



STAY COOL

SUPCO International 2023

Sealed Unit Parts Co. Inc, - SUPCO



SUPCO has been a manufacturer of precision electronic Test and Service Instruments and Refrigeration & Air Conditioning components since 1945. We are dedicated to producing high quality, innovative products at affordable prices to a wide range of customers. We have been able to accomplish an excellent growth record in all areas of business through continuous improvements in design, automation, customer service and quality.

SUPCO has two locations in the United States and abroad. We have a network of knowledgeable representatives throughout the world and our Customer Service Department is capable of responding immediately to your needs. USA based in-house engineering and production allow us to address needs of various Original Equipment Manufacturers. We are equipped with the latest Surface Mount Equipment and are able to produce small and large quantities of our products at very competitive prices. Most of our instruments are tested and calibrated according to the US National Institute of Standards and are available with a corresponding certificate of calibration.



Depuis 1945, SUPCO fabrique des instruments de précisions et des composants électroniques pour l'Industrie de l'Air Conditionné et de la Réfrigération. Notre objectif est d'offrir des produits de hautes qualités, novateurs, à des prix abordables pour un large éventail de clients. Aussi grâce à de nombreuses améliorations tant au niveau du design, de la facilité d'utilisation et de la qualité intrinsèque de nos produits mais aussi de par notre orientation dédiée au service de nos clients, connaissons-nous une forte croissance dans divers secteurs de l'industrie.

SUPCO possède deux centres de production dont un aux Etats-Unis. Notre réseau d'agents et de représentants à travers le monde ainsi que notre département client est à même de répondre rapidement à vos besoins. Notre département d'Ingénierie intégré à notre usine aux Etats-Unis nous permet de répondre aussi aux demandes de nombreux fabricants (OEM). Nous nous sommes équipés des dernières technologies en matière de production intégrée et sommes donc à même de produire notre vaste gamme de produits dans diverses quantités qu'elles soient limitées ou importantes et ce, tout en proposant des prix compétitifs. La plupart de nos instruments sont testés et calibrés selon les normes de l'US National Institut of Standards (N.I.S.) et peuvent recevoir un certificat d'étalonnage correspondant.



SUPCO fabrica desde 1945 instrumentos electrónicos de precisión para prueba y servicio y componentes para equipos de refrigeración y aire acondicionado. Estamos dedicados a la producción de productos novedosos de calidad superior a precios asequibles, para una amplia gama de clientes. Hemos acumulado un excelente historial de crecimiento en todas las áreas empresariales, mediante continuas mejoras en diseño, automatización, servicio al cliente y calidad.

SUPCO dispone de instalaciones en dos sitios en los Estados Unidos y en el extranjero y posee una red de expertos representantes en todo el mundo y su Departamento de atención al cliente puede responder inmediatamente a todas sus necesidades. Las divisiones de ingeniería y producción internas en los Estados Unidos nos permiten satisfacer las necesidades de diversos fabricantes de equipos originales. Disponemos de lo último en equipos de ensamblaje en superficies y podemos producir cantidades grandes y pequeñas de nuestros productos, a precios competitivos. La mayoría de nuestros instrumentos se prueban y calibran conforme a los lineamientos del Instituto Nacional de Normas de los Estados Unidos y se ofrecen con el certificado de calibración correspondiente.



SUPCO International Ltd. – SIL



SIL has been operating since 1973 in developing and manufacturing Electrical and Electronic Relays for HVAC Compressors, Protecting devices for Electrical Motors, Appliances, Temperature Monitoring and Logging devices. SIL, together with SUPCO, was the first company in the world introducing the PTC starting relays to the HVAC Industry, which is used today by all compressor manufacturers. SIL is Approved of ISO9001:2015. SIL products are UL and ISA approved and complies with CE and Rohs directives.

Since 1990 SIL operates as the International distributor for the SUPCO and SIL product line for Europe and Asia. SIL is dedicated to obtain the best service and quality to its customers. We are operating a shipping logistic facility and we can ensure prompt delivery for most of the products in our catalog to every location around the world. SIL has its own services and repair laboratories operated by skilled personnel. Among our customers are major OEM, Distributors and service companies In the HVAC industry. SIL and SUPCO employees are dedicated at all times to ensure the best service to our customers around the Globe.



Crée en 1973, SIL développe et fabrique des relais électrique et électronique pour compresseurs hermétiques et semi hermétiques, des protections de moteurs et des enregistreurs / moniteurs de températures. Avec SUPCO, SIL fut le premier à introduire la technologie des thermistances (PTC) pour les relais de démarrage dans l'industrie de l'Air Conditionné / Réfrigération – technologie qui est aujourd'hui utilisé par la majorité des fabricants de compresseurs. SIL est certifié ISO 9001 :2015. Les produits SIL sont approuvés par l'UL et l'ISA et sont conformes aux directives CE et RoHS

Depuis 1990 SIL représente aussi la partie internationale de SUPCO et se focalise principalement sur les marchés d'Europe et d'Asie. SIL a pour but d'offrir le meilleur service et la meilleure qualité à ses clients. Notre service logistique nous permet de proposer un service d'expédition rapide et fiable à destination de notre clientèle internationale et ce, pour la majeure partie des produits de notre gamme. SIL possède ses propres laboratoires et service de réparation dans lequel opère un personnel hautement qualifié. Parmi nos clients se trouvent de nombreux fabricants (OEM), distributeurs et sociétés de services pour la Climatisation et la Réfrigération. Les personnes travaillant au sein de SUPCO et de SIL ont pour but de vous offrir le meilleur service où que vous vous trouviez.



SIL está abocado desde 1973 al desarrollo y la fabricación de relés eléctricos y electrónicos motores y artefactos eléctricos y de dispositivos de medición de temperatura, monitorización y registro. Junto con SUPCO, SIL ha sido la primera empresa del mundo en introducir los relés de arranque PTC en el sector de calefacción, ventilación y aire acondicionado, que actualmente todos los fabricantes de compresores utilizan. SIL posee la certificación ISO9001:2015. Los productos de SIL poseen las certificaciones de UL e ISA y cumplen las directrices de CE y Rohs.

SIL actúa desde 1990 como distribuidor de la línea de productos de SUPCO y SIL en Europa y Asia. SIL está dedicada a brindar el mejor servicio y la mejor calidad a sus clientes. Disponemos de instalaciones de logística de envío, con las que podemos asegurar la entrega inmediata de la mayoría de los productos que figuran en nuestro catálogo en cualquier lugar del mundo.

SIL cuenta con su propio laboratorio de servicio y reparaciones, atendido por personal especializado. Entre nuestros clientes se cuentan fabricantes de equipos originales, distribuidores y empresas de servicio de primera línea de la industria de calefacción, ventilación y aire acondicionado. El personal de SIL y de SUPCO está dedicado en todo momento a asegurar el mejor servicio a sus clientes en todo el mundo.



Distribution Center for UK



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PRODUCT
LINE CARD

SUPCO® DIVISIONS



Under the SUPCO® brand, we manufacture HVACR and Refrigeration components, Test Instruments, Tools and Appliance parts. We operate and develop in proprietary state-of-the art facilities and maintain oversight and control of the quality of the processes and components that go into our parts.

Data View®

Data loggers that monitor real-time measurements for current, voltage, watts, temperature, or humidity. Monitor real time measurements for instant environmental or electrical conditions. When you're ready, download to your computer for further analysis.



As pioneers of "the original" two-wire hard start, our line of SuperBoost® Hard Starts use OEM and NATE recognized technologies to maximize performance. Manufactured in proprietary facilities our SuperBoost® hard starts use only original components, never imitations.



Since 1947, Therm-O-Disc® has been a global leader in the design, innovation and manufacturing of temperature and sensor controls. Our offering of Therm-O-Disc® sequencers and thermostats cover unique configurations and many applications.



The LOGiT Series Data Loggers are designed with the latest technology and will accommodate technological advances for years to come. They are economic, compact and easy to use.

**BULLET®
PIERCING
VALVE**

The ONLY piercing valve with a permanent type, gasket application that provides up to 50 times more sealing area than competitive O-ring types.



Chemicals has manufactured the highest quality chemical products for the maintenance, installation and repair of refrigeration, air conditioning and plumbing systems. SUPCO is proud to be their exclusive Master Distributor.



Siccom® manufactures quiet and strong Condensate Pumps with compact sizes and outstanding quality to price ratios. SUPCO is the Exclusive North American Master Distributor for Siccom®.



The Express Torch is self-lighting and ergonomic. With an integrated igniter and several tips to choose from, Express Torch kits offer power, precision and superior results.



Trusted technology since 1976, our Linebacker® Surge Protectors and Moisturizers are made in the USA and built tough to protect equipment.



A trusted brand in AC and Refrigeration for over 75-years, and known as the "OEMs' Choice", A-1® is now owned by SUPCO® and offers the most complete line of access fittings and service valves at an exceptional value.



With complete viewing through both sides, our Allin Liquid Eye® sight glasses and moisture indicators provide the clearest view of Refrigerant in a system.



INVENTED BY REAL TECHNICIANS

Our technician focused line of innovative products are one-of-a-kind, resourceful solutions that make life in the HVACR field easier.

These unique products have been invented by real trade technicians who've used their ingenuity and resourcefulness to solve common on-the-job problems. Under the TradeFox™ brand, Supco® helped bring their inventions to life through additional engineering and manufacturing.

DO YOU KNOW A TECHNICIAN WITH AN INVENTION OR PRODUCT IDEA?

Send an inquiry to ideas@supcotradefox.com to find out more about our Inventor Program

JOIN IN ON THE SUPCO® TRADEFOX™ SOCIAL BUZZ:



@sealedunitpartscsco



@supco_hvac

A *Supco* BRAND



INVENTOR PROGRAM

Under the SUPCO TradeFox® Inventor Program, we work with technicians to bring their ideas to life and to the market through our years of experience in engineering, manufacturing, marketing and national global distribution.

Visit **SUPCOTRADEFox.COM** to learn more.



JOSH COOLEY **SUPCO TRADEFOX® & DIRECTOR OF PRODUCT MANAGEMENT**

Josh works directly with HVAC technician-inventors who come to us through our Inventor Program, as well as with our engineering and manufacturing teams to add innovative new products under the SUPCO TradeFox® line.

Josh understands technicians and the trade. Not only does he have extensive hands-on experience in the HVACR field, having owned and operated a fifteen-truck HVAC Company in Phoenix and Nashville, but Josh is a SUPCO TradeFox® in his own right.

He is the inventor behind the SUPCO TradeFox® Magnetic Umbrella that so many



ADJUSTABLE MAGNETIC UMBRELLA KIT **MUKIT**

- Includes umbrella & base
- 60" wide
- Waterproof umbrella with durable and flexible fiberglass ribs
- Base swivels and locks
- Heavy-duty magnet attaches securely to any metal housing

SUPCO TRADEFOX® LANYARD | **MULNYD**

Place over hex nut at assembly of MUKIT to help secure umbrella.



NEW

TUGBOAT COMPRESSOR TOTE

TB100

- Heavy-duty steel construction
- Can accommodate all types of compressors
- Adjustable grips
- Quick setup
- Breaks down for easy storage



JACOB CELIS

SUPCO TRADEFOX®

Jacob and his business partner Thaddeus started building the Tugboat at home focusing on quality materials for heavy and safe lifts, including an adjustable height. Thaddeus helped to raise awareness of the Tugboat on social media and Mike Mayberry (@hvac_refer_guy) received the product. Mike recommended Jacob inquire into the SUPCO® TradeFox®. Inventor Program for help getting the Tugboat produced on a mass scale and exposed to supply houses on a wide-scale national basis.



NEW



CHRIS PRANTL

SUPCO TRADEFOX®

TIGHT TAPER® FOIL & MASTIC TAPE APPLICATOR

TT100

- Lightweight and durable applicator presses tape onto seams in tight spaces
- Non slip silicone ends help to easily release tape and smooth it evenly without tears or snags
- Applicator has both inches and cm for measuring tape length required



UNIVERSAL EC MOTOR TESTER

ECMPRO

- 24" wire length
- Short circuit protection
- 24 VAC operating voltage & indicating light
- Convenient magnet on back of unit



TECHNICIAN INVENTED. TECHNICIAN PROVEN.

The ECMPRO was invented by an HVAC technician who was looking for a simple way to check if an Electronically Commutated Motor was good or bad in order to make a quicker diagnosis for the necessary repair.

ATTIC PRO® UTILITY LIFT

ATP1



- Adjustable beam distance from 14" to 24"
- 20 ft. cable
- Lifts up to 250 lbs.

INCLUDES
CARRYING
CASE
& STRAPS



STEVE SNYDER

SUPCO TRADEFOX®

The Attic PRO® was invented by **Steve Snyder**, an HVAC technician who was also a fireman. As a one-man operation, he was looking for a way to help lift furnaces and air handlers up into attics. One day on a training exercise, he used a winch to pull a person out of a man-hole - and the Attic PRO idea was born.

NEW REFRIGERANT LINE CLEANING KIT

RLC100



PAUL LEGGETT

SUPCO TRADEFOX

Paul designed a kit that contains everything needed to remove oil from residential and commercial refrigerant lines without messy flushing. The foam cleaners are launched into the line set using a nitrogen tank and literally "wipe" them clean.

30 Foam Line Cleaners:
 (5) 1 3/8"
 (5) 1 1/8"
 (5) 7/8"
 (5) 3/4"
 (5) 5/8"
 (5) 1/2"



3 Launchers:
 (1) 1 3/8"
 (1) 7/8"
 (1) 5/8"



+ CONVENIENT CARRYING CASE!

(1) Catch Net

4 Adapters:
 (1) 1 3/8" - 1 1/8"
 (1) 7/8" - 3/4"
 (1) 5/8" - 1/2"
 (1) 5/8" - 3/8"

COOLPRESSOR

CPPRO

HIGH-POWERED MAGNETIC COMPRESSOR COOLER

- Uses high powered magnet
- Hands free
- Saves time
- Creates a powerful cascade of water
- No messy backsplash
- Attaches to garden hose



RAY VALDEZ

SUPCO TRADEFOX

The Coolpressor was designed by Ray Valdez, a real HVAC technician who was looking for a more efficient way to quickly cool compressors on the job.



RETRACTABLE MAGNETIC JUMPER

MAGTRACT

- 20" leads
- For use up to 30V / 5A
- For diagnostic use only



HYB1YL

- 20" leads
- Used for low voltage troubleshooting
- For use up to 30V / 5A
- Magnetic tips & alligator clips

COIL CLEANING BRUSH

CCB100



- Adjustable brush head pivots up to 120°
- Patented stiffness adjustment slide
- Two tempered stainless steel cleaning heads built into a single unit
- Handles extends to 4 ft



EDDIE

SUPCO TRADEFOX®

CAP DISCHARGE PEN

CAPDIS



- LED Indicator When Capacitor is Charged
- Standard Magnetic Connector or Alligator Clip Adapter



CAPACITOR SHELF WITH MAGNET

CSWM1

Capacitor Shelf With High Strength Magnet

4-PACK CAPACITOR SHELF

CSX4

Capacitor Shelf (4 Pack)
Includes Cable Ties & Mounting Screws

JONES VALVE® CONDENSATE CLEANOUT

JVI



ANDY JONES

SUPCO TRADEFOX®

The Jones Valve® was invented by **Andy Jones**, an HVAC technician who was looking for a way to permanently mount a multi-directional cleanout device on a condensate line so cleanouts would be faster and easier on service and maintenance calls.



- Most compact size on the market
- No cutting or repairing drain line
- Single Schrader allows for one hose hook-up
- 1/4" hose connection, 3/4" condensate line

REFRIGERANT SAFETY LOCKING CAPS

• USES A STANDARD 3/16" HEX KEY FOR REMOVAL

• RESISTS FAT, GREASE, OILS AND SOLVENTS

• COMPATIBLE WITH R717, R12, R22, R134A, R404A, R410A AND OTHER REFRIGERANTS.

• CODE COMPLIANT FOR TAMPER RESISTANCE

• UV RESISTANT THERMOPLASTIC

• PATENTED CAM ACTION CAP THAT EASILY TIGHTENS BY HAND

• NO SPECIAL TOOLS REQUIRED



Supco® Part No.	Description	
SFL1402	2 Pack	1/4"
SFL1410	10 Pack	1/4"
SFL1450	50 Pack	1/4"
SFL51602	2 Pack	5/16"
SFL51610	10 Pack	5/16"
SFL51650	50 Pack	5/16"



MATTHEW GROSS

SUPCO® TRADEFOX®

The plastic Safety Locking Caps were invented by **Matthew Gross**, a real HVAC technician who was looking for a more cost efficient way to comply with tamper resistance codes and make them easier for service techs to install, remove and carry.

FLEXIBLE VALVE CORE TOOL

FVCT4

- 4 1/2 inches in length
- Flexible to over 120° angle
- CNC finished



FLEXIBLE VALVE CORE TOOL W/ STORAGE

FVCT4PLUS

- 4 7/8 inches in length
- Flexible to over 120° angle
- CNC finished
- Comes with 3 valve cores



VALVE CORE GRIPPER TOOL W/ GASKET INSTALLER

VCGT3

- 3.5 inches in length
- Integrated key ring



FURNACE PRO (6 PACK)

FPRO100

- Holds in door switch for troubleshooting furnaces, air handlers, etc.
- Hands-free



FLAME SENSOR CLEANER

FSC10

- Easily cleans sensor
- Prevents false starts
- Convenient key ring



MANIFOLD GAUGE HANGER

- Decreases work time - put gauges where you want them
- Safe - keeps high voltage away from gauges
- Vinyl coated magnet will not scratch or damage unit
- Increases readability and convenience

BEARING BUSTER



- Reduces bearing replacement time
- Slide hammer action
- Breaks bearing loose from shaft and bracket



JEFF & MIKE

SUPCO TRADEFOXES®

The Bearing Busters were invented by father and son team **Jeff & Mike Durbin** who sought an easier way to replace bearings in blower assemblies by developing a tool that acts like a slide hammer to fit behind the bearing where there is little space to work.

Part No.	Description
BB34	For 3/4" Shafts
BB10	For 1" Shafts
BB114	For 1-1/4" Shafts

Français

English

Español

Relais pour la Refrégeration jusqu'à 1/2 CV

Refrigeration Starting Relays up to 1/2 HP

Relés de arranque para refrigeración hasta 1/2 caballo de fuerza

ICG220

Relais PTC universel de
démarrage (jusqu'à ½ cv)

PTC Universal starting
relay (up to ½ hp)

Relé PTC universel de arranque
(hasta ½ caballo de fuerza)

CE

PO230

Relais PTC universel de
démarrage (jusqu'à ½ cv)
« Push-on »

- Push-on - PTC Universal
starting relay (up to ½ hp)

Relé PTC universel de arranque
"push-on" (hasta ½ caballo de
fuerza)

CE

URSC20 (RSC20)

Relais PTC avec capacité de
démarrage (jusqu'à ½ cv)

PTC Relay with start
capacitor (up to ½ hp)

Relé PTC con condensador de
arranque (hasta ½ caballo de
fuerza)

CE

Relais RO

Relais PTC de démarrage et
surcharge

RO Relays

PTC Starting relay with
overload

Relés RO

Relé PTC de arranque con
sobrecarga

CE

Relais PRO

Relais PTC de démarrage
« Push-on » avec surcharge
(1/12 > 1/2 cv)

PRO Relays

- Push-on - PTC starting
relay with overload

Relés PRO

Relé PTC de arranque "push-
on" con sobrecarga

CE

Relais RCO

Unité 3 en 1: Relais PTC,
surcharge et condensateur de
démarrage

RCO Relays

PTC Starting relay with
overload & start capacitor

Relés RCO

Relé PTC de arranque con
sobrecarga y condensador de
arranque

Codes Produits

Product Codes

Códigos de productos

Pour la compresseurs

Fits to Compressor

Para compresores de

Relais RCO Start Cap.

RCO Relays Start Cap.

Relés RCO Capac. Arr.

