



H V A C R M A S T E R D I S T R I B U T O R

CATALOG AT A GLANCE



WWW.GLOBALTHESOURCE.COM • PHONE: 800.531.5967

PRODUCTS & BRANDS

- Capacitors
- Definite Purpose Contactors
- Fuses
- Line Sets
- Electrical Service Products
- Relays & Transformers
- Gas Ball Valves & Connectors
- Filter Driers & Sight Glasses
- Specialty Products & Tools



WEBSITES & SOCIAL MEDIA



www.GlobalTheSource.com
View our full catalog of products



www.AmRadManufacturing.com
American made capacitors, view patents



Terms & Conditions



CUSTOMER SERVICE

customerservice@globalthesource.com

Tel. 800.531.5967 • Fax. 800.336.6890

#Trust the 

THE BEST HARD-START INSTALL



**PROTECT
THE AMERICAN WAY**

CPT® Fuse Wire

Protection from Relay Failure
Within 3 Seconds

CPT®

Protection from run capacitor failure



AmRad hard-start kits and motor-run capacitors now come with built in safety features (CPT® Fuse Wire & CPT®) that cut the hard-start off from the system in the event of a part failure, protecting the compressor. Without these safety features, if the relay sticks or the motor-run capacitor fails, the compressor will run outside of its design parameters. This could potentially cause permanent compressor damage and/or complete failure.

CPT® Fuse Wire exclusively on

- AmRad Universal Hard-Start Kits (Up to 5 TONS)
 - TES5 (Internal Potential Relay)
 - TES5EXT (External Potential Relay)

Green	02,646 μF
White-4	04,754 μF
White-6	05,726 μF
Red	10,200 μF
Yellow	20,330 μF
Blue	25,300 μF
7/16/2024	3:45 PM
SN: 0716240420	
Factory Measurements Capacitance and Dissipation Factor @1KHz	

CPT® exclusively on

- AmRad Universal Motor-Run Capacitors
 - Turbo 200®
 - Turbo 200®X
- AmRad USA Made Motor-Run Capacitors
 - Single Value (40+MFD)
 - Dual Value (All Values)

GREEN LABEL

The one & only company featuring the green label.
Exact MFD rating when created



TURBO 200® SERIES



THE POWER OF UNIVERSAL

Eliminate the need to inventory more than 200 individual capacitors

Exclusive  Distributor

- Made in Palm Coast, FL, USA
- Filled with a thick non-PCB dielectric fluid to reduce heat
- Rust free all brass terminals
- 5 Year Warranty
- Turbo 200® and 200X
 - Individually tested and labeled with exact MFD ratings at completion of manufacturing
 - Come with the Compressor Protector Terminal (CPT®)

Turbo 200® with CPT®

- Run capacitor that replaces over 200 single or dual values up to 67.5 MFD

Turbo 200®X with CPT®

- Run capacitor that replaces any of the higher range single or dual capacitors used in scroll compressors and higher efficiency A/C units, values up to 97.5 MFD

Turbo 200® Mini and Mini-Oval

- Run capacitor for fan size values 2.5 MFD to 15 MFD



Turbo 200® Install Video



CPT® AI Video


CPT® (Compressor Protector Terminal®)



- Proprietary terminal that acts as a kill switch between the hard-start and compressor in the event of a failed run capacitor; preventing damage and possible compressor failure
- Pair it with the CPT® Fuse Wire on AmRad's universal hard-start kits for the best compressor protection
- See Page 3 for further details

Part Number	Value Range	Voltage Range	Case Qty
TURBO200	2.5 to 67.5 MFD	370/440 V	20
TURBO200X	5 to 97.5 MFD	370/440 V	20
TURBOMINI	2.5 to 15 MFD	370/440 V	50
TURBOMINIOVAL	2.5 to 15 MFD	370/440 V	50

FOR QUALITY PERFORMANCE AND YOUR SAFETY

 These Turbo® capacitors have been tested and approved to the highest certification level of UL (Underwriters Laboratories) Standard 810; 10,000 AFC; Protected. (As required for all "original equipment" motor-run capacitors). These Turbo® capacitors are produced under one or more U.S. patents with additional U.S. and foreign patents pending.

TURBO EASY-START®



UNIVERSAL HARD-START KITS

Cover up to 5 Tons, with internal or external potential relay

Exclusive (G) GLOBAL Distributor

- Made in Palm Coast, FL, USA
- Filled with a thick non-PCB dielectric fluid to reduce heat
- Rust free all brass terminals
- 5 Year Warranty on TES5
3 Year Warranty on TES5EXT
- 2-wire universal, “low-loss” metallized motor-start capacitor

Turbo Easy-Start® 5 with CPT® Fuse Wire

- The built-in potential relay is completely enclosed and watertight; ideal for corrosive environments

Turbo Easy-Start® 5 with External Potential Relay and CPT® Fuse Wire

- Requested by contractors, the external relay makes for easy mounting in limited spaces



TES5EXT Install Video

CPT® Fuse Wire



- Ensures compressor protection within 3 seconds of a relay failure
- Pairs perfectly with the CPT® (Compressor Protector Terminal®) on AmRad’s Turbo 200®, Turbo 200®X and USA Made Capacitors to protect your compressor in the event of a run capacitor failure
- See Page 3 for further details

EASY TO FOLLOW
INSTALL INSTRUCTIONS
RIGHT ON THE CAN



Part Number	Potential Relay	Value Range	Voltage Range	Case Qty
TES5	Internal	Up to	Up to	20
TES5EXT	External	324 MFD	330 V	20

