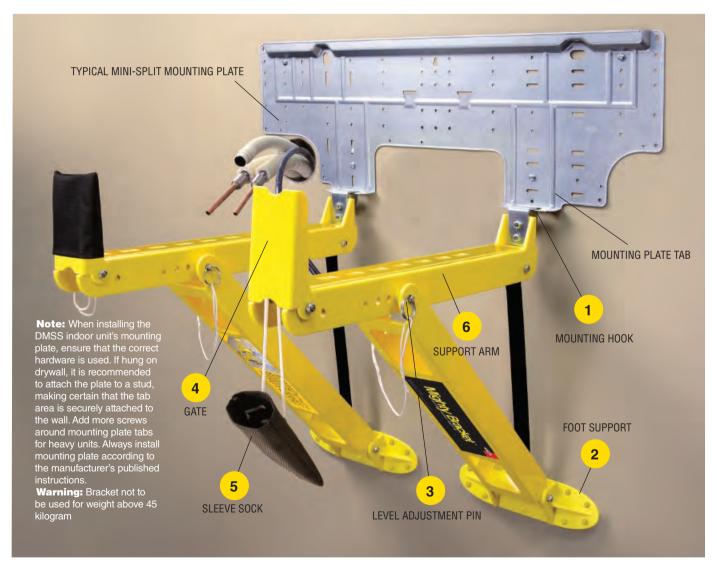
- Allows single person installation
- · Simple clip on support
- · Does not damage walls.
- Use on all brands of mini-spilts

Application • Hook onto mini-split mounting plate to hold mini-split unit securely in place while installing refrigerant lines, condensate line and electrical hookup.

**User Instructions:** 1. Attach Mounting Hooks of Mighty Bracket to the mini-split mounting plate tabs. (If no tabs are present on the mounting plate, Mighty Bracket hooks can be attached by screws threaded into the wall stud.) 2. Place Foot Supports flat against the wall. (If necessary to avoid potential wall scratching, place clean towel or cardboard between support foot and wall surface) 3. Position Level Adjustment Pins to make Support Arm of the

brackets horizontal. 4. Lift Gates at the end of Support Arms to make sure the unit cannot slide off. 5. Place protective Sleeve Socks over Gates to avoid scratching the unit. 6. Set unit securely onto the top of the Support Arms. 7. Connect refrigerant lines using RectorSeal® NoKink™.\* 8. Connect condensate drain piping and electrical wiring. 9. Carefully lift and place the indoor unit onto top tabs of mounting plate. 10. While ensuring unit does not fall, carefully remove Mighty Bracket and installation is complete.

When paired with RectorSeal® NoKink™ Mighty Bracket™ allows simple installation without damaging or kinking copper refrigerant lines.



Contact: RectorSeal® PO Box 3119, Clontarf DC QLD 4019 P 07 3267 7277

**6** 07 3267 8177 **W** www.rectorseal.com.au





# **Solutions For HVAC Fittings.**



- Precision flaring & swaging in seconds!
  - Burnishes surface reducing risk of LEAKS!
    - Durable see-through case for better tool visibility
      - Sold as tool box kit for easy transportation
        - 5 bits per flare kit 6 bits per swage kit
          - Color coded bits for Easy ID



PRO-Fit™ Flare Kit

# **PRO-Fit**<sup>™</sup>

#### Precision Flaring & Swaging Tool Bit Kits

Code	Description	Qty.
87001	PRO-Fit™ Flare Kit	4
87011	PRO-Fit™ Swage Kit	4

#### FEATURES

- Stopper ensures a consistent length of the flare/swage surface
- Tip guides the bit into the tube & forms a standard 45° flare or consistent swage
- Standard 1/4" Hex Shank fits directly into most power tools without adapter
- Color coded hex bits for easy ID
- · Available in flare or swage bits
- Comes in a durable see-through case for better tool visibility

**Application** • Creates precise and fast standard 45° flare or swage in copper and aluminum line sets for Mini-split HVAC units • The spinning hex flare bit forms a standard 45° flare, and the hex swage bit forms a consistent swage without splits, burrs, blemishes or uneven edges that typically cause fitting connection leaks

**Recommended for** • Copper & aluminum line sets • Mini-split HVAC units • Any application requiring a 45° flare









PRO-Fit™ Flare



#### KICKSTART® ORIGINAL 2-WIRE HARD START DEVICE

The only OEM tested & approved device.

# Kickstart<sup>®</sup>

#### 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









#### ACID-AWAY® COMPRESSOR ACID NEUTRALIZER

Recommended by compressor manufacturers and proven to neutralize acid after burnouts.

# Acid-Away®

#### Compressor burnout acid neutralizer

Code	Description	Qty.
45004	4 oz.	12

#### **FEATURES**

- Stays active in the system 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 • Specifically formulated for both hermetic or semi-hermetic compressors that operate with standard CFC or HCFC refrigerants using mineral oil or alkybenzene type refrigeration oils



# 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





#### ACID-DETECTOR™ & OIL-ID™

Field test kits to detect acid & determine oil types.