RO82 – PRO82 – RCO820

1/12-1/8 HP 220V

+ Cap 43 - 53 Mfd

RO62 – PRO62 – RCO620

1/6 - 1/5 HP 220V

+ Cap 43 - 53 Mfd

RO42 – PRO42 – RCO420

1/4 - 1/3 HP 220V

+ Cap 43 - 53 Mfd

RO22 – PRO22 – RCO220

1/2 HP 220V

+ Cap 43 - 53 Mfd

SKC

Boîtier Electrique de démarrage Boîtier
de démarrage comprenant capacités
marche / Démarrage, relais et
connexions pré-établies Convient pour
tous compresseurs de ¾ à 2,5 cv

Electric Starting Box Starting Kit
includes run & start capacitors
potential relay and pre-wired
connections for any compressors
from ¾ to 2.5 hp

Caja de arranque eléctrico: el kit de
arranque incluye condensadores de
marcha y arranque, relés y conexiones
preestablecidas para todo tipo de
compresor de ¾ a 2,5 cv

Références

Part Numbers

Números de piezas

Pour la compresseurs

Fits to Compressor

Para compresores de

SKC075

3.4 HP - 250V

SKC100

1.0 HP - 250V

SKC150

1.5 HP - 250V

SKC200

2.0 HP - 250V

SKC250

2.5 HP - 250V



Relais de démarrage forcé pour l'air conditionné	Hard Starting relays for Air-conditioners	Relés de arranque forzado para acondicionadores de aire	
SPPE30 - For ST Bristol Compressor Combinaison d'un relais PTC et d'un relais électronique pour redémarrage instantané	Combination Electronic and PTC relay, for Instant restart. (up to 5 HP)	Combinación de relé electrónico y relé PTC para arranque instantáneo (hasta 5 cv)	
SPP Assistance de démarrage forcé avec relais PTC augmentation du couple 250%	SUPER BOOST PTC Starting relay increasing torque up to 250%	Relé PTC de arranque aumenta el torque hasta 250%	
SPP5 Relais PTC et capacité de démarrage forcé (augmente le couple jusqu'à 300%) 43-52µF	SUPER BOOST PTC and start capacitor Hard Start (increasing torque < 300%) 43-52µF	Relé PTC y condensador de arranque para arranque forzado (aumento de par de torsión < 300%), 43-52µF	
SPP6 Relais PTC et capacité de démarrage forcé (augmente le couple jusqu'à 500%) 88-106µF	SUPER BOOST PTC and Start capacitor Hard Start (increasing torque < 500%) 88-106µF	Relé PTC y condensador de arranque para arranque forzado (aumento de par de torsión < 500%), 88-106µF	
SPP7S Relais et capacité de démarrage forcé (augmente le couple jusqu'à 600%) 130-156µF	SUPER BOOST PTC and start capacitor Hard Start (increasing torque < 600%) 130-156µF	Relé PTC y condensador de arranque para arranque forzado (aumento de par de torsión < 600%), 130-156µF	
SPP8E Relais de Tension Electronique (EPR) et capacité de démarrage. Temporisation et re démarrage. instantané. Opère entre, 90-277V, 189-227µF	SUPER BOOST Electronic Potential Relay and Start capacitor Hard Start. Voltage sensing, time safety Back up, Instant Re-Start, 90-277V, 189-227µF	Relé de potencial electrónico y condensador de arranque para arranque forzado. Detección de voltaje, intervalo de seguridad de respaldo, re arranque instantáneo	
3W Relais de démarrage force à haut couple 3-wire Mechanical Potential Relay Hart Start. Replace 5-2-1 • Voltage Sensing • Instant Re-Start • 170-277 VAC • Includes EZ Snap Bracket for Quick Installation	3W High Torque Hard starting relay Pour la compresseurs Fits to Compressor Para compresores de 3W1 1 – 3 HP 35Amp 3W2 3.5–4.5HP 35Amp 3W3 4 – 5 HP 35Amp	3W Relé de par de torsión alto para arranque forzado Capacité de Démarrage Start Capacitor Capac. arr. 88 – 108 Mfd 330VAC 189 – 277 Mfd 330VAC 270 – 324 Mfd 330VAC	
MPR1 - 270-324 µF. Relais de Tension et capacité de démarrage. Temporisation et re-démarrage instantané. Opère entre 90 & 277 V (jusqu'à 5cv)	Mechanical Potential Relay and Start capacitor Hard Start. Voltage sensing, time safety Back up, Instant Re-Start (up to 5 HP)	Relé de potencial y condensador de arranque para arranque forzado. Detección de voltaje, intervalo de seguridad de respaldo, re arranque instantáneo (hasta 5 caballos de fuerza)	
MPR5 - 189-277 µF Relais de Tension et capacité de démarrage. Temporisation et re-démarrage instantané. Opère entre 90 & 277 V (jusqu'à 5cv)	Mechanical Potential Relay and Start capacitor Hard Start. Voltage sensing, time safety Back up, Instant Re-Start (up to 5HP)	Relé de potencial y condensador de arranque para arranque forzado. Detección de voltaje, intervalo de seguridad de respaldo, re arranque instantáneo (hasta 5 caballos de fuerza)	

Relais de tension

Potential Relay

Potencial Relay

APR5 (30Amp)

Relais de tension **ajustable** – convient pour tout type de voltage **208-277 Volt 30A**

Adjustable Voltage
sensitive Potential Relay,
One size fits all Voltages

Relé de **Voltage Regulable**. Un tamaño para todos los valores de voltage **208-277 Voltage 30A**



SUPR (30Amp)

Relais Universel (jusqu'à 5cv) avec temporisation – convient à tout type de voltage **208-277 Volt 30A**

Universal Time based
Potential Relay (up to 5 hp)
One size fits all Voltages.
208-277V 30A

Relé universal (hasta 5 cv) con temporización. Un tamaño para todos los valores de voltage **208-277 Voltage 30A**



μF	Part Number Numéro de la pièce Pieza número	Height Hauteur altura	D Ø	Motor Run Capacitor (Matching CBB60) Exécuter Condensateur pour Moteur électrique condensador de funcionamiento de motor eléctrico			
1	CR1 X440RS	65	35	Structure polypropylene, Epoxy Filling Nominal Voltage: 440Vac 50Hz, Capacitive: 1 – 80 μF $\pm 5\%$ Working Temp.: -25°C / +85°C / 21 Connection: 4 Terminals 1/4", M8 Screw, Nut & Washer.			
1.5	CR1.5X440RS	65	35				
2	CR2 X440RS	65	35				
2.5	CR2.5X440RS	65	35				
3	CR3 X440RS	65	35	 Lifetime Safety Standard: P0#: 400VAC 30kh Class A 440VAC 10kh Class B Test Voltage: T-T:2.0Un/60S Standards: GB3667.1-2005, UL810 IEC60252-1:2001 CE			
4	CR4 X440RS	65	35				
5	CR5 X440RS	65	35				
6	CR6 X440RS	65	35				
8	CR8 X440RS	65	35				
10	CR10X440RS	70	35				
15	CR15X440RS	70	35				
20	CR20X440RS	82	42				
25	CR25X440RS	82	42				
30	CR30X440RS	82	42				
35	CR35X440RS	93	45				
40	CR40X440RS	93	45				
45	CR45X440RS	93	45				
50	CR50X440RS	110	50				
55	CR55X440RS	110	50				
60	CR60X440RS	110	50				
70	CR70X440RS	120	54				
80	CR80X440RS	120	54				
				Motor Start Cap. Plastic 110V		Motor Start Cap. Plastic 330V	
				μF	Part Number	μF	Part Number
				145 – 175	CS145175X110	21 – 25	CS2125X330
				189 – 227	CS189227X110	25 – 30	CS2530X330
						30 – 36	CS3036X330
						36 – 43	CS3643X330
						43 – 53	CS4353X330
						53 – 70	CS5370X330
						72 – 88	CS7288X330
						88 – 108	CS88108X330
						108 – 130	CS108130X330
						130 – 156	CS130156X330
						145 – 175	CS145175X330
						161 – 193	CS161193X330
						189 – 227	CS189227X330
						270 – 324	CS270324X330
						216 – 259	CS216259X400
				Motor Run Cap. Dual Metal 440V		Motor Run Cap. Dual Metal 370V	
				35 + 5	CD35+5X440R	20 + 5	CD20+5X370
				40 + 5	CD40+5X370R	20 + 15	CD20+15X370
				45 + 5	CD45+5X440R	25 + 3	CD25+3X370
				50 + 5	CD50+5X440R	25 + 5	CD25+5X370
						30 + 5	CD30+5X370
						30 + 7.5	CD30+7.5X370
						35 + 5	CD35+5X370
						40 + 5	CD40+5X370
						45 + 5	CD45+5X370
						50 + 5	CD50+5X440
						55 + 7.5	CD55+7.5X370
						60 + 10	CD60+10X370
				Motor Start Cap. Plastic 220V			
						64 – 77	CS6477X220
						189 – 227	CS189227X220

Motor Run Cap. Oval Metal 370V	
3 μF	CR3X370
4 μF	CR4X370
5 μF	CR5X370
7.5 μF	CR7.5X370
10 μF	CR10X370
17.5 μF	CR17.5X370
20 μF	CR20X370
25 μF	CR25X370
40 μF	CR40X370
50 μF	CR50X370
60 μF	CR60X370
70 μF	CR70X370

Motor Run Cap. Dual Metal 370V	
20 + 5	CD20+5X370
20 + 15	CD20+15X370
25 + 3	CD25+3X370
25 + 5	CD25+5X370
30 + 5	CD30+5X370
30 + 7.5	CD30+7.5X370
35 + 5	CD35+5X370
40 + 5	CD40+5X370
45 + 5	CD45+5X370
50 + 5	CD50+5X440
55 + 7.5	CD55+7.5X370
60 + 10	CD60+10X370

AC HARD STARTS

As the Pioneer of the Two-Wire Hard Start Kit, SUPCO offers a HARD START technology to meet every system needs and budget.

Systems With Fixed Orifices

PTC Technology 2-WIRE ONLY



Part No.	Increase In Torque
SPP	250%
SPP5	300%
SPP6	500%
SPP7	600%

- ✓ EASY TWO-WIRE INSTALLATION
- ✓ LOW COST
- ✓ INCREASES TORQUE UP TO 600%
- ✓ DURABLE



E146162

Systems Where a TXV is Used

Mechanical Potential Relay Technology 3-WIRE



- ✓ EZ-SNAP BRACKET INCLUDED FOR MOUNTING
- ✓ THREE-WIRE MOST SIMILAR TO OEM STYLE
- ✓ CHOOSE A CLOSELY MATCHED RELAY & CAPACITOR

Part No.	Application	Capacitor Size	Ref. to 5-2-1
3W1	1 – 3 ton	88 – 108 μ F	CSRU1
3W2	3.5 – 5 ton	189 – 227 μ F	CSRU2
3W3	4 – 5 ton	270 – 324 μ F	CSRU3

2 PARTS REPLAC 1-5 TONS – 3W1, 3W2

Systems Where a TXV is Used

Electronic Potential Relay Technology 2-WIRE ONLY



Part No.	Application	Cap. Size
SPP6E	1/2 – 3hp	88–106 μ F
SPP7E	1 – 4 hp	130–156 μ F
SPP8E	1 - 5 hp	189–227 μ F
SPP10E	3hp and up	270-324 μ F

- ✓ ONE KIT (SPP8E) COVERS 1 TON AND UP
- ✓ BACKUP SAFETY TIMER PROTECTS COMPRESSOR FROM OVERHEATING

Systems Where a TXV is Used

Mechanical Potential Relay Technology 2-WIRE ONLY



- ✓ EASY TWO-WIRE INSTALLATION
- ✓ INSTANT RECYCLING
- ✓ TWO KITS COVER SYSTEMS UP TO 5 TONS

Part No.	Application	Capacitor Size	Ref. to Kickstart
WITHOUT RELAY COVER			
SPR5	1 - 3 hp	189–227 μ F	TO-5
SPR1	3.5 - 5 hp	270-324 μ F	KS-1
WITH RELAY COVER			
MPR5	1 - 3 hp	189–227 μ F	TO-5
MPR1	3.5 - 5 hp	270-324 μ F	KS-1

References to original equipment and other manufacturers' names, models, trademarks and part numbers are used for identification purposes only and SUPCO® replacement products are not in any way affiliated, endorsed or sponsored by such manufacturers.

Protections et Temporisations

TD69

Temporisation programmable à la mise sous tension

Timers and Protectors

Adjustable Delay on Make Serial Timer, 1Amp

Temporizadores y Protectores

Temporizador regulable con retardo de encendido (DOM)

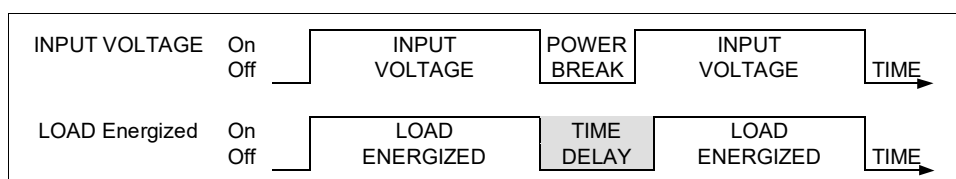
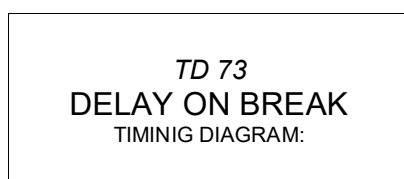
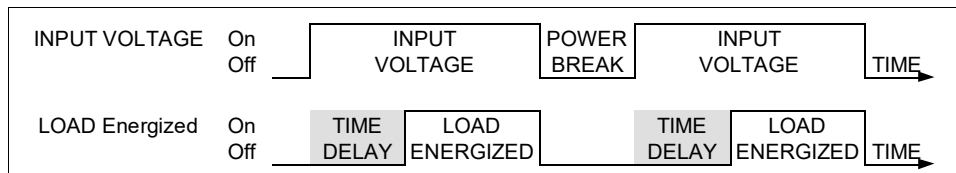
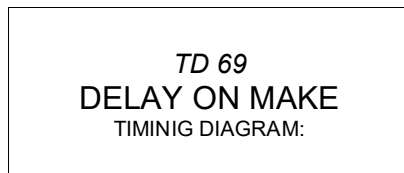


TD73

Temporisation programmable à l'arrêt

Adjustable Delay on Break Serial Timer, 1Amp

Temporizador regulable con retardo a la parada (DOB)



TPMPU

Protection de Moteur Tri Phasés Protège Moteurs & compresseurs tri phasés des Problèmes de phases (perte / séquence / fréquence)

Three Phase Motor Protector, Protects three-phase Motors & compressors from phase loss, imbalance & sequence

Protector de motor trifásico: protege motores y compresores trifásicos contra problemas de fases (secuencia, pérdida, desequilibrio)



Protections Para-Foudre

Protections Parafoudre pour la HIFI - la micro et l'électroménager -faible voltage

Surge Protectors

Protect Appliance from power surges & low voltage, 250V, 16A + time delay

Protectores contra Sobretensión

Protector de electrodomésticos contra sobretensión y baja tensión, 250 V, 16 A

COOL250 Air conditionné et réfrigération

COOL250 Refrigeration & air conditioning

COOL250 Refrigeración y aire acondicionado

TECH250 Micro informatique et Vidéo

TECH250 Computers audio Video

TECH250 Para ordenadores, audio y video

HOT250 Fours et cuisinières

HOT250 Cooking Ovens

HOT250 Cocinas

WASH250 Lave et sèche linge

WASH250 Washers and dryers

WASH250 Lavarropas y secadores



SHABBATPRO1

Dispositif de protection contre les surtensions pour réfrigérateurs et Système anti-profanation du Shabbat. Leds de signalisation de fluctuation imminente de l'alimentation électrique.

Surge Protector for refrigerators & Shabbat Desecration Prevention device. Indicating Leds for Imminent changes in current supply.

Protector de sobrecarga de tensión para refrigeradores y dispositivo de prevención contra la profanación del sábado. Diodos electroluminiscentes (DEL) indicadores de cambios inminentes en el suministro de corriente.



UNPROTECTED EQUIPMENT IS A THING OF THE PAST...
With the LBK10 Surge Protector's self-monitoring
The protection is always there.

Voltage monitoring for:
Overvoltage • Undervoltage • Lost Neutral or Ground



www.lbk10.com

TPMP U

UNIVERSAL THREE PHASE MOTOR PROTECTOR

► Phase Loss ► Phase Reversal ► Phase Imbalance

Specifications

- Line Voltage: 180 - 600 VAC. 3-phase.
- Frequency: 50/60 Hz., Cut Wire for: 50 Hz.
- Imbalance: Adjustable +/- 4 to 20%.
- Power consumption: 3VA Max.
- Contact Rating: SPDT
Resistive: 10A-240Vac, 12A-120Vac\24Vdc
Inductive: 4.5Amp. 230V~ Cos. Ø 0.6
- Installation: Din Rail, Screws.
- LED's indicates: Operation and Fault
- Response Time: 80 ms Max.
- Operating Temp.: -40°C to +75°C
- Short cycle Delay: 10 Sec. to 5 minutes.
- Enclosure: PC UL-94 V0 Flame retardant.
- Dimension: 75 x 90 x 40mm
- Weight: 108 gr. (3.8 oz)

Mode of Operation

- Connect 3 Phases to the TPMPU
- Connect N.O. contact in series to the pilot Circuit. (See diagram)
- Set delay time 10Sec. to 5 Min.
- Set Phase Imbalance %

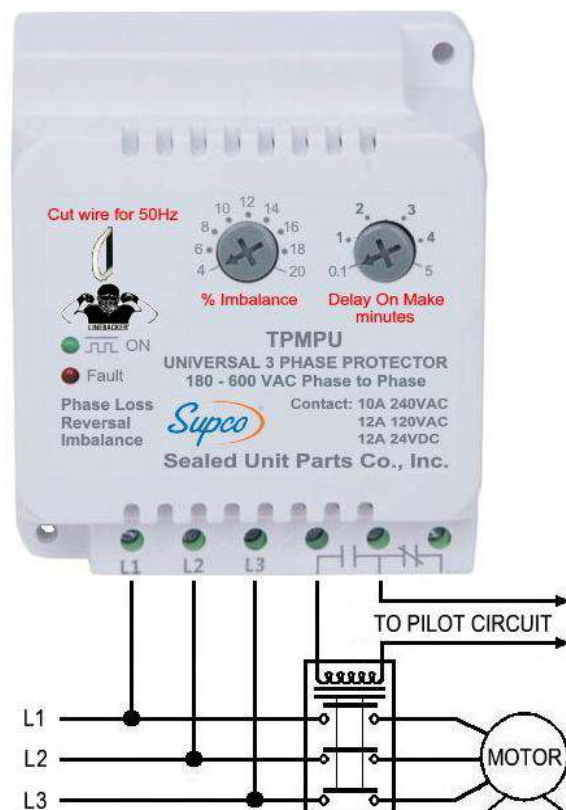
- Phase Loss
- Phase Reverse
- Phase Voltage Imbalance

The TPMPU will disconnect the motor when one of the above occurs.

And protect the motor from:

- Motor overheats
- Motor burnout
- Change Rotation Direction
- Damaging Scroll Compressors

- Protect all Electric 3 Phase Motors
- Protect Air condition Compressors
- Fits all 3 phase motors up to 600V
- Installs on DIN Rail
- Simple wiring



Enregistreurs	Recorders	Grabadoras	
CR87B220C <i>Enregistreur Circulaire de température De -40°C à +50°C</i>	Circular Temperature Chart Recorder -40°C to +50°C <i>6, 24 hours, 7, 31 days Single turn, Continius</i>	Registrador circular de temperatura de -40°C a +50°C	
CR87HT220C <i>Enregistreur Circulaire de température De -0°C à +500°C</i>	Circular Temperature Chart Recorder From 0°to +500°C	Registrador circular de temperatura de 0°C a +500°C	
CR87P220 <i>Enregistreur Circulaire de Tension, Capteur externe 0/+500 PSI, 1/4"NPT</i>	Circular Voltage Chart Recorder, External Sensor 0/+500 PSI, 1/4"NPT	Registrador circular de voltaje con sensor externo 0/+500 PSI, 1/4"NPT	
CR87PB220 <i>Enregistreur Circulaire de Tension, Capteur externe 0/+35 BAR, 1/4"NPT</i>	Circular Voltage Chart Recorder, External Sensor 0/+35 BAR, 1/4"NPT	Registrador circular de voltaje con sensor externo 0/+35 BAR, 1/4"NPT	
CR4 220 <i>Enregistreur Universel – utilisable avec 5 types de sondes différentes, Ecran LCD avec affichage des données.</i>	2 channel universal circular recorder – 5 different probes, real time, LCD display and Alarm	Registrador circular universal de dos canales, con cinco tipos de sonda, pantalla LCD en tiempo real y alarma	
CRTH2 220 <i>Enregistreur circulaire de température et d'humidité avec sonde de 1,8 m, temps réel, écran LCD et alarme</i>	Temperature & Humidity circular recorder with 1.8m probe, real time, LCD display and Alarm	Registrador circular de temperatura y humedad con sonda de 1,8 m, tiempo real, pantalla LCD y alarma	
KTT <i>Bi-sonde temperature Pour CR4</i>	Dual Temperature Probes for CR4	Sondas doubles de temperatura para CR4	
KTH <i>Bi-sonde Température & Humidité, Pour CR4</i>	Temperature & Humidity Probe for CR4	Sonda de temperatura y humedad para CR4	
Disques pour Enregistreurs <i>Pour CR87 & CR4 – Pour les références exactes – consulter www.supco.com</i>	Circular Chart Paper <i>For CR87 and CR4 For the exact part # log onto www.supco.com</i>	Papel para Gráficos en Rollos <i>Para CR87 y CR4. información exacta sobre números de piezas, consultar www.supco.com</i>	
CRPEN <i>Replacement BLACK pen for CR Series chart recorders. with non-freezing ink</i>			
CRPENR <i>Replacement RED pen for CR Series chart recorders. with non-freezing ink</i>			
CRPENB <i>Replacement BLUE pen (High pen) for CR4 & CRTH2 chart recorders. with non-freezing ink</i>			
DR10 <i>10 Days disposable temperature Chart Recorder -28°C to +38°C ±1°C, Pull TAB to start</i>			

Loggers, SL Séries	Loggers, SL Series	Registadores, Serie SL	
SL300T Mini Enregistreur de température -40°/+85°C Mémoire de 44.000 points, Alarme visuelle et logiciel	Temperature Mini Logger -40°/+85°C 44,000 memory points + alarm + software	Miniregistrador de temperatura: -40°C a +85°C, 44.000 puntos de memoria + alarma + software	
SL300TH Mini Enregistreur de température et Humidité de -40° à 85°C. Mémoire de 44.000 +Alarme visuelle et logiciel	Temperature and Humidity Mini Logger -40° to +70°C 44,000 memory points + alarm + software	Miniregistrador de temperatura y humedad: -40°C a +70°C, 44.000 puntos de memoria + alarma + software	
SL500T Mini Enregistreur température avec Ecran de -20° à +70°C. Mémoire de 43.344 points + Alarme visuelle et logiciel	Temperature Mini Logger with Display -20°C to +70°C 43,344 memory points + alarm + software	Miniregistrador de temperatura con pantalla -20°C a +70°C, 43.344 puntos de memoria + alarma + software	
SL500TH Mini Enregistreur de température et Humidité avec Ecran De -20° à +70°C. 0 à 99%. Mémoire de 21.672 points + Alarme visuelle et logiciel	Temperature and Humidity Mini Logger with Display -20° to +70°C, 0 to 99%RH 21,672 memory points + alarm + software	Miniregistrador de temperatura y humedad con pantalla -20°C a +70°C, 0 a 99% 21.672 puntos de memoria + alarma + software	
SL500XT Mini Enregistreur de température (sonde Ext.) De -40° à 80°C. Mémoire de 21.672 données enregistrables, + Alarme visuelle et logiciel	Temperature Mini Logger (External probe) with Display, -40°C to +80°C 21,672 memory points + alarm + software	Miniregistrador de temperatura (Sonda externa), con pantalla -40°C a +80°C, 21.672 puntos de memoria + alarma + software	
SL500TC Enregistreur Température (pour type J, K, T, R, S thermocouples) avec Ecran, 32.638 données enregistrables de -250° à +1300°C. + Sonde de contact type K -20° à +200°C	Temperature Logger (for J, K, T, R, S Thermocouples) with Display, 32,638 data stored, -250°C to +1300°C. Thermocouple Type K incl. -20° to +200°C	Registrador de temperatura (para termopares J, K, T, R, S) con pantalla 32.638 datos almacenados, -250°C a +1300°C. Termopar tipo K (incl.) -20°C a +200°C	
DVCV Enregistreur Courant et Tension avec Ecran Connexion USB. 10.750 données enregistrables Logiciel Multi- langues incluses. 600Vac, 300Aac, Etalonnage et alarme disponibles	Current and Voltage Logger with Display for text or graph USB port. 10,750 Data Memory Points, Multi Language software included 600Vac, 300A, Calibration and alarm	Registrador de corriente y voltaje, con pantalla para texto o gráficos, puerto USB port. 10.750 puntos de memoria de datos, software multilingüe incluido. 600Vac, 300Aac. Calibración y alarma a petición	
DVTH Enregistreur Temp. / Humidité avec Ecran Connexion USB. 43.344 données enregistrables Logiciel Multi-langues incluses. de -40°C à +85°C. Etalonnage et alarme disponibles	Temp. & Humidity logger with Display for text or graph USB port. 43,344 Data Memory Points, Multi Language software included -40° to +85°C. Calibration & alarm	Registrador de temperatura y humedad con pantalla para texto o gráficos, puerto USB port. 43.344 puntos de memoria de datos, software multilingüe incluido, -40° a +85°C. Calibración y alarma a petición	
DVT4 Enregistreur Temp. avec Ecran Connexion USB, 4 capteurs: 1 interne -10°/+65°C, 3 externe -40°/+70°C, Logiciel Multi-langues incluses, 21.760 données enregistrables chaque capteur	Temp. logger with Display for text or graph, USB port, 4 Sensors: 1 Internal -10°/+65°C, 3 External -40°/+70°C, Multi language software included 21,760 Data Memory Points each Sensor	Registrador de temperatura con pantalla para texto o gráficos, puerto USB port, 4 sensores: 1 interno -10°/+65°C, 3 externo -40°/+70°C, software multilingüe incluido, 21.760 puntos de memoria de datos cada sensor	

DataView Data Logger Series

INSTANTLY record and view critical performance parameters with the DataView data logger series.