TURBOLYTIC®



UNIVERSAL START CAPACITORS


Reduced inventory,
increased convenience

- Made in Palm Coast, FL, USA
- Filled with a thick non-PCB dielectric fluid to reduce heat
- Rust free all brass terminals
- 5 Year Warranty
- UL approved safety interrupter

Exclusive  Distributor

Part Number	Value Range	Voltage Range	Case Qty
TURBOLYTIC50	Up to 324 MFD	Up to 330 V	36

FOR QUALITY PERFORMANCE AND YOUR SAFETY

 These Turbo® capacitors have been tested and approved to the highest certification level of UL (Underwriters Laboratories) Standard 810; 10,000 AFC; Protected. (As required for all "original equipment" motor-run capacitors). These Turbo® capacitors are produced under one or more U.S. patents with additional U.S. and foreign patents pending.

Turbolytic® 50

- Motor start capacitor can replace any of the most popular values up to 324 MFD
- 2.6" diameter x 4.2" tall

Part Number	MFD	Covered by Turbolytic®50
110/125 V		
1002	21-25	
1003	25-30	
1004	30-36	
1005	36-43	
1006	43-52	
1007	53-64	
1007A	64-77	
1008	72-86	
1009	88-106	
1010	108-130	
1011	124-149	
1012	130-156	
1013	145-174	
1014	161-193	
1015	189-227	
1016	200-240	
1017	216-259	
1018	233-280	
1018A	243-292	
1019	270-324	
1020	300-360	
1021	324-389	
1022	340-408	
1023	378-454	
1024A	430-516	
1024	440-480	
1025	460-552	
1026	540-648	
1027	590-708	
1027A	645-774	
1028	708-850	
1028A	800-900	
1028AB	815-978	
1029	829-995	
1030	1000-1200	

Part Number	MFD	Covered by Turbolytic®50
220/250 V		
1038	21-25	
1039	25-30	
1040	30-36	
1041	36-43	
1042	43-52	
1043	53-64	
1043A	64-77	
1044	72-86	
1045	88-106	
1046	108-130	
1048	124-149	
1047	130-156	
1049	145-174	
1050	161-193	
1051	189-227	
1052	216-259	
1053	233-280	
1053A	243-292	
1054	270-324	
1054A	297-356	

Part Number	MFD	Covered by Turbolytic®50
330V		
1055	21-25	
1056	25-30	
1057	30-36	
1058	36-43	
1059	43-52	
1060	53-64	
1060A	64-77	
1061	72-86	
1062	88-106	
1063	108-130	
1065	124-149	
1064	130-156	
1066	145-174	
1067	161-193	
1068	189-227	
1069	216-259	
1071	270-324	

These tables list the most popular motor-start capacitor on the market

The Turbolytic®50 covers over 75% of them!

"THE MORE YOU KNOW, THE LESS YOU HAVE TO CARRY"
- MORS KOCHANSKI

USA MADE CAPACITORS



Exclusive  Distributor

- Made in Palm Coast, FL, USA
- Filled with a thick non-PCB dielectric fluid to reduce heat
- Rust free all brass terminals
- 5 Year Warranty
- Individually tested and labeled with exact MFD ratings at completion of manufacturing
- Comes with the Compressor Protector Terminal (CPT®) on 40+MFD Single Value and all Dual Values
- UL/CSA Recognized
- OEM approved



AmRad Capacitor Video



CPT® (Compressor Protector Terminal®)



- Proprietary terminal that acts as a kill switch between the hard-start and compressor in the event of a failed run capacitor; preventing damage and possible compressor failure
- Pair it with the CPT® Fuse Wire on AmRad's universal hard-start kits for the best compressor protection
- See Page 3 for further details



CPT® 60 Sec. Video

UNMATCHED QUALITY
Backed by over 80 years of quality, reliability and durability

Part Number	MFD	Can Dimensions* ~ Diameter x Height	Case Qty
SINGLE CAPACITANCE (OVAL CAN)			
USA2029	5	2" x 1.25" x 2"	100
USA2030	6	2" x 1.25" x 2"	100
USA2031	7.5	2" x 1.25" x 2"	100
USA2035	10	2" x 1.25" x 3"	100
USA2037	12.5	2" x 1.25" x 3"	100
USA2260**	20	2.25" x 1.25" x 4.25"	25
USA2040**	25	2.25" x 1.25" x 4.25"	25
SINGLE CAPACITANCE (ROUND CAN)			
USA2208	12.5	1.75" x 2.75"	100
USA2209	15	1.75" x 2.75"	100
USA2211	20	1.75" x 3.25"	100
USA2213	30	1.75" x 4.25"	100
USA2214	35	1.75" x 4.25"	100
USA2215	40	2.0" x 4.5"	50
USA2216	45	2.25" x 4.5"	50
USA2217	50	2.25" x 4.5"	50
USA2218	55	2.25" x 4.5"	50
USA2219	60	2.25" x 4.5"	50
USA2220	65	2.25" x 4.5"	50
USA2228	70	2.5" x 4.5"	50
USA2229	80	2.5" x 4.5"	25
DUAL CAPACITANCE (ROUND CAN)			
USA2222	20/5	2.0" x 4.5"	50
USA2225	25/5	2.0" x 4.5"	50
USA2225B	25/7.5	2.0" x 4.5"	25
USA2226	30/5	2.0" x 4.5"	50
USA2227	35/5	2.0" x 4.5"	50
USA2291	35/7.5	2.25" x 4.5"	50
USA2235	40/5	2.25" x 4.5"	50
USA2232	40/7.5	2.25" x 4.5"	50
USA2236	45/5	2.25" x 4.5"	50
USA2233	45/7.5	2.5" x 4.5"	50
USA2237	50/5	2.5" x 4.5"	50
USA2238	50/7.5	2.5" x 4.5"	50
USA2240	55/5	2.5" x 4.5"	50
USA2218BA	55/10	2.5" x 4.5"	50
USA2220B	60/5	2.5" x 4.5"	50
USA2221	70/5	2.5" x 6.0"	25
USA2222BA	80/5	2.5" x 6.0"	25

