



VALUE ORIENTED SALES



**Elite Support. Time You EXPECT.
Focused Results...**

Vision: VOS aligns itself with complementary manufacturers to ensure a factory-direct level of time and focus when training contractors AND distributors.



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OUR A2L COMPATIBLE LINE UP INCLUDES



Recovery Machine
MR45



Refrigerant Manifolds
SM480V, SM380V



Vacuum Pumps
VPX7, VP87, VP67



Leak Detectors
DR82, DR58



Vacuum Gauge
MG44



Charge and Air Kit Probes
JL3KH6, JL3KR4, JL3PC, JL3PR, JL3RH



Refrigerant Scale
SR47

DEFINING A2L

The HVACR industry is making the transition to more environmentally friendly (lower GWP) refrigerants. With this transition, HFCs are being phased down and there has been a growing acceptance of the use of A2L refrigerants due to their **lower flammability** and **toxicity**.

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Safety Group		
Higher Flammability	A3	B3
Flammable	A2	B2
Lower Flammability	A2L	B2L
No Flame Propagation	A1	B1
	Lower Toxicity	Higher Toxicity

INCREASING TOXICITY

A2L REFRIGERANT REPLACEMENT

Just like A1 refrigerants, some A2L refrigerants are blends and some are pure. Here are a few A2L refrigerants and what HFCs refrigerants they replace. Please refer to flammable refrigerant safety guides, regional codes and legislation for more information about handling these refrigerants.

HFCs Refrigerants	Global Warming Potential (AR4 - 100 YR.)	A2L Replacements	Global Warming Potential (AR4 - 100 YR.)
R-134a	1,430	R-123yf	4
		R-123ZE (E)	7
		R-516a	128
R-22 / R-404A	1,810 / 3,922	R-454A	239
		R-454C	148
R-410A	2,088	R-32	675
		R-454B	466

Air Conditioning Contractors of America <https://hvac-blog.acca.org/staying-frosty-with-a2l-refrigerants/>

Fieldpiece has you covered. Pick up your A2L compatible tool today.



NEW! HOSES & ACCESSORIES

- Universal black, charging & vacuum hoses
- Open, ball valve, low-loss fittings
- Rugged, 4-layer construction
- Unique color tag system
- Sold as 3 Packs, Combo Packs, Individual



Charging Hoses
HR3B | HR3L | HR3 | HR3C | HR3BM | HR3CM



Vacuum Hoses
HV1 | HV1S



Extensions
HR3XB | HR3X



Adapters
RHCM | RHCM45



Spare Color Tags
HCT6



Hose Gaskets + Depressor
RHG12



WHAT'S IN YOUR TRUCK?



LINK YOUR TOOLS

JOB LINK[®] SYSTEM

LINK YOUR JOBS



The Job Link App pairs with all Fieldpiece Job Link wireless tools to display live measurements, perform advanced calculations, provide system diagnostics, and create reports – putting the PRO in HVACR Pro.

THE JOB LINK SYSTEM TOOLS

1. Wireless Power Clamp Meter, SC680
2. Large Pipe Clamp, JL3LC
3. SMAN[®] Refrigerant Manifold, SM480V
4. Wireless Refrigerant Scale, SR47
5. SMAN[®] Refrigerant Manifold, SM380V
6. Wireless Power Clamp Meter, SC480
7. Combustion Analyzer HQ, CAT85, CAT58K2
8. System Flex Psychrometers, JL3RH, JI3KH6
9. Pressure Probes, JL3PR, JI3KR4, JL3KH6
10. Manometer Probes, JL3MN, JL3KM2
11. Combustion Analyzer, CAT45, CAT45K2
12. Pipe Clamps, JL3PC
13. Wireless Vacuum Gauge, MG44



THE JOB LINK SYSTEM APP





THE BENEFITS OF PRO CHARGE



Pro Charge is a revolutionary new product that changes the way additives can be introduced into HVAC equipment.

Each can contains roughly 2 pounds of refrigerant pre-blended with our UV Dye & Sealant and will service systems up to 6 tons.

The refrigerant in each can is the perfect amount to top off equipment with seasonal leaks without spending full cylinder price at the counter.

Our UV Dye & Sealant is an oil based Non-Polymer blend that does not chemically react with air or moisture, so it only activates at the source of the leak and nowhere else!

This product is also non-flammable and is safe for technician's tools!

"It's as easy as charging HVAC equipment with refrigerant!"