Three models to choose from:

- DVTH for Temperature, Humidity and Dew Point,
- DVT4 for one internal and three external Temperatures
- DVCV for Current, Voltage and Watts.

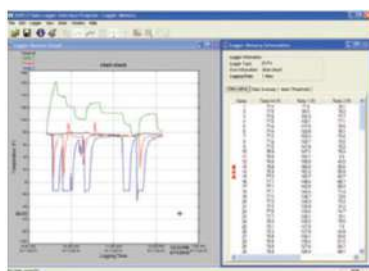
Monitor real time measurements for instant environment or electrical conditions; when you're ready, download to your PC for further analysis.



DVTH
Temperatures, Humidity
And Dew Point



DVT4
One Internal and
3 External Temperatures



PC Software & USB cable
Included with each Data Logger



DVCV
True rms Current, Voltage and Watts

Features/Benefits

- Text display: Real time measurements, logging summary, sample rate, memory used and memory left.
- Graph Display: Shows measurement trends with scrolling feature
- Visual over and under alarm indicators
- USB connection (cable included)
- Compatible with Windows™, 32 and 64 bit systems. (Software included)

Applications for DVTH & DVT4

- Refrigerators/ Freezers
- Commercial refrigeration systems
- Wine storage
- Greenhouses
- Florists
- Museums
- Laboratories

Applications for DVCV

- MRO
- Industrial processes
- Variable speed drives
- Intermittent electrical problems

Loggers Logit Séries	Loggers Logit Series	Registadores Serie Logit	
SL100 Enregistreur Température 8.192 données enregistrables, de -30° à +70°C. USB, jetable. alarme a conduit. rapports PDF	Disposable Temperature Logger, 8,192 data stored. from -30° to +70°C, USB, Alarm led, PDF reports	USB Registrador de temperatura 8.192 datos almacenados, de -30/+70°C. desechable. led de alarma. informes en formato PDF	
LT2 Enregistreur Température Bi sondes (sonde int. & Ext.) 21.500 données enregistrables de -40° à +65°C	Dual Temperature Logger (Internal & External probe) 21,500 data stored, from -40°C to +65°C	Registrador doble de temperatura (Sonda interna y externa), 21.500 datos almacenados, de -40° a +65°C	
LTT Enregistreur Températures double sondes externes 21.500 données enregistrables	Dual Temperature Logger 21,500 data stored, from -40°C to +65°C	Registrador doble de temperatura, 21.500 datos almacenados, de -40° a +65°C	
LPT Enregistreur Température & Pression 21.500 données enregistrables de -40° à +65° et de 0 à 500 PSI (0 à 34 Bar)	Pressure & Temperature Logger 21,500 data stored, from -40°C to +65°C, 0 to 500 PSI (0 to 34 Bar)	Registrador presión y temperatura, 21.500 datos almacenados, de -40° a +65°C de 0 a 500 PSI (0 a 34 Bar)	
LCV Enregistreur Courant et Tension. 10.750 données enregistrables. 500Vac 300Aac	Current and Voltage Logger 10,750 Data Memory Points 500Vac, 300Aac.	Registrador de corriente y voltaje. 10.750 puntos de memoria de datos. 500Vac, 300Aac.	
LLSU Interface USB et Logiciel de transfert de données pour la gamme Logit Series	USB Interface and Software for data transfer for Logit Series	Interfaz USB y software de transferencia de datos para la serie Logit	

*** Note:** LOGIT data Logger needs the **LLSU** Software package to program data logger and download data for analysis. It is not included with any LOGIT data logger.

LOGEt8

Temperature Data Logger for freeze down to -196°C
Designed to monitor temperature in storing and shipping sensitive products. IP65, 16,000 Memory samples. Special for deep freeze refrigeration. Used in hospitals, pharmacies, laboratories. Built-in USB port for settings and data export to reports. Extremely wide temperature Temp. Range: -196C upto +150°C
Lithium battery 3.6V.
Battery life 2 years.



RC51

USB temperature Logger Stick, IP67
Range: -30°/+70°C ±0.5°C
32,000 Memory samples.
Indicates Min., Max., average, high & low Alarm and Battery status.
Circular recording.
Build-in playback and viewing software.
2-years replaceable battery
Automatically prepares PDF reports.
Standards: EN12830, FDA approved, COC approval for 5 calibration points.



VLTS – Multi Function Data Logger Series

Temperature, Humidity, Power, Switch & 4-20mA

1. Data Logging: 1 year @15Min., 35,040 data points for each channel
2. Multi Channel: up to 4 Inputs
3. Printing: 2" Thermal Printer
4. Monitoring: 4 Channels LCD Display
5. Data Transfer: USB stick, micro-SD & Web portal*
6. Alarm: Buzzer, External Contact & SMS*
7. Communication*: Web portal interface & backup*
8. Location*: Real time GPS



Temp.



Humid.



Power



Pressure



Switch



4-20mA



*Available on VLTSC model only

Features/Benefits

- 4 probe input ports, sensors up to 100m (300')
- Printed Reports: Text, Graphic, Summary, Daily min\max and Delivery Ticket
- Auto Printing or Printing on demand
- Alarms: High, Low, No Paper, Low Power, Low Bat., Error Sensor & External Memory Full
- Alarm outputs: Internal Buzzer, dry Contacts 0.5A, SMS* & E-mail messages*
- Alarm delay: up to 9,999 Min.
- Sampling intervals: 30 sec. up to 120 min.
- Menu setting: Password protected
- Export reports to PDF* and to EXCEL* at the Web portal
- Temperature range: -40° to +130°C ±0.5°C (-40° to +266°F ±1.0°F)
- Humidity range: 10 to 90% ±2%RH, Other (0.1-9.9% and 90-100%) ±4%RH
- Operating voltage: 230V power adaptor\ 10-30Vdc and 9V backup battery
- Size: W232 x D168 x H65mm
- EN12830



Séries VLT	VLT Series	Serie VLT	
VLTS Enregistreur de température avec Ecran et impression des données. Jusqu'à quatre sondes. de -40° à +130°C. 35,040 enregistrements, Alarme avec déports et temporisations possibles, Batterie de sauvegarde, Transfert de données via clé USB	Temperature Recorder with display and printer. for up to Four Probes, 35,040 data stored, alarm with delay and remote options, Back-up Battery. Data transferred via USB stick, -40°C to +130°C	Registrador de temperatura con pantalla e impresora. Hasta para cuatro sondas, 35,040 datos almacenados, alarma con retardo y opciones remotas, batería de reserva, transferencia de datos a través de USB. -40°C a +130°C	
VLTS Enregistreur de température avec écran et imprimante. Jusqu'à 4 sondes, 35 040 enregistrements, Alarme avec retard et options à distance, batterie de secours. Données transférées via clé USB. Modem GSM pour : interface portail Web & sauvegarde, alarme par SMS, GPS en temps réel. Avec une sonde -40°C à +130°C.	Temperature Recorder with display and printer. for up to 4 Probes, 35,040 data stored, alarm with delay and remote options, Back-up Battery. Data transferred via USB stick. GSM modem for: Web portal interface & backup, Alarm via SMS, Real time GPS, with one probe -40°C to +130°C.	Registrador de temperatura con pantalla e impresora. para hasta 4 Sondas, 35,040 datos almacenados, alarma con retardo y opciones remotas, Batería de Respaldo. Transferencia de datos a través de una memoria USB. Módem GSM para: interfaz de portal web y copia de seguridad, alarma por SMS, GPS en tiempo real, con una sonda -40C a +130°C	
VLT PROBE Sonde Température pour VLTS. longueur 10 mètres	Additional Temperature Probe for VLTS, 10 M' long	Sonda de temperatura para VLTS, 10 metros de longitud	
VLT PROBE 20 Sonde Température pour VLTS. longueur 20 mètres	Temperature Probe for VLTS, 20 Meters	Sonda de temperatura para VLTS, 20 metros de longitud	
VLT PROBES Sonde Température pour VLTS 6x95mm, longueur 10 mètres	Additional Temp. Probe for VLTS, 6x95mm, 10 M' long	Sonda de temperatura para VLTS 6x95mm, 10 metros de longitud	
VLTSH PROBE Sonde Température & Humidité pour VLTS, longueur 10 mètres	Additional Humidity & Temperature Probe for VLTS, 10 Meters long	Sonda de humedad y temperatura para VLTS, 10 metros de longitud	
VLTSH PROBE 25 Sonde Temp & Humidité pour VLTS, longueur 25 mètres	Temperature & Humidity Probe for VLTS, 25 Meters	Sonda de humedad y temperatura para VLTS, 25 metros de longitud	
VLS CABLE Câble événement (on/off) / 4-20mA longueur 10 mètres.	Additional Switch indication/ 4-20mA cable, 10 Meters	Cable indicador de interruptor/ 4-20mA de 10 metros de longitud	
VLTMCASE Boîtier de protection IP65 Boîte en métal 30x30x12 cm avec serrure	Safe transparent box IP65 Metal box 30x30x12 cm with lock	Caja de seguridad transparente IP65. Caja metálica 30x30x12cm con cerradura	
CABLE 33H Extension de la sonde de 10 m	10 Meters, Probe extension	Extensión de sonda de 10 m	
CABLE 66H Extension de la sonde de 20 m	20 Meters, Probe extension	Extensión de sonda de 20 m	
VLPAPER Papier thermique VLT 2" largeur – 40 mètres	VLT Thermal Paper 2" width – 40 meters	Papel térmico VLT Ancho 2 pulg. – 40 metros	
VL220 Alimentation en VLT 230 Volts CA, 12Volts CC 2A	VLT Power Supply 230 VAC, 12VDC 2A	Fuente de alimentación VLT 230 VCA, 12 VCC 2A	
ZVLT CIYUL Certificat d'étalonnage et de paramétrage	Calibration and setting certificate	Certificado de calibración y configuración	



VT10

Digital Thermometer and alarm
 Especial for freezing medical refrigerators
 Two sensors:
 1) build-in sensor for environment Temperature
 2) 3 meters long in Liquid tube for external accurate measurement. Illuminated LCD display.
 Magnetic quick mount. Min.\Max. indication.
 Setting Upper and lower alarm boundaries
 Temp. range: $-20/+40^{\circ}\text{C} \pm 0.5$, $-50/+70^{\circ}\text{C} \pm 1^{\circ}\text{C}$



PT100C

Digital touch Thermometer
 Temperature range:
 $-40^{\circ}\text{C} / +93^{\circ}\text{C} \pm 1^{\circ}\text{C}$
 Resolution: 0.1°C
 Rapid and accurate measurement
 Hold switch



EM02

Digital Spike Thermometer
 Large Display
 Temperature range:
 range: $-50^{\circ}\text{C} / +300^{\circ}\text{C}$



LOGEt8

Temperature Data Logger
 for freeze down to -196°C
 Designed to monitor temperature in storing and shipping sensitive products
 Special for deep refrigeration. Used in hospitals, pharmacies, laboratories.
 Built-in USB port for settings and data export to reports
 Extremely wide temperature range -196°C (minus) up to $+150^{\circ}\text{C}$
 Lithium battery 3.6V. battery life.2 yea



WT1B

Digital Thermometer
 Suitable for Professional kitchen
 use for dipping spike to liquid or food to ensure proper cooking.
 Stainless steel 10.5 cm waterproof sensor
 10 minutes Automatic shutdown
 Temperature range:
 $-50^{\circ}\text{C} / +300^{\circ}\text{C} \pm 1^{\circ}\text{C}$
 Battery included LR44
 1.5DCV



RC51

USB temperature Logger Stick
 Suitable to Measure Temperature in cooling, freezing, refrigeration, storage, transportation, pharmaceutical, food, and agriculture industries.
 Digital display
 Build in USB Connection
 Temp. Range: $-30^{\circ}\text{C} / +70^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$
 32,000 Memory samples
 Indicates Min., Max., average, high & low Alarm and Battery status.
 Circular recording
 Build-in playback and viewing software
 Two-year replaceable battery
 Automatically prepares PDF reports
 IP67 water protected
 Standards: EN12830 and FDA approved
 COC approval for 5 calibration points

Thermomètres	Thermometers	Termómetros
PIT6L Mini thermomètre infra-rouge 6 :1 Rapport Optique, °F/°C Marquage au laser du point simple, Température ambiante, Fonction Data-Hold, Rétro-éclairage, Indication de batterie faible, -20°C/+270°C	Mini Infra-red Thermometer 6:1 Optical Ratio, °F/°C Single dot laser targeting Ambient measurement -20°/+270°C Data Hold, Back light Low battery indication	Minitermómetro infrarrojo Relación óptica 6:1, Indicación láser de punto único, Medición de temperatura ambiente -20°/270°C, Retención de lectura (data hold) Retroiluminación Indicación de pila baja
LIT6P Thermomètre à infrarouge avec aiguille. 2 modes: Capteur I-R & à aiguille' Marquage au laser du point simple, 6:1 Rapport optique, °F/°C, Data-Hold, Indication de batterie faible, Livré avec housse de rangement Plage de mesure: -20°C/+270°C	Infra-red with needle Thermometer. 2 modes: I- R & needle sensor. Single dot laser targeting, 6:1 Optical Ratio, °F/°C, Data Hold, Low bat. Indication, w/pouch. Range: -20°C/+270°C	Infrarrojo con termómetro de aguja, Dos modalidades: Infrarrojo y sensor de agujas Indicación láser de punto único Relación óptica 6:1, °F/°C Retención de lectura (data hold) Indicación de pila baja, con bolsa Margen: -20°C/+270°C
EM02 Thermomètre de poche Portée: -50°C à +270°C Capteur d'aiguille, Ecran LCD Arrêt automatique, Sélection C/F Indicateur de batterie faible	Pocket Thermometer Range: -50°C to +270°C Needle sensor, °C/°F Large LCD display Auto Power Off Low bat. indication	Termómetro de bolsillo Margen: -50°C a +270°C Sensor de aguja, °C/°F Pantalla LCD de gran tamaño Apagado automático Indicación de pila baja
PT100C Thermomètre digital de surface -40°C / +93°C ±0.1°C	Digital Pocket Surface Thermometer -40/+93±0.1°C	Termómetro digital de superficie de bolsillo -40/+93°C ±0.1°C
ST03 Thermomètre pour réfrigérateurs -30°C / +27°C	Appliance Thermometer -30°C to +27°C	Termómetro para electrodomésticos -30°C / +27°C
ST04 Thermomètre pour fours +38° / +315°C	Oven Thermometer +38°C to +315°C	Termómetro para hornos +38° / +315°C
ST08 Thermomètre de poche -40° / +70°C	Pocket Thermometer -40°C to +70°C	Termómetro de bolsillo -40°C/+70°C
ST09 Thermomètre Digital de poche - 50° / +70°C	Digital Pocket Thermometer -50°C to +70°C	Termómetro digital de bolsillo -50°C/+70°C
ST10 Thermomètre Digital de poche -45° / +200°C	Digital Pocket Thermometer -45°C to +200°C	Termómetro digital de bolsillo -45°C/+200°C
VT10 Thermomètre numérique et alarme pour la congélation des réfrigérateurs médicaux. Deux capteurs : Interne et externe, 3 mètres de long en tube liquide. Écran LCD éclairé, support magnétique, Min. Max. indication, Réglage Limites d'alarme supérieure et inférieure, -20/+40°C ±0.5, -50/+70°C ±1°C	Digital Thermometer and alarm for freezing medical refrigerators. Two sensors: Internal and external, 3 meters long in Liquid tube. Illuminated LCD display, Magnetic mount, Min. Max. indication, Setting Upper and lower alarm boundaries -20/+40°C ±0.5, -50/+70°C ±1°C	Termómetro digital y alarma para congelación de frigoríficos médicos. Dos sensores: Interior y exterior, de 3 metros de largo en tubo Líquido. Pantalla LCD iluminada, Montaje magnético, Min. Max. Indicación, configuración de límites de alarma superior e inferior, -20/+40°C ±0,5, -50/+70°C ±1°C
WT1B Thermomètre Digital de poche -50° / +300°C	Digital Pocket Thermometer -50°C to +300°C	Termómetro digital de bolsillo -50°C/+300°C



Thermomètres	Thermometers	Termómetros
EM60 Thermomètre differential 2 voies Alarme de haute & Basse température, Unités: °F / °C Moy. / Min. / Max. for T1 & T2 Enregistrement de données & Stockage, Rétro-éclairage Arrêt automatique, Indication de batterie faible, Livré avec housse de rangement K-T/C -200~1300°C J- T/C -200~1200°C	Dual deferential thermometer Units: °F / °C High & low temp. alarm Avg /Min./Max. for T1 & T2 Data Storage & Hold Back light, Auto power OFF, Low batt. indication with pouch case and cover K-T/C -200~1300°C J- T/C -200~1200°C	Termómetro diferencial dual Unidades: °F / °C Alarma de alta y baja temp. Prom./ Mín. / Máx. para T1 y T2 Almacenamiento y retención de lecturas, Retroiluminación Apagado automático Indicación de pila baja con caja y tapa de bolsa Termopar tipo K -200~1300°C Termopar tipo J -200~1200°C
EM90 Temp. et T/C Infrarouge Double Temp. I/R 1:6 + T/C Marquage au laser du point simple, Moy. /Min. /Max. °F/°C, Data-Hold, Rétro-éclairage, Arrêt automatique, Indication de batterie faible, Livré avec housse de rangement Température: -50/300°C K-Thermocouple: -200/1300°C	Infrared temp. and T/C Dual Temp. I/R 1:6 + T/C Single dot laser targeting Avg. / Min. / Max. Data Hold, Back light, Auto power OFF, Low bat. Indication, °F/°C, pouch case and cover. Infrared: -50C/300°C, K- Thermocouple: -200/1300°C	Temp. y termopar infrarrojo Temp. dual infrarrojo + termopar Indicación láser de punto único Prom. / Mín. / Máx. °F / °C Retención de lectura (data hold) Retroiluminación, Apagado automático, Indicación de pila baja con caja y tapa de bolsa Infrarrojo: -50~300°C Termopar tipo K: -200~1300°C
LIT11TC Thermomètre Infrarouge – Ratio Optique 1:11 -60C/500°C Sonde de contact type K -20°C/ +250°C, Unités: °F/ °C, Marquage au laser du point simple, Moy. / Min. / Max. Data-Hold, Rétro-éclairage, Arrêt automatique, Indication de batterie faible, Livré avec housse de rangement	Infrared Thermometer – Optical Ratio 11:1 Temp. Range: -60°C to +500°C, Thermocouple Type K incl. -20° to +250°C, °F/°C Single dot laser targeting Avg./ Min./ Max. Data Hold, Back light, Auto power OFF Low bat. indication with pouch case and cover	Termómetro infrarrojo: coeficiente óptico 11:1, Amplitud térmica: de -60°C a + 500°C, termopar tipo K (incl.) -20°C a +250°C, °F / °C, Indicación láser de punto único Prom /Mín./Máx. Retención de lectura (data hold), Retroiluminación, Apagado automático, Indicación de pila baja, con caja y tapa de bolsa
VA3408 Sonde de contact type K, (-50°C / 250°C)	K-Type Thermocouple, (-50°C / 250°C)	Termopar Tipo-K, (-50°C / 250°C)
TPFDA Sonde de contact type K, FDA -40°C / 510°C	K-Type Thermocouple, FDA probe, -40°C / 510°C	Termopar Tipo-K, FDA -40°C / 510°C
VA3411 Sonde de contact type K (-50°C /250°C) Φ3 x75mm	K-Type Thermocouple tip (-50°C /250°C) Φ3 x75mm	Termopar Tipo-K (-50°C / 250°C) Φ3 x75mm
VA3421 Sonde de contact type K (-100°C /400°C) Φ3 x145mm	K-Type Thermocouple tip (-100°/400°C) Φ3 x145mm	Termopar Tipo-K (-100°C / 400°C) Φ3 x145mm
VA3423 Sonde de contact type K blindé - 100°/400°C, Φ5x200mm, Câble de 70cm avec filetés M8	K-Type Thermocouple tip (-100°/400°C) Φ5 x200mm Cable 70cm & M8 threaded	Termopar Tipo-K, con rosca M8 (-100°C / 400°C) Φ5 x200mm Cable blindado de 70 cm,
VA3431 Sonde de serrage, type K Φ6-40mm, (-30°C / 130°C)	K-Type Thermocouple, Φ6-40mm, (-30°C / 130°C)	Termopar Tipo-K, sonda de pinza Φ6-40mm, (-30°C / 130°C)



P/N	Temperature Thermometers	
DST30	Solar Thermometer 1m Sensor for Panel, 26 X 59.5mm -20° / +80°C ±1°C	
ST1	External Sensor 1m On/Off, °C/°F -50° / +70°C ±1°C	
TPM10	External Sensor 1m for Panel, 1.5V -50° / +70°C ±1°C	
ST2	Internal / External Sensor 1m & Clock -50° / 70°C ±1°C	
ST06	Thermometer -40° / +80°F -40° / +27°C	
DT1	Dual Temperature Thermometer Internal -30° / +50°C External -50° / +70°C Magnetic back	
WT2	Pocket Thermometer External -50° / 300°C Min. /Max. Alarm	

P/N		Capilar tube Thermometers
STP60	Capilar thermometer Ø 60mm, 1.5m Capilar -40° / +40°C	
STP80	Capilar thermometer Ø 80mm, 1.5m Capilar -40° / +40°C	
STP100	Capilar thermometer Ø 100mm, 1.5m Capilar -40° / +40°C	
STM80	Stainless thermometer Ø 80mm, 1.5m Capilar -40° / +40°C	
STM100	Stainless thermometer Ø100mm, 1.5m Capilar -40° / +40°C	
P/N		Temp. & Humidity Thermometers
DT2	Internal -30° / +50°C External -50° / +70°C Humidity 20/99% RH Clock, Min. / Max.	
DT3	Internal -30° / +50°C External -50° / +70°C Humidity 20/99% RH Min. / Max.	
BT3	Internal -30° / +50°C External -50° / +70°C Humidity 20/99% RH Clock, Min. / Max.	