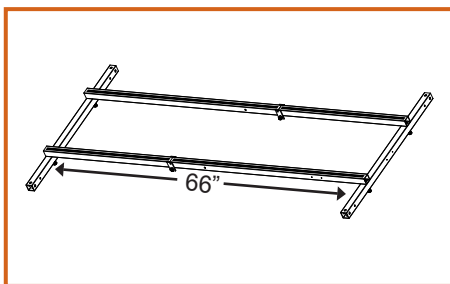
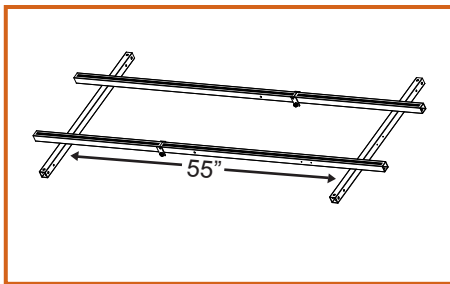
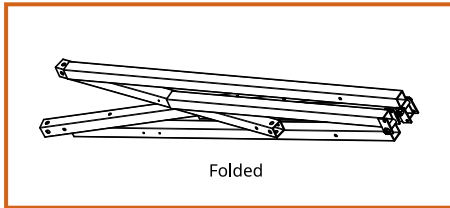
More Sizes Available

RAD EQUIPMENT HANGER

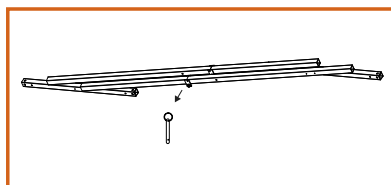


RAD EQUIPMENT HANGER

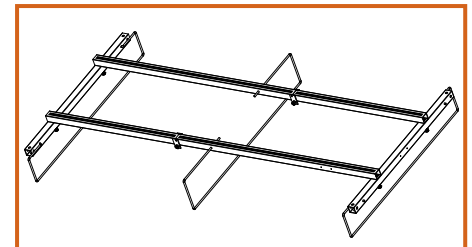
1 MAN JOB! IT'S EASY
JUST UNFOLD, LOCK, & HANG



*Patent Pending



Hinge pin to secure & lock hanger in place



Drain pan hangers included

HVAC EQUIPMENT HANGER

- Weight rating up to 400lbs. for suspension
- Good for both residential and commercial applications
- Easy to carry on the job site
- Hanger- all thread fixed hanging suspension
- #3 Gripple, 15 ft. long cable, with 3.5" bolts on each corner
- Galvanized coating for longer life
- Cross support adjustable from 55" to 66" to ensure best fit
- Anti-vibration foam to enable quiet equipment operation
- Pre-installed levels on each side
- Fits up to 34" wide drain pan
- Supports up to a 5 ton air handler or furnace & coil kit weighing up to 400 lb.
- California hanging advisements of installing/hanging cables at a 45-Degree angle to minimize sway in case of an earthquake
- Pending UL Certification
- Drain pan hangers included
- Drain pan sold separately

Part Number	*Unit Length	Pallet Qty.
REH66	66"	36



View install video



MADE IN USA

PATENT &  PENDING

Exclusive  Distributor

HVAC SURGE PROTECTION



FIRST LINE OF DEFENSE

Prevent equipment loss from power outages, surges, and voltage transients



Demonstration video

- Made in the USA
- 10 year warranty
- Durable and cost effective
- Protects HVAC condensing units, furnaces, air handlers, heat pumps, motors and ductless air conditioners

Part Number	Description	Case Qty
DTK-120/240CM+	120/240V Single Phase Surge Protection	12
DTK-1LVLPLV	1 Pair, 30V, 16-22SWG Terminal Strip	12
DTK-4LVLPLV	4 Pair, 8-Wire 24V Surge Protection	12
DTK-2403CMXPLUS	240V 3 Phase Secondary Surge Arrester	9
DTK-4803CMXPLUS	480V 3 Phase Arrester w/ LED Diagnostics	9
DKT-KG2	Kool Guard Series Intelligent Voltage Monitoring	10

DTK-120/240CM+

- NEMA 4X weatherproof enclosure allows for use in harsh environments
- Parallel connection for easy installation
- Diagnostic LED provides positive indication of power, ground presence, and surge protection
- Automatically resets to handle multiple surge events
- Protects HVAC condensing units, furnaces, air handlers, heat pumps, motors and ductless air conditioners installed and wired to the load side of the disconnect
- UL Listed
- 3 Year \$7,500 residential connected equipment manufacturer warranty