- ✓ Saves Time and Money
- ✓ Easily Identifies Leaks
- ✓ True Non-Polymer Sealant
- ✓ The Refrigerant Gets Equipment Running

www.ProChargeProducts.com

CALL OR EMAIL US FOR INFORMATION ON CUSTOM/NON-STOCK PRODUCTS.

Rich Bond, *National Sales*

973.885.2564

• sales@prochargeproducts.com



Why Pro Charge?

Pro Charge is a new product category that while familiar in many ways, is still something new to the industry. Like any product being introduced for the first time to new markets and customers, Pro Charge needs to show why we should earn a place at every HVAC counter and on every work truck within the United States. Below you will find our top reasons as to why we at Pro Charge, and our current customer base, believe our products have earned that privilege. Remember that these are just some of the best reasons to use Pro Charge so if you have more that you want to mention, please feel free to do so.

1. Spend less at the counter and get more value.

-If you were to buy UV Dye and Sealant products at the counter, you can spend anywhere between \$50.00 and \$80.00. Add to that the cost of a full-sized jug of refrigerant and now your out hundreds of dollars at a minimum. With Pro Charge, one product is all you need and you won't have to break the bank to service your customers.

2. One can is enough to get almost every seasonal leak call up and running.

-The typical residential seasonal leak will have equipment down about 1-2 pounds of charge on average, which is why we chose a small 2 pound can for our product. One can is usually enough to get a customers equipment charge up, running properly, and putting out cold air.

3. Service calls don't have to eat half a day or more with Pro Charge.

-No cooling calls become quick and easy with Pro Charge. Many HVAC contractors are super busy these days and leak searches/repairs can take up a huge amount of technician's time. It takes less that 2 minutes to charge a customer's system with our product and within 45 minutes, the leak will be identified and sealed.

4. Our sealant will not clog up equipment or your gauges.

-The sealant we use does not chemically react with air or moisture in or out of an active system and is designed to activate only at the location of an active leak. This means our product wont gel up in your gauges, recovery pumps, or the equipment you're working on.

5. Full sized refrigerant cylinders are expensive!

-Why spend hundreds of dollars (almost \$1000.00 for R22) on full sized refrigerant cylinders for a leak search/repair that usually only needs 1-2 pounds of refrigerant? Purchasing Pro Charge at the counter cost you a fraction of that and you still get to charge the customer what you would have if you bought the full-sized cylinder. It's a no brainer!

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www.prochargeproducts.com

44 North 8th Street
Lebanon, PA 17046





CLEAR DRAIN®

A dispenser that uses Gel Tab Slow Release Tablets that are designed to treat air conditioning system drain line water. These Gel Tablets are currently on the market and are approved for sale and use in air conditioning systems. The unit attaches to the air conditioning drain line pipe just outside of the air conditioning drain pan at the air handler.