Thermo - Hygromètres Digital	Temp. & Humidity Digital Thermometers	Termómetros Digitales para Temperatura y Humedad
DSP1000 Psychromètre Digital -30° / +100°C ±0.8°C	Digital Psychrometer -30° / +100°C ±0.8°C	Sicrómetro digital -30° / +100°C ±0.8°C
THC120 Horloge avec température et hygrométrie, Min / Max. alarme -0° / 50°C ±1°C	Thermo-Hygrometer w/clock, Min. / Max. Alarm -0° / 50°C ±1°C	Higrómetro térmico con reloj. Min. / Máx. Alarma -0° / 50°C ±1°C
THP2 Thermo-hygromètre format stylo, Min. / Max. -50° / +70°	Thermo-hygrometer Pen Min. / Max. -50° / +70°	Higrómetro térmico lápiz Min. / Máx. -50° / +70°
EM10 Thermomètre de mesure de température et d'humidité Temp, Humidité, Point de condensation. °F / °C / %RH / Δt Moy. / Min. / Max., Fonction Data-Hold, Rétro-éclairage Arrêt automatique Indication de batterie faible, Livré avec housse de rangement et coffre Plage de mesure: -10/+50°C	Temp. & Humidity meter Temp., Humidity, Dew point Units: °F / °C / %RH / Δt Avg. / Min. / Max. Data Hold, Back light, Auto power OFF Low bat. indication with pouch case and cover Range: -10 to +50°C ±1°C	Medidor de temperatura y humedad, Temp., Humedad, Punto de condensación Unidades: °F/°C/% de HR/Δt Prom./Min./Máx. Retención de lectura (data hold), Retroiluminación Apagado automático, Indicación de pila baja con caja y tapa de bolsa Margen: -10/+50°C ±1°C



<i>Instruments de Mesure</i>	<i>Electrical measuring instruments</i>	<i>Instrumental Eléctrico de Medida</i>	
DM10T <i>Multimètre Digital avec Température</i> 750V~, 1000Vdc, 10Adc 2MΩ, -20/+1370°C	Economy Digital Multimeter with Temperature 750V~, 1000Vdc, 10Adc 2MΩ, -20/+1370°C	Multímetro digital con temperatura 750V~, 1000Vdc, 10Adc 2MΩ, -20/+1370°C	
MFD10 <i>Testeur d'Impédance Digital – de 0.01 à 10,000 mfd.</i> <i>Vérifie condensateurs ouverts et court-circuit</i>	Digital Capacitor Tester from 0.01 to 10,000 mfd. Checks for open and shorted capacitors	Tester de condensador digital de 0,01 a 10.000 mfd. <i>Comprueba si hay condensadores abiertos y cortocircuitados</i>	
M500 <i>Mégohmmètre LED Mesure de la resistance de l'isolement</i> De 20 à 100 MΩ	LED Megohmmeter Measure insulation resistance From 20 to 100 MΩ	Megaohmímetro LED Medida de resistencia de aislación, de 20 a 100 MΩ	
EM266 <i>Les pinces de courant 750Vac, 1000Aac, 1000Vdc, 2000Ω, CAT II 500V</i>	Clamp Meter, 750Vac, 1000Aac, 1000Vdc, 2000Ω CAT II 500V	Pinza amperimétrica 750Vac, 1000Aac, 1000Vdc, 2000Ω CAT II 500V	
EM310 <i>Les pinces de courant 750Vac, 1000Aac, 1000Vdc, 2000Ω CAT II 1000V, CAT III 600V</i>	Clamp Meter, 750Vac, 1000Aac, 1000Vdc, 2000Ω CAT II 1000V, CAT III 600V	Pinza amperimétrica 750Vac, 1000Aac, 1000Vdc, 2000Ω CAT II 1000V, CAT III 600V	
VA311 <i>Les pinces de courant 700Vac, 1000Aac, Résistance 40MΩ, Capacitance 40Mfd, température, Fréquence... CAT II 1000V, CAT III 600V</i>	Clamp Meter, 700Vac, 1000Aac, Resistance 40MΩ, Capacitance 40Mfd, Temperature, Frequency... CAT II 1000V, CAT III 600V	Pinza amperimétrica 700Vac, 1000Aac, resistencia 40MΩ, capacitancia 40Mfd, temperatura, frecuencia... CAT II 1000V, CAT III 600V	
CPH100 <i>Multi mètre digital à pince – AC/DC – Tension - Ampérage – Fréquence – Résistance... 400Aac, 600Vac</i>	HVAC Current Probe, AC/DC, Resistance, Capacitance, Temperature, Frequency... 400Aac, 600Vac	Sonda de corriente para unidades: HVAC, CA/CC, resistencia, capacitancia, temperatura, frecuencia... 400Aac, 600Vac	

IDVM510

Wireless Digital Multimeter AC

Has all the essential modules for convenient and safe troubleshooting and data logging. It provides manual & auto-ranging, measures AC/DC voltages up to 1000V, AC/DC 10A~, 10Adc, 1000V~, 6mVdc to 1000Vdc, 60MΩ, 600mfd, 60Hz.

- True RMS
- Bluetooth via BTLE(v4.0)
- Auto/manual ranging
- Hold function
- Relative (Zero) function
- Type K thermocouple



IDVM550

Wireless Digital Clamp Meter

Professional grade Clamp Meter by measuring AC Volts, AC Amps, system kW and the power factor. Use App-captured data on the free Supco® TechLink™ App to discuss system operating costs on jobs.

- True RMS
- Bluetooth via BTLE(v4.0)
- Hold function
- Relative (Zero) function
- Min / Max Function
- CE® & ETL® certified



TECHICIAN-FOCUSED. SUPCO® ORIGINAL INNOVATIONS.



M500

LED MEGOHMMETER

The M500 provides fast and accurate measurements to verify the condition of the insulation.

- Zone scale to indicate insulation condition
- Measure insulation values up to 1000 megohms @ 500VAC
- Hand held
- Test leads store in case
- Operates on 2 C batteries (not included)
- Impact resistant
- Soft carrying case included



MFD10

CAPACITOR TESTER

- Rubber grips & 12" magnetic leads
- Range: 0.001 μ F to 9999 μ F
- Auto-ranging
- Includes rugged carrying case and alligator clips

PATENTED VALVE GASKET APPLICATION PROVIDES 50 TIMES MORE SEALING AREA THAN COMPETITIVE "O" RING.

**BPV
SERIES
BULLET
PIERCING
VALVES**



Part No.	O.D. Tubing Size	Packaging
BPV31*	1/4", 5/16", 3/8"	12/Box
BPV31D*	1/4", 5/16", 3/8"	48/Box
BPV21*	1/2", 5/8"	8/Box
BPV14	1/4"	12/Box
BPV56	5/16"	12/Box
BPV38	3/8"	12/Box
BPV34	3/4"	1/Box
BPV78	7/8"	1/Box

*BPV21, BPV31 and BPV31D are furnished with adapters for indicated multiple applications

Anémomètres & Niveau Sonore

Anemometers & Sound Level

Anemómetros y Nivel de Sonido

EM20

Thermomètre & Anémomètre
With Volume
m/s, km/h, fpm, kts, Beaufort
Echelle, °F/°C, Min, Max
Fonction Data-Hold, Arrêt
automatique Indication de
batterie faible Livré avec housse
de rangement
Vitesse: 0.4/+20m/s, 80/4Kfpm.
Température: -10~+50°C

Thermometer &
Anemometer with Volume
m/s, km/h, fpm, kts,
Beaufort scale, °F/°C Min.,
Max., Data Hold, Back light,
Auto power OFF, Low bat.
Indication with pouch case
and cover. Velocity: 0.4/+20
m/s, 80/4K fpm.
Temperature: -10 to +50°C

Termómetro y anemómetro con
volumen
m/s, km/h, fpm, kts, escala y
unidades Beaufort, °C/°F, Mín.,
Máx., Retención de lectura (data
hold), Retroiluminación
Apagado automático Indicación de
pila baja con caja y tapa de bolsa.
Velocidad: 0.4~20m/s, 80/4K fpm.
Temperatura: -10~+50°C



EM22

Anémomètre EM20
With CFM, FPM

Anemometer EM20 as
above plus CFM & FPM

EM20 Anemómetro con
Pies cúbicos p/minuto (PCM),
pies p/minuto

EM30

Tachomymètre
Gamme de mesures: 100~30K
R.P.M., 1.7~500 R.P.S.
Min / Max., No. de paramètres
de l'agitateur, 7Fonction Data-
Hold, Rétro-éclairage. Arrêt
automatique Indicateur de
batterie faible Livré.
Avec housse de rangement

Tachometer
Measure: R.P.S. 1.7~500
R.P.M. 100~30,000
Min. / Max.
No. of impeller setting
Data Hold, Back light, Auto
power OFF, Low bat.
indicator
With pouch case and cover

Tacómetro, Medida: Revoluciones
por segundo 1,7~500 RPS.
Revoluciones por minuto
100~30,000 R.P.M., Mín./ Máx., Nº.
de parámetro de impulsor,
Retención de lectura (data hold),
Retroiluminación, Apagado
automático, Indicador de pila baja.
Con caja y tapa de bolsa,



EM80

Sonomètre, Gamme de
mesurage manuelle &
automatique sélectable
Barre d'indication analogique
Calibrage du logiciel Indication
de batterie faible Affichage
SUPERIEUR & INFERIEUR,
Arrêt automatique Livré avec
housse de rangement. Gamme
de mesure HZ:31.5Hz~8KHz
Gamme de mesure dB:
30dB~120 dB

Sound Level Meter
Auto & Manual range
selectable
Analog bar indicator
Software calibration
Low bat. indication
OVER or UNDER display
Auto power OFF
with pouch case and cover
HZ Range: 31.5Hz~8KHz
dB range: 30dB~120 dB

Sonómetro
Selección de margen automática y
manual
Indicador de barras analógico
Calibración de software
Indicación de pila baja
Pantalla SUPERIOR o INFERIOR,
Apagado automático
con caja y tapa de bolsa
Rango de HZ: 31,5 Hz~8 KHz
Rango de dB: 30~120 dB



KYP120

Wall Electrical detector: wire, metal, wood

Maximum scanning depth:

Ferrous metals	120mm ±10mm
Non-ferrous metals(Copper)	80mm ±10mm
"Live" Wire**	50mm ±10mm
Wood	20mm ±10mm

Automatic switch off after approx. 5min.

Protection Rate: IP 54

Display: 2.4 inch

Operating temperature -10°C+50°C

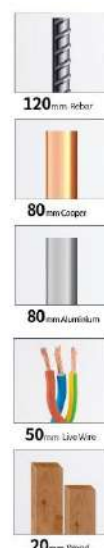
Storage temperature -20°C+70°C

Battery 1x9V

Size: 200*83*28mm

*Depends on operating mode, material and size of the objects, as well as material and condition of the base material

**Less scanning depth for wires/conductors that are not "live".



CO ₂ , Temp et l'Humidité	CO ₂ , Temp & Humidity	CO ₂ , Temp y Humedad
IAQ50 Alarme & Thermomètre de mesure de qualité de l'air Montage Mural, CO ₂ – Temp & Humidité, Point de condensation – Réservoir humide -10 à 60°C, 10 à 90% RH, 0 pour 10K PPM	Wall mount Air Quality Meter & Alarm CO ₂ – Temp & Humidity – Dew point – Wet Bulb -10 to 60°C, 10 to 90% RH 0 thru 10K PPM	Medidor y alarma de calidad de aire. Montaje en la pared, CO₂ – Temp. y humedad – Punto de condensación – Bulbo húmedo -10 a 60°C, 10 a 90% HR 0 a 10 K PPM
IAQ55 Alarme & Thermomètre de mesure de qualité de l'air Manuel, CO ₂ , Temp & Humidité - Point de condensation - Réservoir humide. -10 à 60°C, 10 à 90% RH, 0 pour 10K PPM	Portable Air Quality Meter & Alarm CO ₂ – Temp & Humidity – Dew point – Wet Bulb -10 to 60°C, 10 to 90% RH 0 thru 10K PPM	Medidor y alarma de calidad de aire - Portátil CO ₂ – Temp. y humedad – Punto de condensación – Bulbo húmedo -10 a 60°C, 10 a 90% HR 0 a 10 K PPM



Manomètres	Pressure Gauges	Manómetros
DPG25V Manomètre Digital de -14 à +25 PSI, 1/8NPT PSI, InHg, Kg/cm, Atm	Digital Pressure Gauge from -14 to +25 PSI, 1/8NPT PSI, InHg, Kg/cm, Atm	Manómetro digital (de -14 a +25 PSI, 1/8NPT PSI, InHg, Kg/cm, Atm)
DPG100 Manomètre Digital (de 0 à 100 PSI)	Digital Pressure Gauge (from 0 to 100 PSI)	Manómetro digital (de 0 a 100 PSI)
DPG1000 Manomètre Digital (de 0 à 1000 PSI)	Digital Pressure Gauge (from 0 to 1000 PSI)	Manómetro digital (de 0 a 1.000 PSI)
DDM55 Manomètre Différentiel Digital Analyse différentielle pour installations Gaz / propane (de -2 à 10 PSI)	Dual Digital Manometer (from -2 to 10 PSI) Differential measurement for natural and propane systems	Manómetro digital dual (de -2 a 10 PSI) Medición diferencial para sistemas naturales y de propano



Bourdon Type Gauges, Diameter 63mm, Class 1.6, Oil filled		
	For R134a, R22, R410A, R507C	
	P/N	Connection
• Backside Connection	XD60ZT200G Low	1/4" SAE
• Stainless housing	XD60ZT500G High	1/4" SAE
• Front Mounting ring	XD60ZT200T Low	1/8" NPT
• Scale: PSI, °C	XD60ZT500T High	1/8" NPT
• Oil filled, Class 1.6		



LX2674 1/4" F x 1/4" M, LX2675 1/4" F x 5/16" M
 Charging Kit For HFC, HCFC and CFC Systems.
 High/ Medium/ Low Pressure. Gauge with calibration.

LX1385
 Multi purpose charging kit, Sutibale for all refrigerants R134a, R502, R404a, R407c, R507, R410A ETC. with ball valve. Conexions 1/4"

AFFORDABLE ELECTRONIC VACUUM GAUGES

VG64 DIGITAL VACUUM GAUGE

- Ultra Fine Resolution
- Easy-to-Clean LIFETIME Sensor Never Needs Replacing
- Reads Vacuum in 7 International Units
- Display Updates Every 1/2 Second
- Convenient Built in Hanger
- Low Battery Indicator
- Power Source: 3 AA Batteries (not included)
- Auto Shutoff



VG60 ELECTRONIC VACUUM GAUGE

10 Segment Color Coded LED Readout Provides Fast Response of Vacuum Measurements

- Pocket Size - Only 5 1/2" x 1 3/4" x 1 1/2"
- Cleanable Sensor
- Single Switch Operation
- Built-in Hanger
- Soft Case Included



VG640TL SUPCO® WIRELESS VACUUM GAUGE

- Remote Bluetooth® monitoring from up to 200 ft. away
- Revolutionary contaminant and oil resistant Lifetime Sensor
- Record and export the evacuation process to PDF/Excel/CSV
- Includes vacuum coupler and convenient magnetic holding strap



VGC VACUUM GAUGE COUPLER FOR ALL VACUUM GAUGES

- 1/4" Female flare connections
- Brass construction



DO MORE

USE THE POWER OF YOUR MOBILE DEVICE AND THE FREE **SUPCO® TECHLINK™ APP** TO EASILY DOCUMENT SYSTEM EVACUATIONS.

 **SUPCO®
TECHLINK™**
POWERED BY MEASUREQUICK™

BLUETOOTH® AND APP-CONNECTED METERS

iDVM550 SUPCO®-REDFISH WIRELESS CLAMP METER

Measure AC Volts, AC Amps, system kW and the power factor. Use App-captured data to discuss system operating costs on jobs.



- Bluetooth® connectivity via BTLE (v4.0)
- Tested to IEC/EN61010 safety standards 600V CATIV and 1000V CATIII
- Advanced application diagnostics and guided tests
- Includes line splitter, test leads, carry bag, alligator clip and 9V battery

WORKS WITH
measureQuick



iDVM510 SUPCO®-REDFISH WIRELESS MULTIMETER

Use the Supco® TechLink™ App for guided tests for capacitors, flame sensors, electrical circuits and systems.



- Bluetooth® connectivity via BTLE (v4.0)
- Data logging
- True RMS
- Ingress Protection – IP54 protects from dirt and splashed water
- 6,000 count (3-3/4 digit) resolution
- Advanced application diagnostics and guided tests
- Includes, test leads and 9V battery

WORKS WITH
measureQuick

METER ACCESSORIES



iDVM510
AC line splitter & voltage check

CASE510

Soft-sided neoprene case for iDVM510 and accessories



iDVM333
AC Current Transducer

Bacs de condensas		Condensate Drains	Drenajes de condensación
D30220 OS Bac de ré évaporation des condensas 236 ml/h		Condensate Drain Pan 1L, 236 ml/h, 5.28L per day, 254x102x73mm	Bandejas de drenaje de condensación 236 ml/h
			
D31220 Bac de ré évaporation des condensas 171 ml/h		Condensate Drain Pan 1.4L 171ml/h, 4.1L per day 254x114x86mm	Bandejas de drenaje de condensación 171 ml/h
			
D70220 Bac de ré évaporation des condensas 177 ml/h		Condensate Drain Pan 1.4L 177ml/h, 4.1L per day No Heating - Water saver 311x121x76mm	Bandejas de drenaje de condensación 177 ml/h
			
D75220 Bac de ré évaporation des condensas 414 ml/h		Condensate Drain Pan 2.1L 414ml/h, 9.6L per day 254x229x70mm	Bandejas de drenaje de condensación 414 ml/h
			
Bacs de condensas		Condensate Drains	Drenajes de condensación
CP800 – Commercial Bac de ré-évaporation pour la réfrigération commerciale		Series Commercial Refrigeration Condensate Pan	Bandejas de drenaje de condensación para refrigeración comercial
Code Part Number Número de pieza	Voltage Volts Voltaje	Volume/ Capacity (liters) Capacidad (litros)	Rate Per Day (liters)
CP 802-240	240V-800W	2,36	22.7
CP 804-240	240V-1000W	4,26	37.85
CP 807-240	240V-1000W	7,10	37.85
CP 815-240	240V-1500W	14,20	45.42
Code Part Number Número de pieza	Voltage Volts Voltaje		
CP 802	120V-800W		
CP 804	120V-1000W		
CP 807	120V-1000W		
CP 815	120V-1440W		
Pompe à condensats		Condensate Pump	Bomba de condensado
CP1B230 Climatiseur Pompe à condensats 246 Litres / heure max. jusqu'à 3.5 mètres, 45 db Contact d'alarme et le buzzer 80 db, 2 Litres, 287x184x123mm, 230V		A/C Condensate Pump 246 Liters / hours max. up to 3.5 meters, 45db Alarm contact and buzzer 80 db, 2 Liters, 287x184x123 mm, 230V	Acondicionador de aire Bomba de condensado 246 Litros / hora max. de hasta 3.5 metros, 45 db Contacto de alarma y el zumbador 80 db, 2 Litros, 287x184x123 mm, 230V
			
CPL230 Climatiseur Pompe à condensats 260 Litres / heure max. jusqu'à 4.5 mètres, 45 db Contact d'alarme et le buzzer 80 db, 1 Litres, 280x135x125mm, 230V		A/C Condensate Pump 260 Liters / hours max. up to 4.5 meters, 45db Alarm contact and buzzer 80 db, 1 Liters, 280x135x125 mm, 230V	Acondicionador de aire Bomba de condensado 260 Litros / hora max. de hasta 4.5 metros, 45 db Contacto de alarma y el zumbador 80 db, 1 Litros, 280x135x125 mm, 230V
			
CFHEART Pompe à condensats en forme de cœur pour unités split jusqu'à 96 000 BTU 40 Litres / heures max. jusqu'à 20 mètres, 19db Contact d'alarme et buzzer, 0,3 Litres, 160x160x85 mm, 230V		Heart shape Condensate Pump for split units up to 96000 BTU 40 Liters / hours max. up to 20meters, 19db Alarm contact and buzzer, 0.3 Liters, 160x160x85 mm, 230V	Bomba de condensado en forma de corazón para unidades divididas hasta 96000 BTU 40 litros / hora máx. hasta 20 metros, 19db Contacto de alarma y zumbador, 0,3 Litros, 160x160x85 mm, 230V
			

Commercial Refrigeration Condensate Evaporator Pans

For condensate applications where no drain is available, choose from eight popular, large capacity sized pans. SUPCO commercial refrigeration condensate evaporator pans are made from top quality materials for durable, long life.