DTK-KG2

- Standard UL Type 4X polycarbonate enclosure allows the unit to be easily installed in harsh outdoor environments
- Protection for under-voltage & over-voltage events
- Safely disconnects power to the system with adjustable time delay (30 seconds-3 minutes) before reconnecting after a voltage issue.
- Diagnostic red and green LEDs indicate exactly what voltage condition is present
- Surge protection components included to divert harmful transient voltages away from the equipment
- Applications:
 - Ductless AC Systems (Mini-splits)
 - Inverter-type Compressor Systems
 - Split Systems
 - Goes up to 40A


LINE SETS



MATERIAL MATTERS

Abrasion and weather resistant polymeric jacket, providing the best protection in the industry



- Made and assembled in the USA
- Copper Tube UL Recognized to 700 PSI MWP 
- 10-year limited manufacturing warranty on copper tube
- R410A Engineered and Tested
- ASTM B1003

CURRENTLY AVAILABLE 1/2" DURAGUARD UV INSULATION WITH STRAIGHT ENDS				
Part Number	Liquid Line	Suction Line	Length	Pallet Qty
SUCTION LINE ONLY				
00420500C	-	1/4"	50'	12
00620500C	-	3/8"	50'	8
00820500C	-	1/2"	50'	7
MINI SPLIT				
40620250B6C	1/4"	3/8"	25'	12
40620500B6C	1/4"	3/8"	50'	8
40820250B6C	1/4"	1/2"	25'	12
40820500B6C	1/4"	1/2"	50'	7
41020250B6C	1/4"	5/8"	25'	8
41020500B6C	1/4"	5/8"	50'	7
61020250B6C	3/8"	5/8"	25'	8
61020500B6C	3/8"	5/8"	50'	7
61220250B6C	3/8"	3/4"	25'	8
61220500B6C	3/8"	3/4"	50'	5

Duraguard UV™ Insulation

- Operating Temperature Range: -70°F to +220°F (ASTM C534)
- Insulating properties of elastomeric foam
- 5-year limited manufacturer warranty on insulation including UV Resistance
- Compliances: ASTM E 84 25/50, 2012/2015 IECC (Res. + Comm.), ASTM G153, UL 94 (fire stop), and CA Title 24, Section 120.3

"R" Value for 1/2" insulation = R3

Other sizes available upon request, call for details!

WHY CHOOSE STREAMLINE® DURAGUARD UV™ LINE SETS?	Duraguard UV™	Polyethylene (PE)
Elastomeric Rubber Insulation	✓	✗
Sunlight (UV) Resistant	✓	✗
Mechanical Abuse Resistant	✓	✗
Insulation Warranty	✓	✗
Fire Stop Compliant (UL94)	✓	✗
CA Title 24 Compliant	✓	✗

Comparison based on Streamline® line set products



RAD FLOAT SWITCH

RAD FLOAT SWITCH Universal Float Switch ALL in 1



Flow-Thru

Capped

(for primary drain pan auxiliary outlet)

Clip-on

(Auxiliary Drain Pan)

FEATURES:

- All-in-1 Float Switch
- Capped, Clip on & Flow-Thru assembly options
- No limitation of pan height
- Made of Kibiton Resin™ a durable impact resistant material
- Can be used on all 24 V systems, 1 size fits all
- Translucent body allows for visual inspection of water presence reducing diagnosis time & cost
- Made in the USA
- No gluing or cutting existing drain lines on capped or clip-on versions
- Vertical deep well rotating head for a secure mount
- For use in metal or plastic drain pans
- Replaces the need to carry other brands with our all-in-1 float switch
- Automatic shut off if water is detected

Introducing the new, innovative, All-in-1 RAD Float Switch made by AmRad (the engineers of the Turbo 200® line & more) that features Capped, Flow-Thru, and Clip-on setup assembly options. Its translucent body allows for a quick visual confirmation of water presence. The RAD Float Switch is easy to install in the tightest spaces and has no pan height limitations!

ALL in 1 Float Switch 3-OPTION ASSEMBLY EASY AS ADJUST & INSTALL!



View install video



MADE IN USA

Part Number	Pallet Qty	Min. Order Qty
RFS1	1350	25

Exclusive (G) GLOBAL Distributor

PATENT & (UL) PENDING

UNIVERSAL CAPACITOR MOUNT

NEW PRODUCT!

SAFE & SECURE

Mount any size run/start capacitors & place securely with our newest patented product!

- Made in the USA
- Easy to install
- Comes in a 2-pack
- Interlocks as one if needed
- Made with durable material
- Holds capacitor in place securely
- 2 screws and 2 zip ties included in pack



Watch Video for Instructions



Part Number	Description	Case Qty
UCM	Universal Cap Mount- 2 pack	50

*Must purchase in full case Qty.