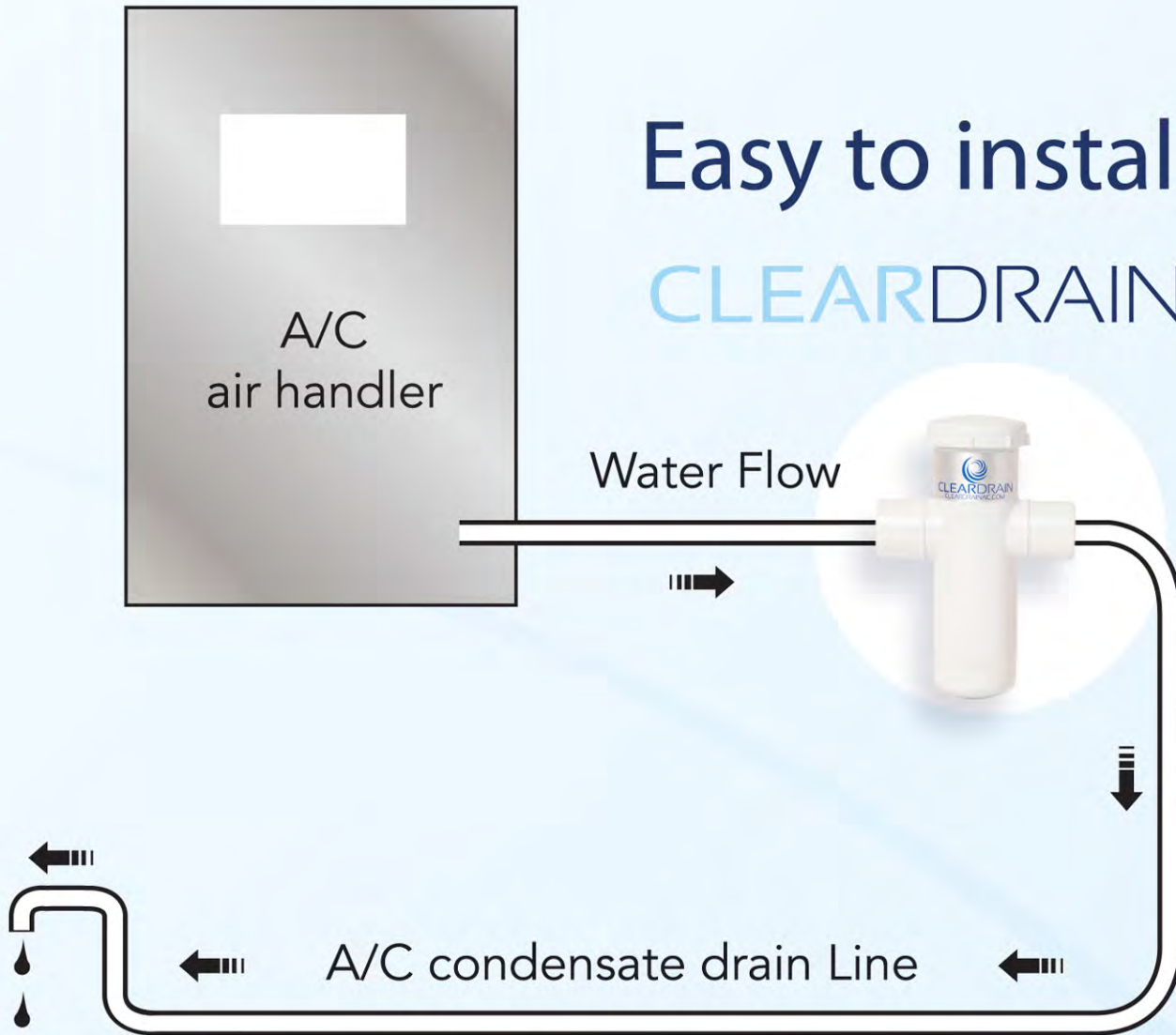
The Gel Tabs continuously treat the air conditioning drain line water as they slowly dissolve and helps to prevent the following:

- Helps prevent algae buildup in the drain line
- Helps control odor from contaminated drain line water
- Helps prevent drain line blockage caused by insects and pests
- Helps prevent damage to drywall, insulation, flooring and trim caused by air conditioning drain pans overflowing due to clogged drain lines
- Helps prevent mold and mildew caused by overflowing drain pan water
- Helps prevent air conditioning units from automatically shutting down due to clogged drain lines and drain pans becoming full of water
- Helps prevent the cost of service calls for air conditioning companies to clean out clogged air conditioning drain lines each time they become clogged

These are just some of the advantages and benefits of having ClearDrain® installed on every air conditioning system!

Easy to install!

CLEARDRAIN®



Gel Tabs are formulated with a breakthrough gel locking technology for treating air conditioning drain pans and lines. Helps keep the drain line from clogging and eliminates foul and musty odors.

CLEARDRAIN®

“Made in the USA”