FEATURES/ BENEFITS

- Corrosion resistant stainless-steel construction.
- Made from top quality materials and components for longer and more durable use.
- Positive evaporation
- Space saving
- High limit safety and float switch operation
- Available in 120 volts and 240 volts
- Warranty-One year from date of installation
- UL approved
- NSF approved



SUPCO No.	CAPACITY		Volts	Watts	Amps	DIMENSIONS Inches	L x W x H mm	DISSIPATION RATE PER DAY	
CP801	1.75 QT	1.6L	120	400	3.3	10 x 7 x 2 1/2	254 x 178 x 63	3.5Gallon	
CP802	2.5 QT	2.4L	120	800	6.6	13 x 7 x 2 1/2	330 x 178 x 63	6 Gallon	22.7L
CP802-240	2.5 QT	2.4L	240	800	3.3	13 x 7 x 2 1/2	330 x 178 x 63	6 Gallon	22.7L
CP804	4.5 QT	4.2L	120	1000	8.34	13 x 7 x 4	330 x 178 x 102	8 Gallon	37.8L
CP804-240	4.5 QT	4.2L	240	1000	4.17	13 x 7 x 4	330 x 178 x 102	8 Gallon	37.8L
CP804HD	7.5 QT	7.1L	120	1000	8.34	13 x 10 x 4	330 x 254 x 102	8 Gallon	37.8L
CP804HD-240	7.5 QT	7.1L	240	1000	4.17	13 x 10 x 4	330 x 254 x 102	8 Gallon	37.8L
CP807	7.5 QT	7.1L	120	1000	8.34	13 x 10 x 4	330 x 254 x 102	8 Gallon	37.8L
CP807-240	7.5 QT	7.1L	240	1000	4.17	13 x 10 x 4	330 x 254 x 102	8 Gallon	37.8L
CP808	15 QT	14L	120	1000	8.33	21 x 13 x 4	534 x 330 x 102	8 Gallon	37.8L
CP815	15 QT	14L	120	1440	12	21 x 13 x 4	534 x 330 x 102	12 Gallon	45.4L
CP815-240	15 QT	14L	240	1500	6.28	21 x 13 x 4	534 x 330 x 102	12 Gallon	45.4L

Alarmes	Alarms	Alarmas	
TA7C Alarme Température sur pile 9V – (-25° / +30°C)	Battery Operated temperature Alarm 9V (-25° / +30°C)	Alarma de temperatura accionada por batería 9V (-25° / +30°C)	
TA2 220C Alarme de température pour monter ou descendre. avec 1 h. commutateur de retard, sonde d'1.8 M, Alarme interne et à distance 5A. 230V Plage de mesures: -25 à 30°C	Temperature Alarm for up or down with 1hr. delay switch, 1.8 M sensor, Build in & Remote alarm 5A, 230V Range: -25 to 30°C	Alarma de temperatura para subir o bajar. con 1 h. interruptor de retardo, sensor de 1,8 M, alarma remota incorporada 5A, 230V Margen: -25 a 30°C	
TA22 220EU Thermomètre de temp. Alarme avec Afficheur, haut & bas. Durée 1hr, sonde d'1.8 M, Alarme interne et à distance Plage de mesures: -40 à 71°C	Temp. Alarm with Display up & dn. 1hr. delay, 1.8 M sensor, Build in & Remote alarm 5A, Range: -40 to 71°C	Alarma de temperatura con visor, tiempo de retraso variable de una hora, sensor de 1,8 M, alarma remota incorporada, Margen: -40 a 71°C	
TA33 220 Thermomètre de temp. Alarme avec Afficheur, haut & bas. Durée 1hr, sonde d'1.8 M, Alarme interne et à distance 5A, batterie de secours, -40 à 71°C	Temp. Alarm with Display up & dn. 1hr. delay, 1.8 M sensor, Build in & Remote alarm 5A, Battery Backup Range: -40 to 71°C	Alarma de temperatura con visor, tiempo de retraso variable de una hora, sensor de 1,8 M, alarma remota incorporada 5A, batería de respaldo, -40 a 71°C	
THA2U Thermomètre de temp. & humidité, Alarme Numérique. 4.6 M Capteur, Max 100 M, 2hr. Retarder, Alarme structuré & éloigné 5A, -40/60°C, 0/95%RH	Temp. & Humidity Digital Alarm, 4.6 M sensor, Max 100 M, 2hr. delay, Build in & Remote alarm 5A, -40 to 60°C, 0/95%RH	Alarma Digital de temperatura y Humedad, 4.6 M sensor, Max 100M, 2hr. Retrasar, Estructurado y remoto Alarma 5A, Gama: -40 a 60°C, 0/95%RH	
WG1 Alarme Eau, Détecteur de fuites, batterie 9V, Alarme 95db	Water activated Alarm, Leak Detector, 9V Battery, 95dB	Alarma de agua, Detector de fugas, batería 9V, Alarma 95 dB	
WGW24 Interrupteur de débordement pour arrêter le système et envoyer un signal à une alarme externe. LED verte : fonctionnement normal ; LED rouge : condition d'alarme. IP65, 18-24Vcc, 5A	Overflow switch to shut down the system and send a signal to an external alarm. Green LED: normal operation; Red LED: alarm condition. IP65, 18-24Vdc, 5A	Interruptor de desbordamiento para apagar el sistema y enviar una señal a una alarma externa. LED verde: funcionamiento normal; LED rojo: condición de alarma. IP65, 18-24Vcc, 5A	
BXWF002 Commutateur WiFi intelligent, pour connecter et déconnecter une source électrique par application de contrôle à distance. 90-250 VCA, 10A max.	Smart WiFi switch, to connect and disconnect an electrical source by remote control App. 90-250VAC, 10A Max.	Interruptor WiFi inteligente, para conectar y desconectar una fuente eléctrica mediante la aplicación de control remoto. 90-250 V CA, 10 A máx.	
      			
Press 7 Sec. to WiFi connection (led blink fast) On & Off LED/ WiFi LED			

Valves Perforatrices	Piercing Valves	Válvulas de perforación	
BPV 21 Valve perforatrice de service. Diam 1/2" & 5/8" (jusqu'à 450 PSI)	Bullet Piercing Valve. O.D. 1/2" & 5/8" (up to 450 PSI)	Válvula de perforación de servicio. Diám. ext. 1/2 y 5/8 pulg. (hasta 450 PSI)	
BPV 31 Valve perforatrice de service. Diam 1/4" – 5/16" & 3/8" (jusqu'à 450 PSI)	Bullet Piercing Valve. O.D. 1/4" – 5/16" & 3/8" (up to 450 PSI)	Válvula de perforación de servicio. Diám. ext. 1/4 pulg. – 5/16 y 3/8 pulg. (hasta 450 PSI)	
A2 Valve de service avec Schrader Pour diam: 1/2" & 5/8", jusqu'à 800 PSI	Adjustable Line Tap Valve – Schrader valve For O.D. 1/2" & 5/8", up to 800 PSI	Válvula de grifo regulable: válvula Schaeder. Para diám. ext. 1/2 y 5/8 pulg, hasta 800 PSI	
A1 Valve de service avec Schrader Pour diam: 1/4", 5/16" & 3/8" jusqu'à 800 PSI Convient au nouveau gaz R410A	Adjustable Line Tap Valve – Schrader valve For O.D. 1/4", 5/16" & 3/8", up to 800 PSI. Fits with R410A	Válvula de grifo regulable: válvula Schaeder. Para diám. ext. 1/4 pulg, 5/16 y 3/8 pulg., hasta 800 PSI. Adecuada para nuevo refrigerante R410A	
Adaptateurs et Connecteurs	Adapters & Connectors	Adaptadores y Conectores	
SF3920 Extracteur de noyau (sous pression) avec vanne 1/4 de tour	Core Removal Tool (with ball valve) 1/4"	Herramienta para extracción de núcleo con válvula esférica 1/4"	
SF3930 Extracteur de noyau (sous pression) avec vanne 1/4 de tour	Core Removal Tool (with ball valve) 1/4"	Herramienta para extracción de núcleo con válvula esférica 1/4"	
SF3931 Extracteur de noyau (sous pression) avec vanne 5/16 de tour	Core Removal Tool (with ball valve) 5/16" core	Herramienta para extracción de núcleo con válvula esférica, 5/16	 With side port
SF2070 Raccord d'intervention avec valve de depression	Hose Gas Retainer and Core Depressor Tool 1/4"	Retén de manguera de gas y depresor de válvula	
SF2038 Raccord d'intervention 5/16 – 1/4	Hose Gas Retaining Coupler 5/16" female – 1/4" male	Acoplador 5/16 – 1/4 para retén de manguera de gas	
SF2056 Raccord d'intervention 1/4 – 5/16	Hose Gas Retaining Coupler 1/4" female – 5/16" male	Acoplador 1/4 – 5/16 para retén de manguera de gas	
SF9601 Connecteur T 1/4" male Evasement x 1/4" écrou évasé avec bouton de dépression x 1/4" mâle. Evasement de la branche avec un obus de valve	T connector 1/4" male flare x 1/4" flare nut with depressor tip x 1/4" male flare on the branch with one valve core	Unión macho de 1/4" x tuerca cónica 1/4" con pico depresor x unión macho de 1/4" para conector T en la derivación con un núcleo de válvula	
SF9602 Connecteur T 1/4" male Evasement x 1/4" écrou évasé avec bouton de dépression x 1/4" mâle. Evasement de la branche avec un obus de valve	T connector 1/4" male flare x 1/4" flare nut with depressor tip x 1/4" male flare on the branch with one valve core	Unión macho de 1/4" x tuerca cónica 1/4" con pico depresor x unión macho de 1/4" para conector T en la derivación con un núcleo de válvula	
SF9603 Connecteur T 1/4" male Evasement x 1/4" écrou évasé avec bouton de dépression x 1/4" mâle. Evasement de la branche avec un obus de valve	T connector 1/4" male flare x 1/4" flare nut with depressor tip x 1/4" male flare on the branch with one valve core	Unión macho de 1/4" x tuerca cónica 1/4" con pico depresor x unión macho de 1/4" para conector T en la derivación con un núcleo de válvula	

CONDENSATE DRAIN BLOW OUT VALVE

JV1

The Valve is a simple condensate drain line blow out valve that is inexpensive and easy to use. No more water buckets, no more looking for the other end of the line to install your plug. No more cutting and repairing the drain line.

- 1/4" Hose connection, male flare w/ Schrader
- 3/4" Condensate line
- Durable, Schedule 40 PVC Material
- Attaches to CO2 or Nitrogen tanks
- Smallest, and easiest to use of all available drain line valves
- Patent Pending, 1 Year Warranty



HVAC AIR-TRAP™

PLP051

Will never dry out or freeze because it does not depend on water to seal or preventing air leakage

- A solution for lower pressures, 0-5" (0-112cm)
- 3/4" Connections, Max. Positive pressures 40"
- Length 14cm (5.6"), Height 5cm only (2")



Pressostat

Pressostat unipolaire à contact simple
Pouvoir résistif (RLA) 6 Amps - Pouvoir
Inductif (LRA) 36 Amps - Pression
d'éclatement 5000PSI - raccord 1/4"

Code / Part Number/ Número de pieza

Pressure Switches

SPST 6 Amps Full load
36 Amps Lock rotor load
Max Pressure 5000PSI
1/4" Fitting

Ouverture /Open /Apertura

Presostatos

Interrupor unipolar de una sola dirección
(SPST), carga completa de 6 amperios,
corriente con rotor en reposo, carga máxima
5000 psi, acople 1/4 pulg.

Fermeture / Close / Cierre

SLP0520

5 PSI = 0,35 BAR

20 PSI = 1,38 BAR

SLP1025

10 PSI = 0,69 BAR

25 PSI = 1,72 BAR

SLP1535

15 PSI = 1,03 BAR

35 PSI = 2,41 BAR

SLP2550

25 PSI = 1,72 BAR

50 PSI = 3,45 BAR

SLP2580

25 PSI = 1,72 BAR

80 PSI = 5,51 BAR

SLP4080

40 PSI = 2,76 BAR

80 PSI = 5,51 BAR

SLP4560

45 PSI = 3,10 BAR

60 PSI = 4,14 BAR

SLP90120

90 PSI = 6,20 BAR

120 PSI = 8,27 BAR

SHP250150

250 PSI = 17,24 BAR

150 PSI = 10,34 BAR

SHP300200

300 PSI = 20,68 BAR

200 PSI = 13,78 BAR

SHP350250

350 PSI = 24,12 BAR

250 PSI = 17,23 BAR

SHP375265

375 PSI = 25,84 BAR

265 PSI = 18,26 BAR

SHP400200

400 PSI = 27,57 BAR

200 PSI = 13,78 BAR

SHP400300

400 PSI = 27,57 BAR

300 PSI = 20,68 BAR

SHP400280

400 PSI = 27,57 BAR

300 PSI = 19,30 BAR

SHP425325

425 PSI = 29,30 BAR

325 PSI = 22,41 BAR

SHP450250

450 PSI = 31,01 BAR

250 PSI = 17,23 BAR

SHP610420

610 PSI = 42,06 BAR

420 PSI = 28,96 BAR

SFC110170

110 PSI = 7,6 BAR

170 PSI = 11,72 BAR

SFC150225

150 PSI = 10,34 BAR

225 PSI = 15,51 BAR

SFC170250

170 PSI = 11,72 BAR

250 PSI = 17,24 BAR

SFC200240

200 PSI = 13,79 BAR

240 PSI = 16,55 BAR

SFC200365

200 PSI = 13,79 BAR

365 PSI = 25,17 BAR

SFC210275

210 PSI = 14,48 BAR

275 PSI = 18,96 BAR

SFC300400

300 PSI = 20,68 BAR

400 PSI = 27,57 BAR

SMR375

375 PSI = 25,84 BAR

MANUAL RESET

SMR410

410 PSI = 28,26 BAR

MANUAL RESET

SMR440

440 PSI = 30,33 BAR

MANUAL RESET

SMR610 for R410A

610 PSI = 42,06 BAR

MANUAL RESET



Low Pressure
Switch
+/- 5 PSI
SPST, 6 RLA,
36LRA



High Pressure
Switch
+/- 15 PSI
SPST, 6 RLA,
36LRA



Fan Motor
Pressure Switch
+/- 15 PSI
SPST, 6 RLA,
36LRA



Pressure Switch
±15 PSI, SPST
6 RLA, 36LRA

Drain valve, CONDENSATE LINE TRAP

FW3225H

Horizontal water drain valve, up to 10 liters/minute
Sterilizing draining valve, Prevent back flow of outdoor germs and odor. Independent discharge outlet.
For condensate line with negative pressure (-1Kpa), can be operated at maximum 10Kpa pressure differences.
Can be used together or without any built-in drain pump system. For 25 to 32 mm (1" to 1-1/4") tubes
Working temperature: 1 to 50°C
Made of PC double-layer insulation



Allin Liquid Eye® - Sight Glass

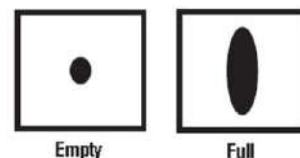
The Allin Liquid Eye® has a unique "See-Thru" feature that is more readable than other sight glasses.
The dot on the tube is magnified when the tube is full of refrigerant to give a quick, easy indication.

Made in USA

- Solid brass body
- Shock resistant glass
- Available in flare or solder
- HFC refrigerants easy indication

Part No.	Flare (In.)	Length (In.)	A-1® P/N
SG114	1/4 x 1/4	3-1/16	F5904
SG115	3/8 x 3/8	3-1/4	F5905
SG206	1/2 x 1/2	3-11/16	F5916
SG207	5/8 x 5/8	4	F5917
Part No.	Flare (In.)	Length (In.)	A-1® P/N
SG110	1/4 x 1/4	3-1/8	F5900
SG111	3/8 x 3/8	3-3/8	F5901
SG204	1/2 x 1/2	3-15/16	F5914
SG205	5/8 x 5/8	4-1/8	F5915
Part No.	Sweat (In.)	Length (In.)	A-1® P/N
SG118	1/4 x 1/4	7-1/4	F5908
SG119	3/8 x 3/8	7-3/4	F5909
SG208	1/2 x 1/2	7-3/4	F5918
SG209	5/8 x 5/8	7-3/4	F5919

Male/
Female



Male/
Male



Solder
type



Allin Liquid Eye® - Moisture Indicators

The Allin Liquid Eye® moisture reactor is easy to read in minimal light. It provides a quick indication of refrigerant in the tube, as well as the pressure of the moisture. When moisture is present, the color bars on the band within the tube change color.

Made in USA

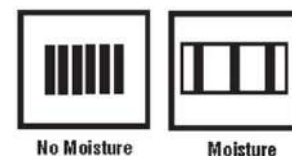
- Solid brass body
- Shock resistant glass
- Available in flare or solder
- Color bar designed for HFC refrigerants

Part No.	Flare (In.)	Length (In.)	A-1® P/N
SG114R	1/4 x 1/4	3-1/16	F5924
SG115R	3/8 x 3/8	3-1/4	F5925
SG206R	1/2 x 1/2	3-11/16	F5936
SG207R	5/8 x 5/8	4	F5937
Part No.	Flare (In.)	Length (In.)	A-1® P/N
SG110R	1/4 x 1/4	3-1/8	F5920
SG111R	3/8 x 3/8	3-3/8	F5921
SG204R	1/2 x 1/2	3-15/16	F5934
SG205R	5/8 x 5/8	4-1/8	F5935
Part No.	Sweat (In.)	Length (In.)	A-1® P/N
SG118R	1/4 x 1/4	7-1/4	F5928
SG119R	3/8 x 3/8	7-3/4	F5929
SG208R	1/2 x 1/2	7-3/4	F5938
SG209R	5/8 x 5/8	7-3/4	F5939

Male/
Female



Male/
Male



Solder
type



Capillaire Tube

Capillary Tubing

Capilar Tubing

BC Series Bullet® Restricto - Capillary Tubing

Fits ANY Domestic and Commercial Refrigerator, Freezer or Application. Air Conditioner from 1/8 hp to 5 hp.

• Precision Bore, Plus or Minus .001", • Specification: ASTM B360

• Terminations: RC, RH, W, Y, G, O, B



Standard Service Packs, Length in foot.

Old P/N	New P/N	Length	Description
	BC26X16	16	.026 ID X .071 OD
BC5	BC28X10	10	.028 ID X .071 OD
BC1	BC31X10	10	.031 ID X .081 OD
	BC36X12	12	.036 ID X .086 OD
BC2	BC40X12	12	.040 ID X .093 OD
	BC42X12	12	.042 ID X .093 OD
	BC44X12	12	.044 ID X .093 OD
	BC46X12	12	.046 ID X .093 OD
	BC49X11	11	.049 ID X .093 OD
	BC50X11	11	.050 ID X .093 OD
BC3	BC52X12	12	.052 ID X .093 OD
	BC54X11	11	.054 ID X .106 OD
	BC55X11	11	.055 ID X .112 OD
	BC59X10	10	.059 ID X .112 OD
BC4	BC64X12	12	.064 ID X .125 OD
	BC70X12	12	.070 ID X .125 OD
	BC75X9	9	.075 ID X .125 OD
	BC80X10	10	.080 ID X .145 OD
	BC85X9	9	.085 ID X .145 OD
	BC90X7	7	.090 ID X .145 OD

Bulk Packs, 100 Foot (30m) Length

Old P/N	New P/N	Length	Description
	BC26X100	100	.026 ID X .071 OD
BC5-100	BC28X100	100	.028 ID X .071 OD
BC1-100	BC31X100	100	.031 ID X .081 OD
	BC36X100	100	.036 ID X .086 OD
BC2-100	BC40X100	100	.040 ID X .093 OD
	BC42X100	100	.042 ID X .093 OD
	BC44X100	100	.044 ID X .093 OD
	BC46X100	100	.046 ID X .093 OD
	BC49X100	100	.049 ID X .093 OD
	BC50X100	100	.050 ID X .093 OD
BC3-100	BC52X100	100	.052 ID X .093 OD
	BC54X100	100	.054 ID X .106 OD
	BC55X100	100	.055 ID X .112 OD
	BC59X100	100	.059 ID X .112 OD
BC4-100	BC64X100	100	.064 ID X .125 OD
	BC70X100	100	.070 ID X .125 OD
	BC75X100	100	.075 ID X .125 OD
	BC80X100	100	.080 ID X .145 OD
	BC85X100	100	.085 ID X .145 OD
	BC90X100	100	.090 ID X .145 OD

Part No.	BC26	BC28	BC31	BC36	BC40	BC42	BC44	BC46	BC49	BC50	BC52	BC54	BC55	BC59	BC64	BC70	BC75	BC80	BC85	BC90
Tube I.D.	0.026	0.028	0.031	0.036	0.040	0.042	0.044	0.046	0.049	0.050	0.052	0.054	0.055	0.059	0.064	0.070	0.075	0.080	0.085	0.090
0.600 mm	1.450	2.200	3.990																	
0.610 mm	1.425	2.155	3.840																	
0.635 mm	1.120	1.640	3.040																	
0.660 mm	1.000	1.520	2.580																	
0.700 mm	0.680	1.082	1.860																	
0.780 mm	0.410	0.623	1.046	2.630																
0.800 mm	0.364	0.545	0.951	2.110																
0.900 mm		0.276	0.487	1.085	2.100	2.653	3.540													
0.910 mm		0.265	0.455	1.029	2.000	2.600	3.337	4.261												
1.000 mm				0.593	1.076	1.408	1.753	2.239	3.597											
1.060 mm				0.435	0.815	1.036	1.410	1.801	2.497	2.840	3.651									
1.100 mm				0.332	0.620	0.817	1.101	1.405	2.005	2.273	2.893	3.831								
1.200 mm					0.359	0.496	0.675	0.862	1.215	1.372	1.707	2.239	2.538	4.019						
1.240 mm					0.304	0.421	0.560	0.715	1.018	1.145	1.420	1.840	2.062	3.199						
1.270 mm					0.257	0.375	0.484	0.618	0.891	1.000	1.158	1.613	1.809	2.843						
1.300 mm						0.300	0.419	0.535	0.765	0.875	1.086	1.398	1.567	2.404	4.299					
1.370 mm							0.300	0.383	0.580	0.625	0.785	1.005	1.094	1.716	2.955					
1.400 mm									0.495	0.546	0.689	0.889	0.990	1.499	2.551					
1.500 mm									0.330	0.343	0.439	0.570	0.638	0.990	1.662	2.836				
1.600 mm										0.282	0.375	0.424	0.660	1.094	1.820	2.875				
1.630 mm												0.374	0.593	0.985	1.623	2.568				
1.700 mm												0.288	0.472	0.785	1.279	2.005				
1.800 mm														0.554	0.928	1.415	2.105	2.251	3.000	
1.900 mm														0.387	0.700	1.019	1.529	1.770	2.350	
2.000 mm															0.485	0.734	1.090	1.400	1.750	
2.100 mm																0.574	0.855	1.120	1.435	
2.160 mm																0.508	0.755	0.987	1.296	
2.200 mm																0.466	0.690	0.915	1.198	
2.300 mm																0.382	0.585	0.760	0.986	
2.400 mm																0.309	0.470	0.605	0.784	
2.500 mm																	0.385	0.505	0.649	
2.540 mm																	0.362	0.477	0.616	

Metric Conversion Chart
0.600 mm to 2.50 mm

Notes:
All metric sizes are in millimeters, all replacement sizes are in inches.