HVAC EQUIPMENT HANGER



GET IT UP, FAST & EASY
Installs in as little as 15 minutes

Hung-Rite

- Made in USA
- Supports up to a 5 ton air handler or furnace & coil weighing up to 400 lbs
- UL Listed
- Hanger comes fully assembled and ready for installation
- Cable locks allow easy leveling of your equipment
- Hanger is collapsible, and easy to take anywhere
- Uses padding to reduce vibration, for quieter equipment operation
- HVAC contractor designed
- Has separate holes drilled for threaded-rod installations
- Equipped with 3 1/2" bolts
- Gives proper support to eliminate equipment buckling
- Leaves equipment unobstructed for future maintenance
- California hanging advisements of installing/hanging cables at a 45-Degree angle to minimize sway in case of an earthquake

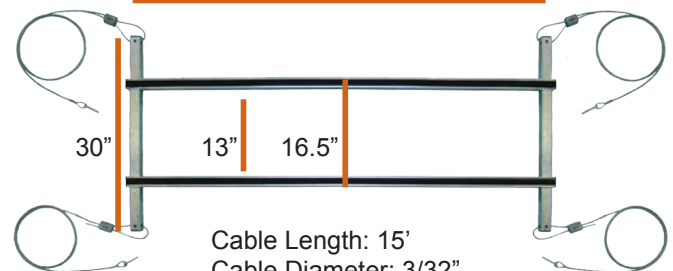


Hung-Rite Video



Exclusive  Distributor

Unit Length*



Cable Length: 15'
Cable Diameter: 3/32"
Bolt Length: 3.5"

Part Number	*Unit Length	Pallet Qty	Min. Order Qty
HUNG-RITE	66"	48	8
HUNG-R33	33"	48	8
HUNG-R56	56"	48	8
HUNG-R78	78"	48	20



WORK LIGHT & FAST
Modular Tool Carry Systems,
Cut the bulk, Work your way



Holstery
Video

Lightweight, Modular, High Quality Tool Belt Systems

- Customize your tool carry with modular tool holsters
- Clip on to your belt, pockets, vest, tool bags, and more
- Comfortable & convenient tool access
- Assembled in the USA
- Heavy Duty Holsters
- Super strong magnet
- Steel spring belt clip
- Milled Aluminum backer
- Lifetime Warranty direct through Holstery



JOEYPRO2020



PPM186050



Part Number	Case Qty.
BIGJOEYPRO2030	20
DRIVERPRO1040	60
JOEYPRO2020	30
JOLLYL1110	20
LOWBOYDOUBLE306	30
LOWBOYSINGLE305	30
MAGPRO1020	60
MODBELTL3040	10
MODBELTXL3040	10
TAPEPRO1060	60
WALLYMAG5020	30
WALLYSCREW5030	20
PPM126040	60
PPM186050	60
PPDEW6060	60
PPCURVE6030	60
PPFLAT6020	60



240 Volt, Single Phase A/C SEALPROOF® Power Whip

- Made in the USA
- Designed for easy installation
- Resists corrosion, oil, and water
- Outdoor, sunlight resistant
- Time saving convenience
- Individually bagged
- Whip – Assembled with all UL Components
- Available in 1/2 inch and 3/4 inch conduit size
- 4 foot and 6 foot lengths
- THHN Wire
 - Approved for up to 600V
 - Max Temperature Rating: 90°C (dry) 75°C (wet)
 - Copper Wire
 - RoHS Compliant

A/C WIRING KITS

EASY INSTALLATION
For air conditioners,
outdoor lighting, spas,
hot tubs and more

Part Number	Size	Fitting	Wire Size	Case Qty
NON-METALLIC				
8071	1/2" x 4'	1-Straight-1-90°	#10THHN	40
8073	1/2" x 6'	1-Straight-1-90°	#10THHN	30
8075	3/4" x 4'	1-Straight-1-90°	#8THHN	30
8077	3/4" x 6'	1-Straight-1-90°	#8THHN	24
METALLIC				
8071M	1/2" x 4'	1-Straight-1-90°	#10THHN	40
8073M	1/2" x 6'	1-Straight-1-90°	#10THHN	30
8075M	3/4" x 4'	1-Straight-1-90°	#8THHN	30
8077M	3/4" x 6'	1-Straight-1-90°	#8THHN	24

GLOBAL PULLOUTS

UPGRADED DESIGN

Fused & Non-Fused 30 AMPS & 60 AMPS Air Conditioner Pull-Out Disconnects

- Easy to Install
- Durable Material - Made with high quality materials Powder Coated Galvanized Steel enclosure is NEMA 3R rated, ANSI certified and UL listed.
- Convenient Knockouts - 6 multi-size knockouts on 4 sides in 1/2" 3/4" & 1" trade sizes.
- Padlockable Door - For safety and security, enclosure can be locked with pullout stored inside in the off position
- The pullout has solid copper connectors.
- Non-Fusible Pullout 60 AMPS, 120/240 Volts
- Fusible Pullout 30 AMPS & 60 AMPS, 120/240 Volts
- UL Listed

**NEW
SMALLER SIZE**



Part Number	Enclosure Material	Phase	Main Amp Rating	Case Qty
FUSIBLE, PULLOUT				
G8062	Galvanized Steel	1	30A	10
G8063	Galvanized Steel	1	60A	10
NON-FUSIBLE, PULLOUT				
G8064	Galvanized Steel	1	60A	10

DISCONNECTS AND PULLOUTS

- Manufactured by Eaton
- Switch and pullout models
- Galvanized steel or durable non-metal
- Copper-rated line and load lugs that are easily accessible
- Ample wiring space for mounting with a stud gun
- 1/2", 3/4" and 1" knockouts on the bottom, back and side of unit
- Easy-to-remove protective front cover for easier wiring and mounting (no screws or fasteners to remove)