# Acid-Detector<sup>™</sup>

#### 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<sup>™</sup> 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



# $Oil-ID^{TM}$

#### 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



# Speciality Chemica

Thread Sealants • Solvent Cements • Soldering Fluxes •

Metacaulk® Firestop •

Misc. Sealants •



Lineset Covers

Linesets &

Air Conditioning



#### RECTORSEAL® THREAD SEALANTS

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

# RectorSeal® No. 5®

#### Multi-purpose pipe thread sealant

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

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

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

• RTRP • PVC













**FEATURES** 

- · Soft set / Slow drying
- Lead free
- · Smooth application
- · 2 year shelf life
- · Certified to NSF/ANSI 61-G & 372



# No. 5<sup>®</sup> Sub-Zero

#### Low temperature, low odor pipe thread sealant

Code	Description	Qty.
27731	¼ pt.	24
27651	½ pt.	24
27541	1 pt.	12
27460	1 qt.	12
27371	1 gal.	4
27111	5 gal.	1
27222	55 gal.	1



#### **FEATURES**

- Low temperature application -35°F
- · All weather formula
- · Lead free



Application • Odorless, non-staining, low temperature

application • Brushable to -35°F • Can be pressurized immediately

Recommended for • Galvanized Steel • Iron • Brass • Copper



# RectorSeal® T plus 2®

#### PTFE enriched pipe thread sealant

•
4 oz. 24
ot. 24
ot. 24
t. 12
t. 12
al. 4
al. 1
gal. 1

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

#### Recommended for

- Galvanized Steel
- Iron Brass Copper
- Aluminum
- Stainless Steel
- Polvethylene
   RTRP
- PVC• CPVC ABS

Also available in 55 gal. container















· 2 year shelf life Certified to

**FEATURES** 

NSF/ANSI 61-G & 372

# 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 & 372

**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



Air Conditioning



#### RECTORSEAL® 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 & 372
- 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



# 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

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

#### **FEATURES**

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

#### Reuseable waterproof abrasion

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





#### 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

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

#### **FEATURES**

- · Remains flexible
- · Vibration resistant
- Indoors/outdoor

#### General purpose

**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

Natural and synthetic fiber • Ceramic • Paper

Many painted and plastic surfaces

RECTORSEAL

**Application •** Cures to a strong durable resilient rubber **Recommended for •** Glass • Clean metal • Most types of non-oily wood • Vulcanized silicone rubber • Silicone resins





Coil Cleaners •

Leak Locators •

Cleaners & Treatments •

Cooling Tower Treatments •

Evaporative Cooler Treatments •



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



# $\text{Coil-Rite}^{^{\scriptscriptstyle{\mathsf{TM}}}}$

#### 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	
	<ul> <li>Non-acid</li> </ul>	
	<ul> <li>Non-flammable</li> </ul>	

**Application** • Foaming biodegradeable 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





#### LEAK LOCATORS

Detect gas leaks in pipes or tank systems.

# Better Bubble<sup>™</sup>

#### Gas leak locator

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



#### **FEATURES**

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

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

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



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

# RectorSeek<sup>™</sup> Low-Temp

Code	Description	Qty.
61554	8 oz. dauber top	12
61434	16 oz. trigger spray	12
61273	1 gal.	4
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<sup>™</sup> Mid-Temp

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



<sup>\*\*</sup>FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.



# Desolv. Mini-split Evaporator Coil Cleaning Kit

# Protect interior walls & floors from damage.



# Desolv<sup>™</sup> Cleaning Kit Mini-split Evaporator Coil Cleaning Kit

Code	Description	Qty.
82560	Desolv Kit / 2 single-use Funnel Bags	1
82562	Single-use Funnels Bags	10

#### **Kit Contents**

- Desolv Cleaning Solution (1 gal.)
- · C-Band Frame Assembly
- Single-use Funnels Bags (2)
- Wedge Sheets (2)
- Cleaning Brush (1)
- Drain Pail (5 gal)
- Installation Instructions

Application • Use to deep clean the indoor evaporator of mini-split A/C units that are located in areas where wall and floor protection are necessary. Kit is reusable. The replacement Funnel Bags are for single use only. Desolv Solution and Funnel Bags are also sold separately.



U.S. Patent No. 6,863,116 Under license from Crossford International LLC

#### Desolv

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#### Mini-split Evaporator Coil and Blower Fan Cleaner.

Code	Description	Qty.
82565	Desolv Solution (1 gallon)	6

**Additional Features** • Completely

biodegradable formula presents very little hazard to people, animals, aquatic life, and vegetation. Unlike strong acid and alkaline coil cleaners, this heavy duty product will not chemically attack (corrode) coils, surrounding metal, other non-electrical HVAC equipment components or application equipment.

Application • Powers off dirt and build up from air conditioning, refrigeration and heat pump coils safely and effectively. • Reduces energy cost by increasing the efficiency of the A/C system.



A/D-D-15



Contact: RectorSeal® 2601 Spenwick Drive, Houston, TX P 713-263-8001 800-231-3345 P 713-263-7577 800-441-0051

Through the use of current technology and social media, RectorSeal provides support for all chemicals, products and tools including:

- Technical information
- · Marketing materials
- Product installation training videos
- Product codes
- SDS and product data sheets.
- Trade show scheduling

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Electrical

HVAC-R

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