For best results use conversion factors in the shaded areas.

Rev.04192013

Conversion Chart (0.024 I.D. inches to 0.80 I.D inches)

Part No.	BC26	BC28	BC31	BC36	BC40	BC42	BC44	BC46	BC49	BC50	BC52	BC54	BC55	BC59	BC64	BC70	BC75	BC80	BC85	BC90
Tube I.D.	0.026	0.028	0.031	0.036	0.040	0.042	0.044	0.046	0.049	0.050	0.052	0.054	0.055	0.059	0.064	0.070	0.075	0.080	0.085	0.090
0.024	1.430	2.160	3.890																	
0.025	1.120	1.640	3.040																	
0.026	1.000	1.520	2.580																	
0.027	0.810	1.200	2.070																	
0.028	0.660	1.000	1.710	3.950																
0.029	0.560	0.840	1.440	3.300																
0.030	0.460	0.68	1.180	2.680																
0.031	0.390	0.595	1.000	2.260																
0.032	0.325	0.500	0.850	1.930	3.610															
0.033		0.435	0.680	1.642	3.520															
0.034		0.340	0.615	1.388	2.588															
0.035		0.300	0.525	1.185	2.210	2.930	3.934													
0.036		0.250	0.378	1.000	1.840	2.416	3.250	4.240												
0.037				0.856	1.569	2.072	2.761	3.530												
0.038				0.738	1.335	1.742	2.329	2.974												
0.039				0.645	1.164	1.526	2.014	2.570	3.835											
0.040				0.551	1.000	1.306	1.741	2.242	3.275	3.749										
0.041				0.479	0.866	1.149	1.509	1.927	2.816	3.240										
0.042				0.416	0.760	1.000	1.302	1.681	2.417	2.740	3.535									
0.043				0.362	0.665	0.870	1.153	1.472	2.109	2.388	3.047									
0.044				0.311	0.583	0.768	1.000	1.277	1.820	2.063	2.606	3.470								
0.045				0.270	0.507	0.669	0.878	1.121	1.612	1.827	2.293	3.025								
0.046				0.236	0.446	0.595	0.783	1.000	1.410	1.600	2.021	2.640	2.985							
0.047					0.378	0.531	0.700	0.889	1.250	1.415	1.760	2.313	2.624	4.157						
0.048					0.345	0.468	0.617	0.788	1.114	1.254	1.566	2.040	2.305	3.653						
0.049					0.298	0.415	0.551	0.709	1.000	1.123	1.390	1.811	2.026	3.115						
0.050					0.257	0.375	0.484	0.625	0.891	1.000	1.156	1.613	1.809	2.843						
0.051						0.322	0.431	0.550	0.795	0.892	1.107	1.425	1.598	2.453						
0.052						0.287	0.385	0.495	0.720	0.807	1.000	1.280	1.435	2.215	3.907					
0.053							0.317	0.405	0.625	0.709	0.881	1.135	1.229	1.935	3.261					
0.054							0.290	0.379	0.570	0.620	0.779	1.000	1.086	1.703	2.950					
0.055							0.254	0.335	0.500	0.559	0.699	0.900	1.000	1.517	2.586					
0.056									0.443	0.500	0.634	0.806	0.924	1.379	2.330					
0.057									0.393	0.445	0.564	0.720	0.809	1.236	2.084					
0.058									0.343	0.395	0.499	0.650	0.729	1.103	1.867					
0.059									0.350	0.350	0.446	0.580	0.647	1.000	1.675	2.862				
0.060									0.290	0.308	0.394	0.513	0.573	0.893	1.463	2.475				
0.061										0.270	0.347	0.450	0.514	0.802	1.310	2.210				
0.062											0.310	0.411	0.465	0.723	1.189	2.000	3.201			
0.063												0.373	0.423	0.659	1.093	1.817	2.872			
0.064												0.336	0.383	0.604	1.000	1.646	2.575			
0.065													0.353	0.560	0.910	1.522	2.389			
0.066													0.326	0.519	0.864	1.412	2.198			
0.067														0.468	0.779	1.270	1.994			
0.068														0.424	0.713	1.166	1.809			
0.069														0.388	0.660	1.086	1.687			
0.070														0.351	0.603	1.000	1.544	2.303	2.400	3.190
0.071															0.547	0.918	1.397	2.071	2.240	2.960
0.072															0.503	0.849	1.287	1.910	2.100	2.775
0.073															0.464	0.789	1.189	1.766	1.970	2.600
0.074															0.419	0.737	1.104	1.624	1.850	2.450
0.075															0.381	0.692	1.000	1.470	1.750	2.318
0.076															0.344	0.592	0.912	1.335	1.650	2.140
0.077															0.316	0.548	0.838	1.235	1.550	1.980
0.078															0.293	0.510	0.775	1.151	1.460	1.840
0.079																0.476	0.721	1.069	1.389	1.720
0.080																0.448	0.680	1.000	1.320	1.610

For best results use conversion factors in the shaded areas.

Capillaire Tube				Capillary Tubing								Capilar Tubing								
Conversion Chart Continued (0.81 to 0.100 inches)																				
Part No.		BC5	BC1		BC2						BC3				BC4					
Tube I.D.	BC26	BC28	BC31	BC36	BC40	BC42	BC44	BC46	BC49	BC50	BC52	BC54	BC55	BC59	BC64	BC70	BC75	BC80	BC85	BC90
0.081																	0.632	0.943	1.240	1.545
0.082																	0.596	0.885	1.170	1.484
0.083																	0.564	0.840	1.109	1.420
0.084																	0.536	0.795	1.052	1.370
0.085																	0.510	0.760	1.000	1.320
0.086																	0.482	0.715	0.945	1.234
0.087																	0.457	0.676	0.895	1.172
0.088																	0.434	0.655	0.850	1.110
0.089																	0.414	0.618	0.810	1.054
0.090																	0.395	0.585	0.775	1.000
0.091																	0.372	0.554	0.730	0.944
0.092																	0.351	0.526	0.690	0.892
0.093																	0.333	0.504	0.655	0.845
0.094																	0.316	0.480	0.620	0.804
0.095																		0.460	0.590	0.760
0.096																		0.435	0.565	0.731
0.097																		0.415	0.540	0.696
0.098																		0.395	0.510	0.659
0.099																		0.369	0.498	0.640
0.100																		0.362	0.477	0.616
For best results use conversion factors in the shaded areas.																				

Driers - SUD8358 - Magna-Clean®

- 100% XH-9 Beaded Desiccant, Compatible with All Refrigerants and Oils
- Hermetically Sealed, Directional Flow Drier with Access Valve
- 100% Spun Copper Shell and End Tubes, Pre-Scored Ends for Easy Break Off
- Reduces Clogged Capillary Tubes. Reduces Wear and Tear on Component Parts
- Use on Capillary or Expansion Valve Systems



Inlet	Outlet	Length	Diameter	Tonnage R134A	Tonnage R22	R134A Drops Of Water Removed	R22 Drops Of Water Removed
1/4" OD, 1/4" Flare	1/4" OD or Cap.	8 3/4"	1"	3/4"	1"	74 @ 75°F	68 @ 75°F
				68 @ 125°F		68 @ 125°F	64 @ 125°F

LLD - Liquid Line Driers, Filtration: 40 Microns, Activated Alumina & Molecular Sieve

P/N with Screw	Screw SAE Connection	P/N without Screw	Inlet & Outlet Dia.	O.D.	Drops of water for R-407C	
					24°C	52°C
LLD032	1/4"	LLD032S	1/4"	1 5/8"	31	21
LLD052	1/4"	LLD052S	1/4"	2 1/2"	47	26
LLD053	3/8"	LLD053S	3/8"	2 1/2"		
LLD082	1/4"	LLD082S	1/4"	2 1/2"		
LLD083	3/8"	LLD083S	3/8"	2 1/2"	68	39
LLD084	1/2"	LLD084S	1/2"	2 1/2"		
LLD162	1/4"	LLD162S	1/4"	2 1/2"		
LLD163	3/8"	LLD163S	3/8"	2 1/2"		
LLD164	1/2"	LLD164S	1/2"	2 1/2"	134	86
LLD165	5/8"	LLD165S	5/8"	2 1/2"		
LLD303	3/8"	LLD303S	3/8"	3		
LLD304	1/2"	LLD304S	1/2"	3		
LLD305	5/8"	-	-	3	309	212
-		LLD306S	3/4"	3		
-		LLD307S	7/8"	3		
-		LLD309S	1 1/8"	3		

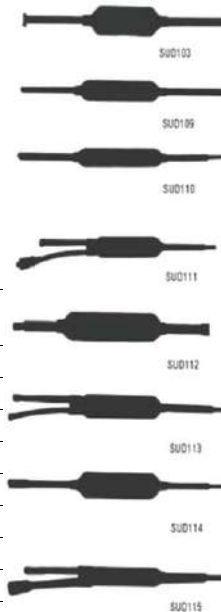
- Solid Copper Fittings
 - Shock Resistant Steel Construction
 - High Acid and Moisture Removal
 - Corrosion Resistant Epoxy Powder Paint Finish
- Maximum Working Pressure (MWP):
 Sizes 03-16 Cubic Inches = 680 PSIG,
 Sizes 30-75 Cubic Inches = 500 PSIG



Driers - SUD100 - Series Copper Driers

High Quality, High Capacity Original Equipment Components for use on Domestic and Commercial Refrigerators, Freezers and Air Conditioners.

- 100% XH-9 Beaded Molecular Sieve
- Hermetically Sealed
- Copper Shells and End Tubes
- High Capacity
- Easy Break Off Grooved Ends
- Maximum Working Pressure 500 PSI



P/N	Description	Inlet	Outlet	Length	Tonnage R134A	Tonnage R22
SUD103	1" Plugged Ends	1/4" O.D.	1/4" O.D.	8"	1/3	1/2
SUD109	3/4" NonDirectional	1/4" O.D.	1/4" O.D.	7 1/2"	1/3	1/2
SUD110	3/4" Fused Ends	1/4" O.D.	1/4" O.D.	8 7/8"	1/3	1/2
SUD111	1" Charging Drier	1/4" O.D. 1/4" Flare	1/4" O.D. or Cap	9 5/8"	3/4	1
SUD112	1" Step Down Drier	5/16" O.D.	5/16" O.D. or Cap	10 3/4"	1	2
SUD113	1" Double Inlet	(2)1/4" O. D.	1/4" O.D.	8 3/4"	3/4	1
SUD114	1" Fused Ends	1/4" I.D. 1/4" O.D.	1/4" O.D. or Cap	8 3/4"	3/4	1
SUD115	3/4" Charging Drier	1/4" I.D. 1/4" O.D. 1/4" Flare	1/4" O.D. or Cap	9 5/8"	1/3	1/2
SUD116	1" Non-Directional	3/16", 1/4", 5/16" I.D.	5/16" I.D. or Cap	8 3/4"	3/4	1

Driers - S200 Series Copper Strainers, 500 PSI Max., 200 Mesh Monel Screen

P/N	Inlet	Outlet	O.A. Length	O.D.	Feed
S210	1/4"	.098 CAP	2 3/4"	3/4"	1
S211	1/4"	.125 CAP	2 3/4"	3/4"	1
S212	1/4"	1/4"	2 3/4"	3/4"	1
S213	5/16"	5/16"	2 3/4"	3/4"	1
S214	3/8"	Double Feed Cap .125	4 1/2"	5/8"	2
S215	3/8"	Triple Feed Cap .125	4 1/2"	5/8"	3
S216	3/8"	3/8"	4 1/2"	5/8"	1
S218	3/8"	.125 CAP	4 1/2"	5/8"	1
S219	3/8"	.146 CAP	5"	7/8"	4
S220	3/8"	.112 CAP	4 1/2"	7/8"	6

Specifically Designed for Reopened Systems. Each Strainer Contains an Oversized Screen Area for Filtering Large Quantities of burnt out Foreign Matter from System.



VIBRATION ABSORBER

Vibration absorbers are designed for installation in the suction and discharge lines of air conditioning, heat pump and refrigeration systems to dampen the transmission of compressor induced vibration through the system piping.

- Compatible with all refrigerants
- Maximum working pressures range 340-500 PSI depending upon the size
- Deep pitch stainless steel hose and high tensile wire braid
- Design includes a piston stopper that provides a more positive seal and reduces leaks
- 100 % helium and hydrogen leak tested



P/N	OD Connection	Length	Length [cm] ±6mm	Max. Working Pressure [PSI]	Burst pressure [PSI]
VAS014	1/4"	8.06"	20.5	500	2,500
VAS038	3/8"	8.5"	21.75	500	2,500
VAS012	1/2"	9.0"	22.86	500	2,500
VAS058	5/8"	9.7"	25.08	500	2,500
VAS034	3/4"	10.5"	26.83	500	2,500
VAS078	7/8"	12"	30.48	500	2,500
VAS118	1 1/8"	13"	33.13	500	2,500
VAS138	1 3/8"	15.5"	39.50	500	2,500
VAS158	1 5/8"	17"	42.86	500	2,500
VAS218	2 1/8"	20.5"	52.38	340	1,700

Outils Innovants	Innovative Tools	Herramientas Novedosas	
FCR6 6 Standard Handy Anneau Fin Peigne			
6 Standard Handy Ring Fin Comb Set			
FCRH6 6 High Efficiency Handy Anneau Fin Peigne			
6 High Efficiency Handy Ring Fin Comb Set			
6 High Efficiency Práctico anillo Fin peine conjunto			
High Efficiency Part No.	Standard Part No.	FINS Per Inch	Color
FCH0810	FC0810	8 and 10	Orange
FCH0915	FC0915	9 and 15	Yellow
FCH1113	FC1113	11 and 13	Blue
FCH1214	FC1214	12 and 14	Green
FCH1617	FC1617	16 and 17	Lime
FCH1820	FC1820	18 and 20	Red
FCH2224	FC2224	22 and 24	Purple
FPT10 / 13 / 15 Peignes pour ailettes coudées			
Fin Jack (bent fins)			
Peine para aletas torcidas			
FPT10 – 9 and 10 Fins Per Inch, Black			
FPT13 – 11, 12 and 13 Fins Per Inch, Orange			
FPT15 – 14, 15 and 16 Fins Per Inch, Red			
UFC1 Peigne métallique Redresseur d'ailettes			
Universal Fin Comb			
Peine para enderezar aletas			
HK7 Set de Clés Hexagonales 7" de long			
Hex Key wrench set 7" long			
Juego de llaves hexagonales 7" de largo			
DA86420 Clé à pipe de Poche 4 en 1 7/16", 5/16", 3/8" & 1/4"			
4 in 1 Multi Socket 7/16", 5/16", 3/8" & 1/4"			
Llave con casquillos, 4 en 1 7/16", 5/16", 3/8" y 1/4"			
UW1 Clés à pipe de poche – 4 dimensions: 1/4", 5/16", 11/32" & 3/8"			
Universal wrench – 4 dimensions: 1/4", 5/16", 11/32" & 3/8"			
UW48 Clé universelle 8 en 1. 8-19 mm, 3/4" à 5/16" Rotation de la tête à 360 degrés			
8 in 1 universal wrench. 8-19 mm, 3/4" to 5/16" 360 degrees head rotation			
Llave universal 8 en 1. 8-19 mm, 3/4" a 5/16" Rotación del cabezal de 360 grados			
RW516 Clés à cliquet 4 carré 1/4", 3/8", 3/16" & 5/16"			
4 Square Ratchet wrench 1/4", 3/8", 3/16" & 5/16"			
Llave del trinquete 4 Cuadrado 1/4", 3/8", 3/16" y 5/16"			
RWA10 Adaptateur Clé de 1/4" - clé Hexagonale, 2 Tailles 3/16" & 5/16"			
Adaptor from Ref. wrench 1/4" to Hex Wrench, 2 sizes 3/16" & 5/16"			
Adaptador de Refrigeración llave 1/4" para llave Hexagonal, 2 tamaños 3/16" y 5/16"			

Outils Innovants	Innovative Tools	Herramientas Novedosas	
LBIT – Grand foret Philips #2 et plat 1/2"	Large bit for SR6N1 Philips #2 and flat 1/2"	Punta grande Philips #2 y plana 1/2"	
FBP 100 Démonte Hélice de ventilateur	Fane Blade Puller	Extractor de paletas de ventilación	
DA76070 Cutter et Dénuder d'une seule main 2 en 1, 26 à 14 AWG	Cutter and Stripper, 2 in 1 for thin wire, 26 to 14 AWG	Cortador / extractor de alambres, 2 en 1, 26 a 14 AWG	
ELB201 Cutter, Dénuder d'une seule main et Pince à sertir entre les poignées, 3 en 1, 22 à 16 AWG	Cutter, Stripper and crimper between handles, 3 in 1 for thin wire, 22 to 16 AWG	Cortador / extractor, alambres de Corrugadora entre las manijas, 3 en 1, 22 a 16 AWG	
ELB320 11" Pince à long nez , Poignées anti- dérapant	11" Long Nose Plier, Nonslip handles	11" Alicates de punta larga , asas antideslizantes	
DA76190 Double Pince Circlip pour Bague Interne et Externe	Dual Snap Ring Plier for Internal & External Rings	Pinza de Doble Anillo de Retención para Anillo Externo y Interno	
KD145 Pincettes durites Lave-vaisselle & blanchisseuses	Hose Pinch-Off Pliers Dish Washers & Washers	Pinzas estranguladoras para mangueras Lavavajillas y lavadoras	
KD3975 Pincettes de serrage Lave-vaisselle & blanchisseuses	Corbin Style Hose clamp pliers Dish Washers & Washers	Pinza abrazadera para mangueras tipo Corbin Lavavajillas y lavadoras	
SF4311 Pince Auto-perforante d'intervention	"Fast Tap" Tube Piercing Pliers	Alicate para perforación rápida de tubos	
RC2110 (10") Clé à molette de précision 10"	Precision adjustable wrench 10"	Llave ajustable de precisión 10"	

MUKIT



TB100



RSTO1Y

A/C Coil Wash Cover
Hanged frame model (Yellow)
For A/C up 9 thru 24K BTU
Rigid plastic, Adjustable frame
fit 2 sizes: 120X62 cm
or 120X120 cm
with 1.8m drainpipe
Includes Carrying bag



RSTO2T

Circular Folded A/C Coil Wash Cover Model (Light blue)
For A/C up 9 thru 18K BTU
Covers batteries up 2.4 M round
Includes Carrying bag



RSTO3B

Circular Folded A/C Coil Wash Cover Model (Blue)
For A/C up 9 thru 36K BTU
Covers batteries up 3.2 M round
Includes Carrying bag



UW48

8 in 1 universal wrench 8"
form, 8 to 19 mm, 3/4" to 5/16"
360 degrees head rotation



Concrete Core Drills

for Drilling with water
40 Cm length
Connects with 1/2" BSP
Thread

LCB62MM - 62 mm dia.

LCB67MM - 67 mm dia.

LCB72MM - 72 mm dia.



Outils Innovants

Innovative Tools

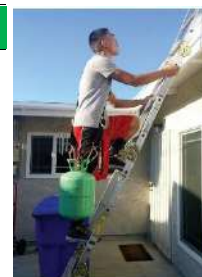
Herramientas Novedosas

ACS50

AC Sling

- Makes carrying gear safer & easier
- Holds up to 50 lbs.
- Integrated clasp hooks

- Pockets for storing parts or hardware
- 4" D-shaped gate hooks
- Adjustable length, up to 5 ft.



FVCT4

Flexible Valve Core Tool

- 4.5 inches in length
- Flexible to over 120° angle
- CNC finished



FVCT4PLUS

Flexible Valve Core Tool w/ Storage

- 4- 7/8 inches in length
- Flexible to over 120° angle
- CNC finished
- Comes with 3 valve cores



VCCT3

Valve Core Gripper Tool w/ Gasket Installer

- 3.5 inches in length
- Integrated key ring
- CNC finished



EL10 - Easy Leveler Furnace Legs

Four sturdy bolt-adjusted leg extensions supplied with mounting materials. Simply turn the lag bolted insert to raise or lower each corner of the unit.

- Kit includes 4 Sturdy Bolt-adjusted Leg Extensions
- Mounting Hardware Included



HVAC STRAP

Manifold Gauge Magnet Hanger

Constructed from heavy-duty woven material, with a vinyl coated magnet.

- Decreases work time - put gauges where YOU want them
- Safe - keeps high voltage away from gauges
- Vinyl coated magnet will not scratch or damage unit
- Increases readability and convenience
- Professional appearance



MAGJUMPER

- 30 VAC/VDC, 5 Amps Max.
- Ideal for Low Voltage Troubleshooting for Recessed Terminals
- Thermostats
- Control Boards
- Sensors, Switches

Available in 5 Colors

Part No.	Color
MAG1YL	Yellow
MAG1GR	Green
MAG1BL	Blue
MAG1BK	Black
MAG1RD	Red

Magnetic test leads, 50cm



REFRIGERANT SAFETY LOCKING CAPS

- Meets IRC M1411.6 and IMC 1101.10 for tamper resistance
- Compatible with R717, R12, R22, R134a, R404A, R410A and other refrigerants.
- No special tools required. Simply tighten by hand.