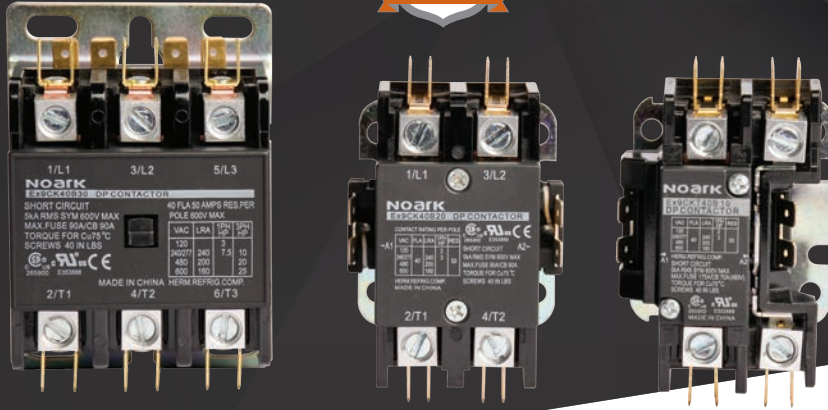


Part Number	Enclosure Material	Phase	Main Amp Rating	Case Qty
NON-FUSIBLE MOLDED CASE SWITCH DISCONNECT				
8068	Galvanized Steel	1	60A	10
NON-FUSIBLE, PULLOUT				
8064P**	Non-Metallic	1	60A	5

*GFI Receptacle is 15A, 120VAC
**Side Door Model

CONTACTORS

NOARK



A BETTER CONTACTOR

High arc resistant polyester base assembly and lugs on every size

5 YEAR WARRANTY

- Rated current from 20 - 75 A
- Enclosed coil standard for all 3 pole frame sizes
- Industry standard mounting plate provides easily accessible mounting holes
- Coil is Class B 266°F (130°C) insulation system with a wide range of voltages
- 50/60Hz ratings for 2 & 3 pole configurations
- Double E magnet assembly provides optimal performance with reduced power consumption
- 1NO+1NC auxiliary contact block with 600 V rating is an available option on 3 pole contactors
- Meets requirements for A2L refrigerants
- UL 508 Recognized, File No. E353866
- CSA Certified, C22.2 No. 265900
- IEC/EN 60947 Compliant
- CE Approved
- Compliance to ARI-780 HVAC Standards
- RoHS Compliant

Exclusive  Distributor

NOARK – COMPARISON CHART

FEATURE	NOARK	JARD	MARS	PACKARD	TITAN MAX
Box Lugs	✓	✓	✓	✓	✓
Enclosed Body	✓		✓	✓	✓
Copper & Brass Terminals	✓		✓	✓	✓
Silver Cadmium Contacts	✓		✓	✓	✓
ARI 780/790	✓		✓		✓
Aux Switches Available	✓	✓	✓	✓	✓
1,000,000 Cycle Mech. Life	✓		✓		✓
Polyester Base Assembly	✓	✓			
5 Year Warranty	✓				

Part Number	Voltage	Amperage	Case Qty
1 POLE WITH SHUNT			
N4143	24 V	30 A	64
N4143ST	24 V	30 A	
N4164	24V	40 A	64
N4164ST	24 V	40 A	
2 POLE			
N4101	24 V	20 A	64
N4104	24 V	25 A	64
N4107	24 V	30 A	64
N4107ST	24 V	30 A	
N4161	24 V	40 A	64
N4161ST	24 V	40 A	
N4102	120 V	20 A	64
N4105	120 V	25 A	64
N4108	120 V	30 A	64
N4162	120 V	40 A	64
N4106	208/240 V	25 A	64
N4109	208/240 V	30 A	64
N4163	208/240 V	40 A	64
N4109A	277 V	30 A	64
3 POLE			
N4113	24 V	30 A	54
N4113ST	24 V	30 A	
N4116	24 V	40 A	54
N4116ST	24 V	40 A	
N4128	24 V	50 A	27
N4114	120 V	30 A	54
N4117	120 V	40 A	54
N4129	120 V	50 A	27
N4135	120 V	75 A	12
N4115	208/240 V	30 A	54
N4118	208/240 V	40 A	54
N4130	240 V	50 A	27
N4133	240 V	60 A	27
N4136	240 V	75 A	12
N4131	24 V	60 A	27
N4132	120 V	60 A	27
N4138	120 V	90 A	12
N4139	240 V	90 A	12

FILTER DRIERS



SOLID CORE DESIGN

High retention filter for removal of particulate as small as 25 microns

Call to request **ANY** Mueller-Filter Drier

- Design Pressure (DP) / Maximum abnormal pressure (MAP): 700 psig
- Maximum working temperature: 160°F/70°C
- Compatible with all CFC, HCFC, HFC and HFO refrigerants and oils, and refrigerants requiring XH-11 desiccant
- UL/cUL Listed, Conforms to Pressure Equipment Directive 2014/68/EU
- High pressure shell and connections
- Powder paint finish approved for marine applications
- 100% copper connection for solder models