Air Conditioning Drain Water
Treatment System

Patent # US 10,370,181 B1

Hisense

Hi-ULTRA FD SERIES

Horizontal Discharge Ducted Heat Pump/AC

10 YEAR PARTS* <small>LIMITED WARRANTY</small>	2 YEAR LABOR* <small>LIMITED WARRANTY</small>
--	---

*: follow instruction on service manual or from your distributors





Specifications

Model			2T	3T	4T	5T
Power supply		V/ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity	Btu/h	24000	36000	48000	56000
	Capacity(Min-Max)	Btu/h	6700-26000	11800-36800	18300-52000	18300-59400
	SEER2	Btu/(W.h)	17	18	17.5	17
	EER2	Btu/(W.h)	9.80	9.55	10.10	8.25
Heating	Capacity	Btu/h	23000	35000	47000	56000
	Capacity(Min-Max)	Btu/h	6700-26000	8900-38200	17600-52000	17600-57500
	Capacity (Rated) @ 47°F	Btu/h	24000	36000	48000	56000
	Capacity (Max) @ 17°F	Btu/h	17600	27000	38800	45400
	HSPF2	Btu/(W.h)	8.3	9	8.5	8.5
	COP2	Btu/(W.h)	11.6	11.3	11.3	10.6
Thermostat type			Common 24V thermostat			
Indoor air flow Rated		CFM	800	1120	1588	1706
ESP	Rated	In.W.C.(Pa)	0.18(45)	0.228(57)	0.276(70)	0.276(70)
	Range	In.W.C.(Pa)	0-0.8(0-200)	0-0.8(0-200)	0-0.8(0-200)	0-0.8(0-200)
Indoor noise level (Hi)		dB(A)	55	57	64	65
Throttle type			TXV			
Indoor unit	Dimension (WxHxD)	mm	500×1170×550	500×1170×550	560×1370×610	560×1370×610
		inch	19-5/8×46-1/8×21-5/8	19-5/8×46-1/8×21-5/8	22×53-7/8 ×24	22×53-7/8×24
Drainage water pipe diameter		inch	3/4"	3/4"	3/4"	3/4"
Outdoor noise level (sound pressure) Hi		dB(A)	54	57	59	60
Refrigerant type/Quantity			R-410A			
Outdoor unit	Dimension(WxHxD)	mm	860×670×310	950×840×340	950×1386×340	950×1386×340
		inch	33-7/8×26-3/8×12-1/4	37-3/8×33×13-3/8	37-3/8×54-5/8×13-3/8	37-3/8×54-5/8×13-3/8
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.88(3/8/5/8)	Φ9.52/Φ19.05(3/8/3/4)	Φ9.52/Φ22.22(3/8/7/8)	Φ9.52/Φ22.22(3/8/7/8)
	Max. pipe length	ft(m)	164(50)	246(75)	246(75)	246(75)
	Max. difference in level	ft(m)	98(30)	98(30)	98(30)	98(30)
Operating temperature range	Cooling	°F(°C)	5-122(-15-50)	5-122(-15-50)	5-122(-15-50)	5-122(-15-50)
	Heating	°F(°C)	-13-75(-25-24)	-13-75(-25-24)	-13-75(-25-24)	-13-75(-25-24)

Standard Features

- Flexible universal replacement solution.
- Compact and slim side discharge design.
- Up to SEER2 18 and HSPF2 9 for Energy & Cost Savings.
- Low temperature heating: -13°F (-25°C).
- Low temperature cooling: 5°F (-15°C).
- Condenser base heater.
- Pressure sensor for more accurate control.
- 54dB as Lowest Sound Level on outdoor unit.
- 0.8' WC Maximum ESP.
- Multiple pipe connection options (Brazing or Flare).
- Refrigerant leak alarm.
- 24V thermostat connection; no adapter required.
- Reduced warehouse/inventory space needed.

Optional Features

- Heater kit (5KW/7.5KW/10KW/15K W/20KW).
- Connect Hisense HD outdoor with 3rd party coils / AHU's.
- Filter dryer.



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 Web site: global.hisense.com



Hisense

XTREME

Hi-MULTI

Multi-Zone Ductless Heat Pump

09K-12K-36K-42K BTU

R410A

10 YEAR
PARTS*
LIMITED WARRANTY

2 YEAR
LABOR*
LIMITED WARRANTY

*: follow instruction on service manual
or from your distributors



Hisense USA Corporation

Specifications



Optional Wired Controller



Type	9K	12K	18K	24K	36K	42K
Multi-Zone Outdoor	×	×	up to 2	up to 3	up to 4	up to 5
Cassette	•	•	•	•	×	×
Split	•	•	•	•	×	×
Duct	•	•	•	•	×	×

Standard Features

- SEER2 up to 22, HSPF2 up to 9.5.
- Low temperature heating: -13°F (-25°C).
- Low temperature cooling: -10°C (14°F).
- Energy-Star qualified + 70% heating -13°F (-25°C) ← 18-36k.
- Xtreme Heat: 100% Heating at 5°F ← 18-36k.
- Condenser base heater.
- Universal wall mount indoor unit capable.
- Long connection pipes: up to 262ft length, 50ft height.
- Hi-Checker service checker.

Optional Features

- WiFi.
- Remote control or wired control.



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 Web site: global.hisense.com





EXTENDED WARRANTY FOR HVAC & PLUMBING

**TAKE YOUR BUSINESS TO
THE NEXT LEVEL**

Product differentiation drives revenue and helps increase market share through distribution and dealer channels.



Brand Loyalty

You control your service revenue. Comfort Protection offers hourly rate reimbursement.



Closing Tools

Selling is easy. Service is seamless. Claims payments are fast!



Underwriting

Our program is backed by Universal Underwriters Insurance Company, an individual member company of Zurich in North America.