Part No.	Description
SFL1402	2 Pack 1/4"
SFL1410	10 Pack 1/4"
SFL1450	50 Pack 1/4"
SFL51602	2 Pack 5/16"
SFL51610	10 Pack 5/16"
SFL51650	50 Pack 5/16"



Outils Innovants	Innovative Tools	Herramientas Novedosas	
DHS55 Balance à Main 9V – Jusqu'à 25kg, ±2%	Digital Handheld Charging Scale, 9V , 25kg, ±2%	Balanza digital de mano 9 voltios – Hasta 25 kg, ±2%	
IM1 Miroir Télescopique diam 3,5cm x 70 cm	Telescoping Tools 3,5 Cm Dia. x 70 cm Long	Herramientas de telescopiaje, 3,5 cm. diám. x 70 cm longitud	
IM3 Miroir Télescopique diam 6cm x 37cm	Telescoping Tools 6 Cm Dia. x 37 cm Long	Herramientas de telescopiaje, 6cm. diám. x 37 cm longitud	
RSIM1 Inspection Mirror presents a true, non-inverted image, making it a MUST for every engineer & technician. Chrome plated telescoping arm extends to 40cm (16")		 Inverted Non-Inverted	
FLT3M Lampe Torche telescopique avec 2 aimants, 55 centimetres	Telescopic Led Flashlight 55CM, with 2 Magnets (Pickup & Base), Flex Hade and Mirror	Linterna telescopica con 2 Imanes, 55 Centimetros	
FL6N1 Lampe Torche, 30 ampoules, détection de fuites UV, Pointeur laser, vision nocturne, de clignoter et reste allumée.	30 leds Flashlight w/UV Leak detection, Laser pointer, Nigth Vision and Steady and Flashing Light.	Linterna con 30 bulbos, Detección de fugas uv, Puntero láser, Una Noche Visión, La luz intermitente y el sonido	
PL6 Lampe Torche avec 6 ampoules, avec aimant, Clip, résistant à l'eau	6 leds Flashlight, with Pickup Magnet, Pocket clip, Water resistant	Linterna con 6 bulbos y Imane, Clip de bolsillo, resistente al agua	
PSL8 Lampe Torche avec 8 ampoules, avec aimant, Clip, résistant à l'eau	8 leds Flashlight, with Pickup Magnet, Pocket clip, Water resistant	Linterna con 8 bulbos y Imane, Clip de bolsillo, resistente al agua	
MWL300 Multifunction Work Light • Ultra bright 300 Lumens • 1W LED torch	• 100,000 hour LED life • Fold-away swivel hook	• Red warning light • Strong pivoting magnetic base	

COOLPRESSOR

High Powered Magnetic Compressor Cooler



CCB100

Telescopic Coils Cleaner Brush

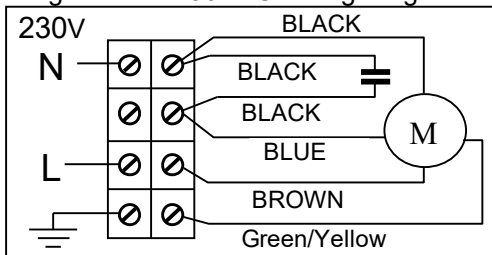


Axial Fan Motors

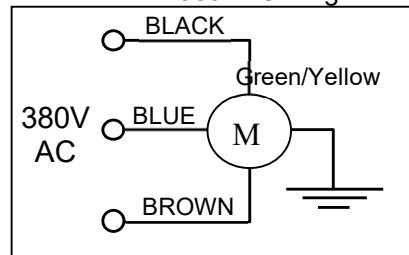
Electrical connections must be applied according to the diagram.
We will not be responsible to any damage caused by incorrect
Connection which is not according the follow diagrams:



Single Phase 230VAC Wiring Diagram



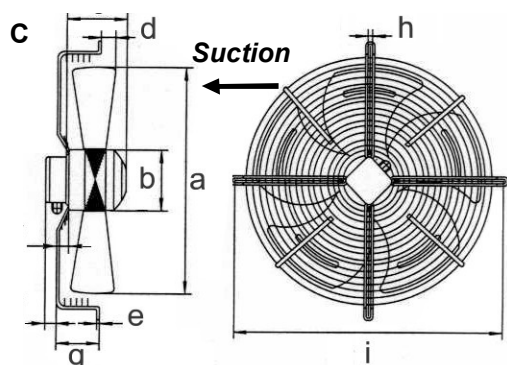
Three Phase 380VAC Diagram



Suction Fan P/N	Fan Ø mm	Volts V	Current A	Input W	Speed Rpm	Air Volume		Noise db	Cap. Mfd	Weight Kg	Note
						M³/h	CFM				
SM4E250	250	230	0.25	50	1400	900	533	54	1.5	1.6	One Phase
SM4E300	300	230	0.40	80	1380	950	562	57	2	3.3	
SM4E350	350	230	0.70	150	1380	2050	1213	64	4	4.8	
SM4E400	400	230	0.95	200	1380	3430	2030	69	6	5.6	
SM4E450	450	230	1.20	260	1350	4260	2521	73	6	7.2	
SM4E500	500	230	2.10	450	1350	5920	3503	68	12	9.3	
SM4E550	550	230	2.80	600	1350	7080	4189	77	12	10.5	
SM4E600	600	230	3.50	700	1400	8040	4757	77	12	10.5	
SM4E630	630	230	4.50	900	1300	9500	5621	78	12	14.2	
SM4D300	300	380	0.30	80	1380	1025	607	60	-	3.3	3 Phase
SM4D350	350	380	0.45	150	1380	2050	1213	64	-	4.8	
SM4D400	400	380	0.60	200	1380	3470	2053	68	-	5.6	
SM4D450	450	380	0.55	250	1360	4260	2521	68	-	7.2	
SM4D500	500	380	0.95	450	1320	5800	3432	68	-	9.3	
SM4D550	550	380	1.20	600	1350	6800	4024	75	-	10.5	
SM4D600	600	380	1.45	750	1350	7750	4586	76	-	10.5	
SM4D630	630	380	1.80	800	1300	9300	5503	78	-	14.2	
SM6E400	400	230	0.55	120	950	2370	1402	56	3	5.6	One Phase Low Speed
SM6E450	450	230	0.60	130	920	2920	1728	60	4	7.2	
SM6E500	500	230	0.80	175	950	3800	2249	52	6	9.3	
SM6E550	550	230	1.00	210	900	5000	2959	68	6	10.5	
SM6E600	600	230	1.50	320	900	5320	3148	70	10	10.5	
SM6E630	630	230	1.80	350	900	6300	3728	70	10	14.2	
SM6D550	550	380	1.10	310	950	5160	3053	69	-	10.5	3 Phase Low Speed
SM6D600	600	380	1.20	350	900	5320	3148	70	-	10.5	
SM6D630	630	380	1.30	400	900	6500	3846	70	-	14.2	
SM6D710	710	380	1.60	750	900	8800	5207	75	-	18	

§ For Blowing Fan, add BL to the P/N, for example: SM4E400-BL, For flat net, replace the E with F

§ Same Spec. for Suction & Blowing Fan. IP54, Class F, T.F.135°C, -30°/+55°C, CE



a	b	c	d	g	h	i
250	92	75.5	18	70	7	330
300	92	85.5	24	80	7	360
350	102	110.5	47.5	80	9	422
400	102	122.5	28	90	9	470
450	102	135.5	47	90	10	522
500	138	137.5	36	90	10.5	570
550	138	151	50	90	10.5	632
600	138	165	24	95	10.5	695
630	138	105	14	95	10.5	735
700	146	165	15	108	12	795

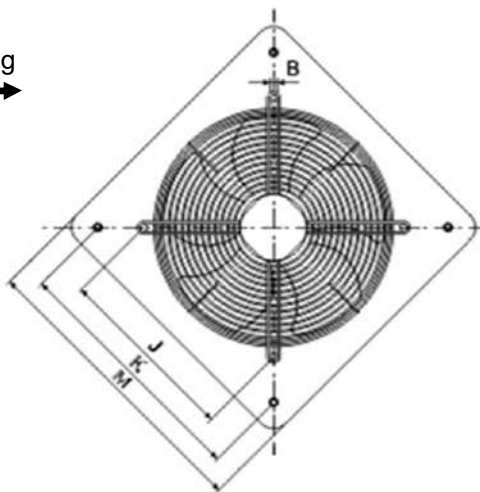
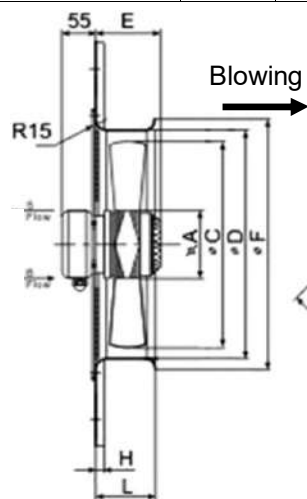
Axial Fan Motors with Square plate

Blowing Fan Motor P/N including plate	Fan Ø mm	Volts V	Current A	Input W	Speed Rpm	Air Volume M³/h CFM		Noise db	Cap. Mfd	Weight Kg	Note
SM4E-250S BL	250	230	0.24	54	1380	800	533	52	2	4.5	One Phase Blowing
SM4E-300S BL	300	230	0.38	78	1380	1450	970	58	3	7	
SM4E-350S BL	350	230	0.55	125	1360	2400	1213	56	4	8.3	
SM4E-400S BL	400	230	0.90	200	1360	3200	2030	60	6	9.5	
SM4E-450S BL	450	230	1.25	268	1380	4650	2521	65	8	13.3	
SM4E-500S BL	500	230	1.92	410	1380	6400	3503	68	15	16.4	
SM4E-550S BL	550	230	3.00	640	1350	7200	4189	70	20	18.1	
SM4E-600S BL	600	230	3.80	850	1360	10600	4757	72	20	19.8	
SM6E-630S BL	630	230	4.65	1020	1260	11000	6470	74	20	23.8	
SM6E-450S BL	450	230	0.50	120	920	3400	2001	52	4	13.3	1Phase Low Speed
SM6E-500S BL	500	230	1.15	250	880	4200	2472	52	10	16.4	
SM4D-400S BL	400	380	0.48	200	1380	3250	1913	62	-	9.5	3 Phase Blowing
SM4D-450S BL	450	380	0.72	252	1380	4650	2737	65	-	13.3	
SM4D-500S BL	500	380	0.88	390	1380	6400	3767	68	-	16.4	

§ For Suction Fan remove the BL from the P/N, for example: SM4E400S

§ Same Spec. for Suction & Blowing. IP54, Class F, T.F.135°C, -30°/+55°C, 

P/N of Plate	A	B	C	D	E	F	H	L	J	K	M	P/N of Grid
SMSF300S	92	9	300	315	91	325	12	106	235	340	370	AXIALGRID30
SMSF350S	102	9	350	365	121.5	375	12	136.5	280	370	420	AXIALGRID35
SMSF400S	102	9	400	415	130	425	12	140.5	315	420	470	AXIALGRID40
SMSF450S	102	9	450	465	143	475	12	152.5	350	470	520	AXIALGRID45
SMSF500S	138	9	500	515	141	525	12	153	385	520	570	AXIALGRID50
SMSF550S	138	9	550	565	154	575	12	167	420	570	620	AXIALGRID55
SMSF600S	138	9	600	615	171	625	12	185	460	620	670	AXIALGRID60
SMSF630S	138	9	630	650	171	668	15	185	525	650	705	AXIALGRID63

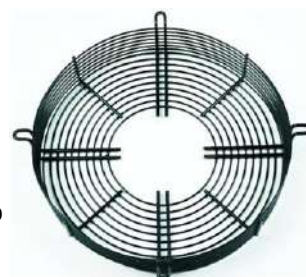


P/N of Grid	A
AXIALGRID30	300
AXIALGRID35	350
AXIALGRID40	400
AXIALGRID45	450
AXIALGRID50	500
AXIALGRID55	550
AXIALGRID60	600
AXIALGRID63	630

Additional protection dip grid to cover the other plate side
After bending the 4 connecting spots

Grille de protection supplémentaire pour recouvrir l'autre côté
de la plaque Après pliage des 4 points de raccordement

Rejilla de inmersión de protección adicional para cubrir el otro
lado de la placa Después de doblar los 4 puntos de conexión



Booster de Gaine		Duct Boosters	Ventiladores para conductos	
DB6220				
6" diam, 1950 rpm / 250 Cfm		6" dia. 1950 rpm / 250 Cfm		
DB8220				
8" diam, 1750 rpm / 500 Cfm		8" dia. 1750 rpm / 500 Cfm	8 plug., 1750 rpm / 500 Cfm	
DB10220				
10" diam, 1300 rpm / 650 Cfm		10" dia. 1300 rpm / 650 Cfm		
10" plug., 1300 rpm / 650 Cfm		10 plug., 1300 rpm / 650 Cfm		
P/N	Lower Condensing Motor for GE		P/N	Condenser Fan Motor 230V
YZYJ2	Motor 2W, 230V		YZF51326	Motor 5W
YZYJ4	Motor 4W, 230V		YZF102026	Motor 10W
YZYJ6	Motor 6W, 230V		YZF162526	Motor 16W
			YZF254026	Motor 25W
			YZF344526	Motor 34W
			Screws wide: 18 and 26 mm.	
Moteurs de ventilateurs		Fan Motors	Motores de ventilador	
Code / Part Number		Moteurs d'évaporateurs remplacement conforme à l'original Exact		
Número de pieza		Replacement & Utility Motor Kits		
		Kits para motores de ventilador y de reemplazo según el original		
SM670				
Hélices Incluses, 120V		Fan Blades included, 120V		
SM672				
Hélices Incluses, 230V		Fan Blades included, 230V	Paletas incluidas, 230V	
SM673				
Hélices incluses, 120V, 2 vitesses 3000/1550		Fan Blades included, 120V, 2 speeds 3000/1550RPM		
SM675				
120V Noir et Blanc / 230V Noir et Rouge		For 120V connect Black & White / 230V Black & Red	120V Blanco y Negro / 230V Negro y Rojo	
SM998				
Moteur Universel pour Evaporateurs, axe 1/8" 220V		Universal evaporator Fan Motor Kit, 1/8" shaft - 220V		
SM999				
Moteur Universel pour Evaporateurs, axe 1/8" 120V		Universal evaporator Fan Motor Kit, 1/8" shaft - 120V	Kit de motor evaporador universal, eje 1/8" plug, 120V	
Hélices Plastique		Plastic fan blade	Paleta de ventilador de plástico	
Code / Part Number	Diameter	Shaft	Blades	Rotation /
Número de pieza	Diamètre / Diámetro	Axe / Eje	Hélices / Paletas	Rotación
SM321FB401	4"	1/8"	5	Suction
SM321FB402	4"	3/16"	5	Suction
FB403	4"	1/8"	5	Blow
FB450	4.5"	1/8"	5	Blow
SMFB137J	5"	3/16"	4	Blow
FB455	5 9/16"	3/16"	5	Blow
FB550	5.5"	3/16"	4	Blow
SM321FB650	6.5"	3/16"	5	Suction
Hélices Aluminium		Aluminum fan blade	Paleta de ventilador de aluminio	
Code / Part Number	Diameter	Pitch	Blades	Rotation /
Número de pieza	Diamètre / Diámetro		Hélices / Paletas	Rotación
FB101	6"	30°	5	Suction
FB103	7"	20°	5	Blow
FB105	8"	20°	5	Blow
FB108	10"	29°	5	Blow

La Colle et à Souder	Glue & Soldering	Pegamento y Soldadura
HS10001 <i>Pâte à base de résine assurant l'étanchéité des raccords filetés métal & plastique. Réfrigérants CFC / HFC & HCFC – Temp. D'utilisation de -93° à +204°C Etanchéité permanente garantie</i>	LEAK-LOCK <i>A resin based soft setting brushable paste pipe for joining all metals and plastics fittings. Temp range -93° to +204°C. Permanent Seal guaranteed.</i>	<i>Pasta blanda unttable a base de resina para pegar para sellado de accesorios metálicos y de plástico. Margen de temperaturas de -93° a +204°C. Sellado permanente garantizado.</i>
HS11001 <i>Identique à la Leak Lock mais contenant du Téflon pour des caractéristiques étendues.</i>	LEAK-LOCK GOLD <i>Same as Leak Lock but with Teflon inside for higher efficiency.</i>	<i>Similar al Leak Lock, pero con contenido de Teflón, para mayor eficacia.</i>
HS12001 <i>Pâtes Epoxy – change de couleur (dorée) lors du séchage. Résistance à la traction (6000 PSI) Résistance à la pression (3000 PSI) – Utilisable sur tous les métaux et plastiques durs.</i>	RED EPOXY <i>Epoxy paste. Changes colors when cured (turn gold) Tensile strength (6000 PSI) Working Pressure (3000 PSI) – Use on all metals and rigid plastics. 70 gr.</i>	Pasta epoxi. <i>Cambia de color al secarse (se vuelve dorado). Resistente a la tracción (6000 PSI). Presión de trabajo (3000 PSI). Utilizable con todo tipo de metal y plástico rígido.</i>
HS13001 <i>Résistant à tout usage Bande de verrouillage Empêche le détachement des écrous, vis, raccordages etc.</i>	THREADLOCKER <i>All purpose heavy duty Locking bond Prevents loosening of Nuts, Bolts, Fittings etc. 14.8 ml.</i>	<i>Adhesivo de cierre multiuso para servicio pesado Evita el aflojamiento de tuercas, pernos, acoples, etc.</i>
HS30004 – 114gr HS30016 – 454gr <i>Flux à braser non-acide. Qualité industrielle, basse et haute température, brasage tendre, efficace sur tous les métaux sauf l'aluminium et le magnésium.</i>	SOLDERLENE <i>Non-Acid Soldering Flux. Industrial Strength, Low and Mid temperature, Soft Solders, Effective on all metals except aluminum and magnesium.</i>	<i>Fundente no ácido para soldar. Calidad industrial, temperaturas medias y bajas, soldaduras blandas, efectivo con todos los metales excepto aluminio y magnesio.</i>
HS32098 – 50 gr HVAC SUPER PRO <i>Keep your torch in your truck with this money and time saver! HVAC Super Pro is the perfect solution for bonding copper, aluminum and brass.</i> <i>Set Up Time: 20sec. to 3min. fully Curing Time: 2 hours Shelf life: 12 months after open Temp. Range: -54°C to 176°C</i>	Bonding Copper, Aluminum and Brass • Non-toxic • Vibration tested for HVAC & Refrigeration applications • Formulated to exceed the requirements for R-410A refrigerant & POE oil • Compatible with ALL refrigerants • Bonds dissimilar metals • Ideal for bonding copper, aluminum and brass in any combination	
HS32032 <i>A space-age bonding system that seals holes, cracks and leaks. The right patch for leaks in all HVAC/R tubing and equipment. No toolbox is complete without it. Temp. Range: -51°C to 93°C Pressure Range: 350PSI Max</i>	HVAC/R INSTANT PATCH A + B + A • for copper, aluminum, steel & PVC • Non-toxic • Should only be used on the low pressure side of systems • Safe to use with all refrigerants • Repairs in a minute	



Scan for a product demonstration



Scan for a product demonstration

De l'acide	Acid	El ácido
------------	------	----------

HS16001

Test d'acidité de l'huile des circuits frigorifiques. Simple d'utilisation, économique, biodégradable, ininflammable et utilisable avec tous les types d'huiles et de fluides frigorifères. Bleu ou Violet : Pas d'acide en présence – Vert : modérément acide – Jaune : Acide

ACID TEST

For detecting the presence and formation of acid in air conditioning and refrigeration systems. Friendly use, economic, biodegradable, non flammable, for use with any refrigerant. Blue or violet: No acid present – Green: moderately acidic – Yellow: Acidic

Para detectar la presencia y la formación de ácidos en sistemas de aire acondicionado y de refrigeración. Fácil de usar, económico, biodegradable, no inflamable, se puede utilizar con cualquier tipo de refrigerante. Azul o violeta: sin presencia de ácido. Verde: Moderadamente ácido. Amarillo: ácido



HS18004 – 118 ml.

La cure pour les problèmes d'acidité et lorsqu'un compresseur grille. Simple d'utilisation, action rapide et n'affectant pas les composants du système. Pas de résidus solides – compatible avec tous types d'huiles et de réfrigérants.

ACID NEUTRALIZER

The cure for acid problems when compressors burnout. Easy to use, fast action, does not harm system components. No solids or solid residuals. Compatible with ALL lubricants and refrigerants. 118 ml.

El remedio para problemas con ácidos al quemarse compresores. Fácil de usar, de rápida acción, no daña los componentes del sistema. Sin residuos sólidos o no sólidos. Compatible con todo tipo de lubricante y refrigerante.



HS18002 – 59 ml. of ACID NEUTRALIZER in

1 Container with 1 hose 1/4", 30cm include ball valve.

HS18022 – 118 ml. of ACID NEUTRALIZER in

2 Containers, 59 ml each.

The Best ACID Treatment Available Now is this: Introducing the liquid into the system low side ... To prevent, Use 1 part of neutralizer for every 64 parts of oil in the compressor In moderately acidic use ratio of 1/48 After compressor burnout, use ratio of 1/24



HS17001 – 30 ml.

THAWZONE

HS17004 – 118 ml.

Liquide neutralisant les acides, l'humidité, les boues et les cires dans les systèmes de réfrigération. Sèche chimiquement les réfrigérants CFC, HFC & HCFC. Biodégradable.

Liquid dehydrant that frees your frozen system. It seeks out moisture and chemically bonds to it. Biodegradable.

Líquido deshidratante que elimina el hielo del sistema de refrigeración. Busca la humedad y se une químicamente a ella y es biodegradable.



HS17002 – 59 ml. of THAWZONE in 1 Container

with 1 hose 1/4", 30cm include ball valve.

HS17022 – 118 ml. of THAWZONE in

2 Containers, 59 ml each.

Frees a Frozen System in Minutes with this: Introducing the liquid into the system low side... Use 8.3ml of THAWZONE for every 1kg of refrigerant in the system. 1 container (59ml) is suitable for systems with 7kg of refrigerant.



Détecteurs de Fuites

HS21004 – 118 ml.

HS21016 – 475 ml.

Trace 2 est un détecteur de fuite à base polyol ester (POE) qui laisse une tâche de couleur rouge pour signaler les fuites des systèmes de réfrigérations. Compatible avec tous les types de réfrigérants. Fluorescent avec lampe U.V.

HS20004 – 118 ml.

Identique à Trace 2 – Base huile minérale.

HS21002 – 59 ml. of TRACE 2 in 1 Container with 1 hose 1/4", 30cm include ball valve.

HS21022 – 118 ml. of TRACE 2 in 2 Containers of 59 ml each.

Works under all conditions:

- Bright Red under normal light.

- Bright Purplish Blue under UV light.

Charg the liquid into the system low side...,

1 container (59ml) is suitable for Refrigeration Systems 1 to 6 Tons.

Leak Detectors

TRACE 2

Trace 2 is polyolester based, used to locate the hardest to find leaks by leaving a bright red stain. For all refrigerants and hydraulic systems. Fluorescent with any U.V. source.

TRACE

Same as TRACE 2 – Mineral Oil Based

Detectors de Fugas

Trace 2 es un material basado en poliolester, que deja una mancha roja brillante que facilita la detección de fugas de difícil localización. Para todos los sistemas de refrigeración y sistemas hidráulicos. Fluorescente con cualquier fuente de luz ultravioleta.