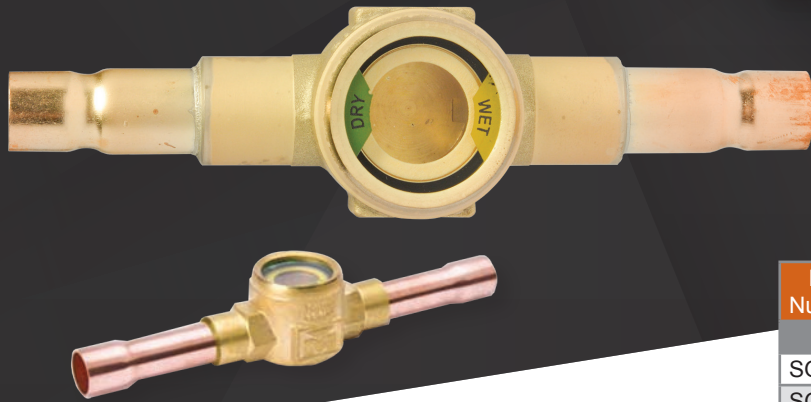
Part Number	Cubic Inches	Connection Size	Overall Length x Diameter	Case Qty
SUCTION LINE SOLDER CONNECTION				
FDS-166-TT	16	3/4"	6.69" x 3.12"	16
FDS-167-TT	16	7/8"	6.77" x 3.12"	16
FDS-169-TT	16	1 1/8"	6.81" x 3.11"	16
FDS-306-TT	30	3/4"	9.70" x 3.11"	10
FDS-307-TT	30	7/8"	9.78" x 3.11"	10
FDS-309-TT	30	1 1/8"	9.81" x 3.11"	10
FDS-4111-TT	41	1 3/8"	10.27" x 3.65"	10

LIQUID LINE FILTER DRIERS				
Part Number	Cubic Inches	Connection Size	Overall Length x Diameter	Case Qty
SOLDER CONNECTION				
SD-032	3	1/4"	4.03" x 1.85"	25
SD-052	5	1/4"	4.40" x 2.32"	25
SD-053	5	3/8"	4.40" x 2.32"	25
SD-083	8	3/8"	5.43" x 2.32"	25
SD-163	16	3/8"	5.79" x 3.12"	16
SD-164	16	1/2"	6.06" x 3.12"	16
SD-165	16	5/8"	6.22" x 3.12"	16
SD-166	16	3/4"	6.69" x 3.12"	16
SD-167	16	7/8"	6.77" x 3.12"	16
SD-303	30	3/8"	8.79" x 3.15"	10
SD-305	30	5/8"	9.22" x 3.15"	10
SD-306	30	3/4"	9.70" x 3.15"	10
SD-307	30	7/8"	9.78" x 3.15"	10
SD-309	30	1 1/8"	9.81" x 3.15"	10
FLARE CONNECTION				
FL-032	3	1/4"	4.29" x 1.85"	25
FL-052	5	1/4"	4.66" x 2.32"	25
FL-053	5	3/8"	5.18" x 2.32"	25
FL-083	8	3/8"	6.22" x 2.32"	25
FL-163	16	3/8"	6.57" x 3.12"	16
FL-164	16	1/2"	6.89" x 3.12"	16
FL-165	16	5/8"	7.25" x 3.12"	16
FL-303	30	3/8"	9.57" x 3.15"	10



HEAT PUMP FILTER DRIERS				
Part Number	Cubic Inches	Connection Size	Overall Length x Diameter	Case Qty
SOLDER CONNECTION				
HPS-083	8	3/8"	5.31" x 2.65"	25
HPS-084	8	1/2"	5.59" x 2.65"	25
HPS-163	16	3/8"	5.87" x 3.15"	16
HPS-164	16	1/2"	6.14" x 3.15"	16
HPS-165	16	5/8"	6.30" x 3.15"	16
HPS-304	30	1/2"	9.13" x 3.15"	16
HPS-305	30	5/8"	9.29" x 3.15"	16
HPS-307	30	7/8"	9.84" x 3.15"	16
FLARE CONNECTION				
HPF-083	8	3/8"	6.09" x 2.65"	25
HPF-084	8	1/2"	6.41" x 2.65"	25
HPF-163	16	3/8"	6.65" x 3.15"	16
HPF-164	16	1/2"	6.97" x 3.15"	16
HPF-165	16	5/8"	7.33" x 3.15"	16
HPF-304	30	1/2"	9.96" x 3.15"	16
HPF-305	30	5/8"	10.32" x 3.15"	16

SIGHT GLASSES



Part Number	Connection Size	Length x Height	MAP psig bar		Case Qty
SOLDER X SOLDER EXTENDED TUBE					
SGS-02	1/4"	5.06" x .097"	775	53	56
SGS-03	3/8"	4.85" x .097"	775	53	56
SGS-04	1/2"	5.75" x 1.19"	775	53	56
SGS-05	5/8"	5.75" x 1.19"	775	53	56
SGS-06	3/4"	6.71" x 1.49"	775	53	48
SGS-07	7/8"	6.71" x 1.49"	775	53	48
M X F FLARE					
SG-02	1/4" x 7/16"-20 UNF	2.45" x 1.06"	700	48	56
SG-03	3/8" x 5/8"-18 UNF	3.00" x 1.30"	700	48	56
SG-04	1/2" x 3/4"-16 UNF	2.85" x 1.30"	700	48	56

- Provides accurate identification of system conditions
- Continuous operating temperature (COT):
-40°F/185°F, -40°C/85°C
- Contact factory or visit website for compatibility with CFC, HCFC, HFC and HFO refrigerants and oils
- UL/cUL Recognized, Conforms to Pressure Equipment Directive 2014/68/EU
- Designed for maximum flow and minimum pressure drop with large viewing window and indicator for better visibility

GAS BALL VALVES & CONNECTORS

Gas Ball Valves

- 175 PSI
- 1/2 PSIG and 5G Certified
- -20°F to 300°F temperature range
- Forged brass, two piece body, lever handle
- Quarter turn lever handle for positive on/off operation
- Coated aluminum handle for corrosion & solvent resistance
- Multi-directional flow
- Chrome plated brass ball