Customers

Customers gain peace of mind that every warranty sold is secure for the term. You can rest assured that every claim is insured and paid within 14 days of approval.

Why Choose us

- ✓ Cover any brand of air, heating, or water products
- ✓ increased equipment sales revenue
- ✓ Service you want to sell
- ✓ We are backed by Zurich North America





CUSTOMIZED EXTENDED WARRANTIES

OnPoint can customize extended warranty programs to fit your customers' needs.

TAKE YOUR BUSINESS TO THE NEXT LEVEL



Product differentiation drives revenue and helps increase market share through distribution and dealer channels.



Brand Loyalty

Customers are likely to use your services again, driving long term customer relationships.



Market Share

Through extended warranties, manufacturers can capture more revenue and more market share.



Underwriting

Enhance your own peace of mind by offering a warranty program backed by a member company of Zurich North America.

Customers

Customers gain peace of mind that every warranty sold is secure for the term. You can rest assured that every claim is insured and paid within 14 days of approval.

Why Choose us

- ✓ Coverage on any HVAC brand
- ✓ \$0 deductibles
- ✓ Increase referrals
- ✓ We are backed by Zurich North America



wiha



Tools that work for you





Pick 4
for
July 4



Limited
Quantities
Available



Celebrate with the **NEW!** Wiha RedStripe
Jumbo TECH OT-LC and Wiha Tools





**Condensate Management Products
&
OEM/Custom Pump Design**



NEW BK17 & 22 CONDENSATE PUMP SERIES

FEATURES & BENEFITS

Stainless Steel Mounting Tabs
Versatile multi-slot design
Easily fits other major brands

3/8" Barb Check Valve
Service w/o removing hose
No tools needed

Larger 2.5 Qt. Tank
Pump runs less often
Pump lasts longer

Rubber Feet on Tank
Absorbs vibration
Quieter operation

Lift-to-Test Tab
Quickly test/run pump
Easily drain tank for servicing

New 3-Year Warranty
Proven reliability
Backed with confidence

Bullseye Level on Lid
Confirm pump placement is level
Quick and easy installation

6' Grounded Power Cord
Safe & easy power connection



OTHER CONDENSATE MANAGEMENT PRODUCTS

MS60 MINI SPLIT PUMPS
Condensate pumps for mini split
systems up to 36,000 BTU

CEV500 EVAPORATOR
Condensate evaporator (500W)
for commercial refrigeration

CT200 TREATMENT
Condensate treatment tablets
to keep drain pans and lines clear

1502 SAFETY SWITCHES
Overflow safety switches for
metal and plastic drain pans

G SERIES PUMPS
Bottom intake and submersible
pumps for a range of applications



Sustainable Coils LLC

Replacement Coil Solutions

- ◆ All coils are manufactured in a small town northwest of Tyler, Texas.
- ◆ Our coils are 99.9% USA material content and 100% USA labor content.
- ◆ We offer replacement coils made exclusively with copper, the BEST material for heat transfer. Aluminum is inferior for heat transfer and just makes the coils significantly larger.
- ◆ We offer copper tubing that is significantly stronger and thicker (up to 28% thicker than it has to be) than virtually any other copper tubing in the North American residential HVAC market. Our copper is specifically formulated to fight corrosion.
- ◆ We have NO minimum order size - the minimum order is just one coil and it will ship freight inclusive meaning no surprise freight bills!
- ◆ We have NO minimum pallet quantity size.
- ◆ We have NO minimum quantity per each coil ordered. We structure the pricing such that pounds per order earn the Wholesaler our middle column or last column pricing.
 - Wholesalers can order 1 of coil #xyz, 3 of coil #abc, 7 of coil #def and so on to get to whatever column pricing they want. If they just need one coil, that's fine with us.
- ◆ Coils may come with R410a pistons installed or R22 pistons installed depending on the age of the coil application. Some of our coils come with R22 TXVs installed and some come with R410a TXVs installed. Additionally, extra pistons or extra TXVs can be ordered for wholesalers' counter sales use.
- ◆ We will install, for a charge, TXVs on units that did not originally come with TXVs.
- ◆ All of our coils have bi-flow capability meaning they can be used for straight cooling and for heat pump applications.
- ◆ All of our installed and for sale pistons have bi-flow capability meaning they can be used for straight cooling and for heat pump applications.
- ◆ All of our installed and for sale TXVs have bi-flow capability meaning they can be used for straight cooling and for heat pump applications.



NOTES



VALUE ORIENTED SALES

www.vosfla.com

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