GAS BALL VALVES			
Part Number	Size	Connection	Case Qty
110-222	3/8"	FIP x FIP	10
110-223C	1/2"	FIP x FIP	10
110-223R	1/2" - Red H	FIP x FIP	10
110-224C	3/4"	FIP x FIP	10
110-225	1"	FIP x FIP	6

Gas Connectors

- -40°F to 150°F operating temperature
- Zinc-plated steel S45C Fittings
- Coated connectors have yellow epoxy coating for extra safe-guard protection from common wear & tear



GAS CONNECTORS		
Part Number	Description (1/2 ID, 1/2M x 1/2M)	Case Qty
G012SS101024	24" - Stainless Steel	25
G012SS101036	36" - Stainless Steel	25
G012SS101048	48" - Stainless Steel	25
G012YE101024	24" - Yellow Coated	25
G012YE101036	36" - Yellow Coated	25
G012YE101048	48" - Yellow Coated	25

DUCT TIES



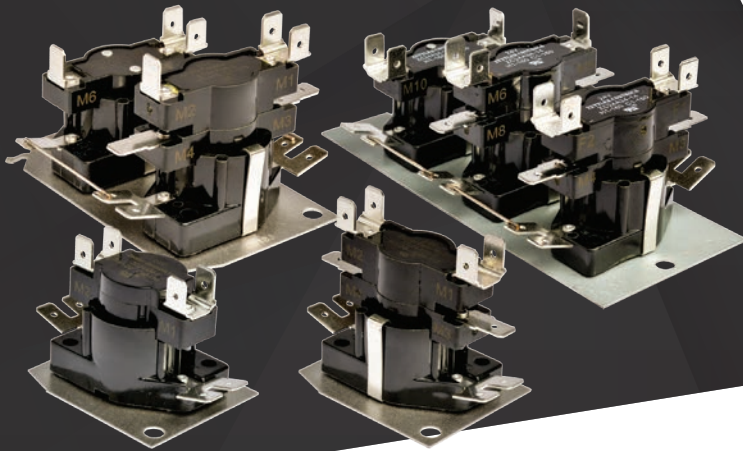
All ties feature a bent tip design for a smooth insertion in hard-to-reach places

- Rounded tips prevent users from cutting themselves on sharp edges.
- UV black cable and duct ties are specially manufactured to resist the sun's harmful UV rays.
- Minimum Installation Temperature: 5°F (-15°C)
- 175 lb. Duct Ties investigated to ANSI/UL 181B
 - UL 2043: "Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces."
 - These products have been found to be suitable for use in plenums in accordance with the "International Mechanical Code," "Uniform Mechanical Code," and ANSI/NFPA 90A, "Installation of Air-Conditioning and Ventilating Systems".UL Listed, Std. 248-14, Guide JDYX, File E19180



Part Number	Max. Tensile Strength	Length	Color	Case Qty
(100 PACK) CABLE TIES				
CT6-40C0W	40 lb.	6"	UV Black	250
CT8-50C0W	50 lb.	8"	UV Black	100
CT8-50C9	50 lb.	8"	Natural	100
CT11-50C0W	50 lb.	11"	UV Black	50
CT11-50C9	50 lb.	11"	Natural	50
CT14-50C0W	50 lb.	14.5"	UV Black	50
CT17-50C9	50 lb.	17"	Natural	50
(50 PACK) DUCT TIES				
CT24-175K0W	175 lb.	24.5"	UV Black	10
CT24-175K9	175 lb.	24.5"	Natural	10
CT36-175K0W-B	175 lb.	36"	UV Black	10
CT36-175K9-B	175 lb.	36"	Natural	10
CT48-175K0W-B	175 lb.	48"	UV Black	10
CT48-175K9-B	175 lb.	48"	Natural	10

HEAT SEQUENCERS



Part Number	Cross Reference	Case Qty
24ZC-1	33241, 24A34-1, Q101	160
24ZC-2	33242, 24A34-2, Q102	160
24ZC-3	33244, 24A34-3, Q103	160
24ZC-4	33245, 24A34-4, Q104	160
24ZC-5	33232, 24A34-5, Q105	80
24ZC-6	33233, 24A34-6, Q106	80
24ZC-14	24A34-14	48

ZC24A34 Series

- Positive temperature coefficient (PTC) heater element:
 - Provides voltage compensation over a wide voltage range without danger of overheating at high voltage
 - Has a unique feature of always stabilizing temperature, regardless of ambient temperature or voltage range
- Self current limiting, and assures device actuation under low voltage conditions
- Solid state PTC
- Shock and vibration resistant
- Mounts in any position
- Full-load rated auxiliary contacts
- Standard operating ambience between - 50° F (-45.5° C) and 165° F (73.8° C)
- Custom timings available
- UL File E237660, UL873; CSA approved
- Quick connect terminals



- Quality restrings for electric strip heater repair.
- Coils fit ceramic insulators with 3/8" inside diameter openings.

Part Number	Cross Reference	Case Qty
5005	5000W @ 240V, 3750W @ 208V, 28" w/ Fuse	10
5005NF	5000W @ 240V, w/o Fuse	10

HEAT RESTRING KITS





WE BELIEVE IN SUPPORTING AMERICA,
AMERICAN MANUFACTURING & THE AMERICAN WORKER

#Trust the 