Lo mismo que arriba: basado en aceite mineral



HS22008 – 236 ml.

Détecteur de fuites de gaz non dangereux et ne contenant pas d'éthylène glycol. Détecteur de fuites à bulles, de consistance visqueuse et fluorescente qui ne gèle pas. Il peut être utilisé sur des substances chaudes ou froides. La fuite de gaz est signalée par l'apparition de bulles qui deviennent fluorescente dans l'obscurité. Ce produit peut être utilisé en présence de n'importe quel type de gaz ou de réfrigérants, ammoniac, SO2, Etc

GAS LEAK DETECTOR

Low & Mid Temp. Leaks appear as large strong bubbles which cling to the surface and are fluorescent under a black light. Non-freezing – Non toxic – Non Hazardous – Hot & cold piping – Most gas and all refrigerants.

Detector de fugas de gas (temp. baja y media) Las fugas aparecen como burbujas de gran tamaño que se adhieren a la superficie y que son fluorescentes en la oscuridad. No se congela, no es tóxico ni peligroso. Para tuberías frías y calientes y para la mayoría de los tipos de gas y todo tipo de refrigerante.



Détecteurs de Fuites et réparation

HS60002 – 59 ml. of R3 in 1 Container with 1 hose 1/4", 30cm include ball valve.

HS60022 – 118 ml of R3 in 2 Containers of 59ml each

Seal Existing Leaks in Condensers, Evaporators, Hoses, Gaskets & O-Rings • Prevent Future Leaks

- Renew O-Ring and Seal Elasticity, Polymer-free,
- Lubricate Moving Metal Parts, Compatible with all refrigeration lubricants. Tested to be non-clogging to the A/C compressor and recovery equipment. Permanent fix for Refrigeration systems. 1 container (59ml) is suitable for refrigeration systems 1- 6 tons.

Leak Detectors and Repair

Detectors de Fugas y Reparación



Nettoyeurs	Cleaners	Limpiadores
HS50004 – 130 ml. Poudre nettoiyante pour machine à glaçons. Empêche la corrosion – pas de résidu acide. Sûre Nickel.	ICE MAX Ice machine cleaner in powder. Prevents corrosion – No acidic residue, Nickel safe.	Producto de limpieza en polvo para máquinas de cubitos de hielo. Evita la corrosión. Sin residuos ácidos, Nickel seguro
HS55032 – 947 ml. Neutralise les acides d'un circuit frigorifiques causés par une surchauffe du compresseur. Bio dégradable, compatible avec tous types de réfrigérants, ininflammable, ne contient solvants halogénés.	SUPER FLUSH Super Flush AC/R Internal System Cleaner Neutralizes and removed acid caused by compressor burnout. Biodegradable – Compatible with all refrigerants, Non flammable. Does not contain Halogenated solvents.	Limpiador de sistema interno para refrigeradores y aire acondicionado Neutraliza y elimina ácidos producidos por el recalentamiento de compresores. Biodegradable, compatible con todo tipo de refrigerante, no inflamable. No contiene solventes halogenados.
HS56008 – 460gr Puissante poudre de nettoyage de bobines, sans odeur, utilisation et nettoyage faciles, sans résidu acide.	COIL MAX Powerful Powder Coil Cleaner, odorless, Easy to use and Clean, No Acidic Residue.	Poderoso polvo limpiador de serpentinas, inodoro, fácil de usar y limpiar, sin residuos ácidos.
HS57014 – 400gr Usage intensif, à base d'acide, puissante poudre de nettoyage de bobines, avec action moussante contrôlée. Utilisation et nettoyage faciles.	COIL BRITE Heavy Duty, Acid Based, Powerful Powder Coil Cleaner, With Controlled Foaming Action, Easy to use and Clean.	Alto rendimiento, con base ácida, poderoso polvo limpiador de serpentinas, con acción de espuma controlada, fácil de usar y limpiar.
HS58128 – 3.78 Liters HS58520 – 510 grams Concentré liquide de mousse nettoiyante pour batteries à base acide. Ininflammable – Biodégradable.	PINK STUFF – PINK STUFF – Acid based concentrated liquid coil cleaner foaming. Non flammable – biodegradable.	Liquid Spray Concentrado líquido de espuma de limpieza de base ácida para bobinas. No inflamable, biodegradable.
HS59128 – 3.78 Liters HS59520 – 539 grams Liquide nettoiyant pour batteries à base alcaline. Inflammable. Biodégradable.	GREEN STUFF – GREEN STUFF – Concentrated alkaline based liquid coil cleaner. Non flammable – Biodegradable	Liquid Spray Concentrado líquido de limpieza de base alcalina para bobinas. No inflamable, biodegradable.
HS31032 - Heat Shield Gel		
Heat shield all - temperatue barrier spray. Prevents heat damage to nearby components during soldering, brazing or welding. 948 grams.	- Protects heat-sensitive components - Prevents heat damage with: - no drip - non toxic - no clean up - non staining - non corrosive	- Evaporates within 24 to 48 hours - For use on all surfaces, including: - wood - piping - insulation - drywall - valves



Exterminateurs Bactéries	Bacteria Exterminators	Bacterias Exterminadores	
CLEANAIR Spray pour l'air conditionné – Élimine bactéries et moisissures en laissant un agréable parfum.	Air conditioner Spray – kills bacteria and mold.. Leaves a pleasant smell. + CDC Anti- clog + 2 Slimout tablets	Spray para el aire acondicionado. Elimina bacterias y moho. Deja un aroma agradable.	
HS52105 / HS52115 Il a été constaté que dans 99% des cas, ce détergent tue la bactérie responsable de la légionellose et qu'il est également efficace pour combattre un large éventail de bactéries dont celles généralement responsables des infections respiratoires. Grâce à ses composants neutralisants le pH, le lavage n'attaque pas les parties métalliques du système.	CDC Anti-Clog Laboratory proven to kill 99% of Legionnaire's disease bacteria and a broad spectrum of harmful bacteria including those causing the common cold and other respiratory ailments. pH neutralizers help protect drain pan against corrosion.	En ensayos de laboratorio se ha demostrado que en el 99% de los casos mata la bacteria que causa la enfermedad del legionario o legionelosis. Es también eficaz para combatir una vasta gama de bacterias entre las cuales, las que causan el resfriado común y otras enfermedades de las vías respiratorias. Componentes neutralizadores de pH ayudan a proteger el depósito de drenaje contra la corrosión.	
SO100 - 100 Pcs ST200 - 200 Pcs Tablettes Slimout® empêchant la formation de bouchons dans les bacs et évacuations des condensas.	SLIME-OUT Slimout® tablets prevent plugging of the air conditioning condensate drip pans and drain lines.	Las tabletas Slimout® impiden el tamponamiento de las bandejas de goteo de condensación y de tuberías de desagüe del sistema de aire acondicionado.	
HSINJ001 (Aluminum) HSINJ002 (Plastic) Recommandé dans l'utilisation des produits Trace, Thawzone et Acid Neutralizer. Permet leur introduction dans tous systèmes hermétiques.	SYSTEM INJECTOR Recommended to be used on any products like Trace, Thawzone & Acid Neutralizer Allow their introduction in any hermetic system.	Aluminum - 14.8 ml. Plastic – 59 ml. Recomendado para utilizar en cualquier tipo de producto como Trace, Thawzone y Acid Neutralizer. Permite su introducción en cualquier sistema hermético	
De pétrole	Oil	El Petróleo	
S8 – 1/4 Liter Additif d'huile pour moteur, un "must" dans les programmes de maintenance de réparation et de prévention. Préviend l'usure excessive des moteurs et des compresseurs, prolonge la vie de tous les types de moteur, compatible avec toutes les huiles de réfrigération.	SUPCO88 Motors Oil Additive, a "Must Use" in repair and preventative maintenance programs. Prevents excess wear in Motors and Compressors, Extend the life of all motors, Compatible with all Refrigeration oils, Dissolves sludges.	Aditivo para aceites de motores, de "uso imprescindible" en los programas de reparación y mantenimiento preventivo. Previene el exceso de desgaste en motores y compresores, extiende la vida útil de todos los motores, compatible con todos los aceites refrigerante.	
MO98 – 118 ml. Lubrifiant à base paraffine	ZOOM SPOUT A paraffin based high quality lubricating oil. 118 ml.	Aceite lubricante basado en parafina, de alta calidad.	
HS16501 Analyse en deux étapes et quelques secondes le type d'huile utilisée dans votre système.	OIL CHECKER To check the type of refrigeration oils within seconds in two quick steps	Para comprobar en segundos el tipo de aceites refrigerantes, en dos fases rápidas	



SWHB1

HOT BLOCK

Hot Block was developed to completely stop the transfer of Heat up to 1650°C (3000°F). Very effective when brazing on copper or brass and works as a heat shield when protecting valves and fittings. 450 gr' TUB



SWMFRB

FLAME RESISTANT BLANKET

The SolderWeld Magnetic Flame-Resistant Blanket contains firm grip magnets, grommets, and opening slit, so it can be easily snapped into place and removed during your repair. The flame-Resistant Blanket was designed to accommodate complex spaces. 45 x 45 cm.



WLB1

Lithium grease.

Multi-purpose for automotive marine, shop, farm & home use. -18/+168°C, 35 gr'



APPLIANCE PARTS



THE INDUSTRY'S NUMBER ONE CHOICE
FOR REPLACEMENT APPLIANCE PARTS.

Programmateur de dégivrage pour la réfrigération	Refrigeration Defrost Timers	Temporizadores de descongelamiento para refrigeración	
<i>Codes Produits Product Codes Códigos de productos</i>	<i>Refroidissement Cooling / Hrs Enfriamiento / Hrs</i>	<i>Décongeler / min Defrost / min Descongelar / min</i>	<i>Tension Voltage Voltaje</i>
T140102	6	25	230V
TC140102	6	25	230V
SPG140121	6	25	230V
SPG140121C	6	25	230V
SPB1401F21	8	20	230V
SPG1401GE	6	25	120V
SPN111121	6	25	230V
SPG1111GE	6	25	110V
SPN1111AD	6	21	110V
PSN6H25M <i>Programmateur de dégivrage automatique – Type Sankion – 6 Heures / 25 min dégivrage. 230V</i>	<i>Refrigeration defrost timer Sankyco type 6 hours cooling – 25 min Defrost. 230V</i>	<i>Temporizador de descongelamiento para refrigeración, tipo Sankyco 6 horas de enfriamiento, 25 minutos para descongelar, 230V</i>	
EDT21 (230V, 20A, 3/4 HP) <i>Programmateur Electronique à dégivrage variable Fréquence: de 4 à 12 heures Temps de dégivrage : de 10 à 35min</i>	<i>Electronic Adjustable Defrost Timer. from 4 to 12 Hrs Defrost time : from 10 to 35 min</i>	<i>Temporizador de descongelamiento electrónico regulable. Frecuencia: De 4 a 12 h. Tiempo de descongelamiento: 10 - 35 min.</i>	
UET240 (240V, 5A, 1/2 HP) <i>Remplace plus de 2500 références. Temporisation de dégivrage ajustable. Fréquence de 4 à 12 heures / temps de dégivrage de 10 à 35 min.</i>	<i>Replaces over 2500 original part numbers. Electronic Adjustable Defrost Timer Cooling 4 thru. 12 Hrs. Defrost 10 thru 35 min.</i>	<i>Reemplaza más de 2500 números de pieza originales. Temporizador de descongelamiento electrónico regulable. Enfriamiento: de 4 a 12 horas. Descongelamiento: de 10 a 35 minutos</i>	
Kit Machine à Glaçons	Ice Maker kits	Kits de máquinas de cubitos	



RIM900 - 115V
RIM900E - 230V

Designed to replace
Whirlpool®, Amana®, Maytag®,



RIM943 - 115V
RIM943E - 230V

Replace WP4317943

Designed to replace Kenmore®, made by Whirlpool®.
Universal modular replacement.
Will replace most modular icemakers if you use your old wiring harness. Also used in KitchenAid®, Roper®, and Sub-Zero®.



RIM300 - 115V
RIM300E - 230V

Designed to replace
GE®, Hotpoint®, Haier®



Horloge Mécanique de dégivrage

Jusqu'à 6 opérations par jour pour des cycles allant de 4 à 110 minutes. Contacts:

NO (Ouvert)
NC (Fermé)

Code
Part Number
Número de pieza

Volt
Voltage
Voltaje

Mechanical Defrost Control

Adjustable defrost frequency up to 6 times per day from 4 to 110 minutes duration. Switching:

NO (Normally Open)
NC (Normally Closed)

Base temps départ ou arrêt
Time initiated or time terminated
Inicio o terminación basado en tiempo

Control mecánico de descongelamiento

Frecuencia de descongelamiento regulable hasta seis veces por día, duración de 4 a 110 minutos. Conmutador:

NO (normalmente abierto)
NC (normalmente cerrado)

Contacts
Switching
Conmutador

S804120	240, 60Hz	Oui / Yes / Sí	1 NO / 2 NC
S804520	240, 60Hz	Oui / Yes / Sí	1 NO / 1 NC
S814120	240, 60Hz	Non / No / No	1 NO / 2 NC
S814520*	240, 60Hz	Non / No / No	1 NO / 1 NC
S814521	240, 50Hz	Non / No / No	1 NO / 1 NC

M814520 240, 60Hz * Exact Replacemant Mechanism for S814520 & Paragon® 8145-20



Wall Thermostat Gards a complete line of metal and plastic thermostat guards

Metal Thermostat Guards

- 18-22 Gauge Steel
- Baked Enamel Finish
- Louvered Cover

Plastic Thermostat Guards

- Hi-impact Plastic
- Clear
- Opaque

All Models

- Locking Key
- Mounting Hardware
- Vertical or Horizontal Mounting

PART NO.	Series	DESCRIPTION	INSIDE DIMENSIONS Solid Base (H x W x D)	INSIDE DIMENSIONS Ring Base (H x W x D)
BTGEK	Elite	Clear Plastic	3 7/8" x 3 1/2" x 2 1/2"	-
BTGUK2	Universal	Clear Plastic	8 1/4" x 5 3/8" x 3 1/2"	8 1/8" x 4 5/8" x 3-5/8"
BTGUO2	Universal	Opaque Plastic	8 1/4" x 5 3/8" x 3 1/2"	8 1/8" x 4 5/8" x 3-5/8"
BTGUM	Universal	Metal	8 1/4" x 5 3/8" x 3 1/2"	-
BTGUWM	Universal	Metal	-	6 3/4" x 4 1/2" x 3 9/16"
BTGK	Classic	Clear Plastic	5 1/4" x 4 3/8" x 3"	5 1/4" x 4 5/8" x 3 1/4"
BTGRK	Regal	Clear Plastic	6 3/8" x 3 1/2" x 3"	6 3/8" x 3 1/2" x 3 1/4"
BTGRWM	Regal	Metal		6 3/8" x 3 1/2" x 3 1/4"
BTG54VL	Sentinal	Metal Hinged	6 1/4" x 4 1/4" x 3 1/8"	-
BTG54VLW	Sentinal	Metal Hinged	-	6" x 3 3/4" x 3 1/8"
BTGUN		Clear Plastic	18.5 x13.3 x4.6 cm	-
F336		Replacement Key Fits All Models		



Thermostats		Thermostats	Termostatos
Thermostats unipolaire à contact simple – 25 amps. Ouverture du contact par élévation de la température et fermeture à la baisse.		SPST 25 Amps Contact will open on Temp Rise and close on Temp fall.	Interrupción unipolar de una sola dirección (SPST). El contacto de 25 amperios se abre al subir la temperatura y se cierra al bajar.
Code / Part Number Número de pieza		Ouverture / Open / Apertura	Fermeture / Close / Cierre
ML45		7°C	-4°C
ML50		10°C	-1°C
ML55		13°C	2°C
ML60		16°C	4°C
ML70		21°C	10°C
ML80		27°C	-1°C
ML90		32°C	2°C
ML55B (+mounting clip)		13°C	2°C
ML70B (+mounting clip)		21°C	10°C
L125 10		52°C	46°C
L135 15	LD135	57°C	49°C
L140 20	LD140	60°C	49°C
L145 20	LD145	63°C	52°C
L150 20		66°C	54°C
L170 20		66°C	77°C
L155 20	LD155	68°C	57°C
L180 20		82°C	71°C
L180 40		82°C	60°C
L200 40		93°C	71°C
L205 40		96°C	74°C
L225 40	LD225	107°C	85°C
L240 40		116°C	93°C
L270 40		132°C	110°C
L290 40		143°C	121°C
L320 40		160°C	138°C
Thermostats		Thermostats	Termostatos
SC1002		Multi purpose Domestic Refrigeration Thermostat for cooling cabinet or Freezer. -21° to +5°C	Termostato multiuso de refrigeradores domésticos para la cámara de enfriamiento y el congelador. -21° a +5°C
F2000		Multi purpose Domestic Refrigeration Thermostat for cooling cabinet, Freezer or Heating equipment capillary 175 cm, -30° to +30°C	



L Series SPST



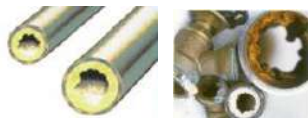
LD Series SPDT



Adoucisseur d'eau Elimine le calcaire dans les canalisations **Water Guard Lime stone removal "Water Softner"** **Ablandador de agua Water Guard: elimina depósitos calcáreos**

WG2

Without Water Guard



+



=

With Water Guard



SUPCO, The industry Trusted Choice for replacement appliance parts

EXPANSION



Since 2017, we've grown our appliance parts selection by 36%. Supco is committed to sustained investment in this market in order to better provide you with alternative options to OEM purchases.

VALUE



We believe in simple, fair pricing tiers. We make every effort to stay aligned to competitive markets by constantly and carefully monitoring material costs, manufacturing costs and pricing trends in order to provide you with the best value for your dollar.



SERVICE

Service is at the heart of what we do. We value our customer relationships by providing the responsiveness and the flexibility you deserve. This includes a 1-year warranty on all of our appliance replacement parts and flexible return options.



QUALITY CONTROL

We take quality seriously. We oversee both our engineering and manufacturing processes and quality control our appliance parts with rigorous comparative testing for precise fits and finishes, making our products the best possible alternative to the OEM.



SELECTION

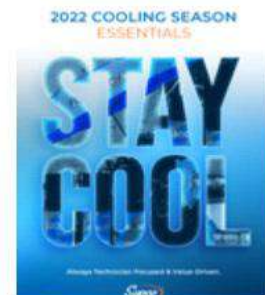
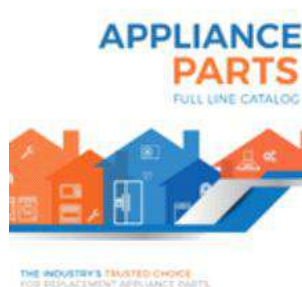
Our varied selection of parts includes Supco manufactured replacement parts, original parts manufacturer (OPM) parts and those that we master distribute. All come with our promise to perform.

When it comes to replacement parts, our philosophy is to make buying choice easy.

Our Promise:

In expansive selection of innovative, OEM-alternative Products Trusted engineering and quality control practices Flexible, dependable service.

For more information on our Appliance parts line: Download SUPCO International's website www.supco-int.com The catalogs below



For more information Pls. Contact
Info@supco.co.il
Leah@supco.co.il
[+972-9-7945806](tel:+972-9-7945806)

**COUNT ON SUPCO TO
BE THE RIGHT CHOICE.**



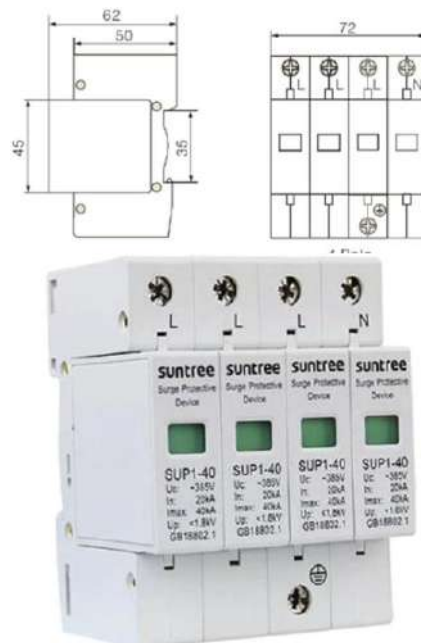
Three Phase Surge Protector

Home protection – Appliances - Electronic equipment – Other electrical apparatus

- Installed on the electric box – on DIN Rail
- Dual protection, voltage & current surges
- Routes the power surges to the ground
- Fast replacement of protection Module no tools needed

	SUP1404P275	SUP1)275
Phases	3 Phases	Single phase
Protection Level B,C,D Grade	C	
Rated Operating Voltage Un(V~)	220/380v	220V
Maximum Continuous Operating Voltage Uc (V~)	275vac	
Voltage Protection Level Up(V~) kV	1.3	
Nominal Discharge Current In(8/20ns)kA	10	
Maximum Discharge Current Imax(8/20ns)kA	20	
Response time(ns)	25	
Operating Environment (centigrade)	-40°C~+85°C	
Test Standard	IEC61643.1-31 GB18802.1	
Protection Poles	3 Phases and 1 Neutral = 4	1 Pole
Max Connection Line	35mm2 solid wire/35mm2 stranded wire	
Recommended Connection Line	16mm2 solid wire/25mm2 stranded wire	
Installation	Standard DIN Rail 35mm	
Enclosure Material	fire-proof Nylon	

SUP1P275 – 1 Phase replacement module



Professional Surge Protector (PIP 230G)

Protects From: Voltage interruptions & Power surges

Recommend by the power companies

- Yellow Led - Detect whether there is a ground connection to eliminate the surges through and if the Line and Earth are in the right position
- Green Led - Active & constant protection from power surges and power interruptions
- Red Led - 4 minutes delay – actual phase disconnects (16A relay)
Restart delay after power interruptions to allow network to stabilize
Protect & delay in over voltage flickering situations
Protect & delay from motor starting in under voltage situations
Protect & delay when line voltage under 180V

- Operating voltage: 180 - 250VAC
- Switching capacity: IL16A, 3,600 joules/sec.
- Time delay: 3 - 5 Minutes
- Current absorption: 24,000 Amps (without burning)
- Voltage protection level: Up = 1.3kV
- Power consumption: 10 mA
- Safety short test - in 1000 Amps
- Voltage protections: Line-Neutral, Neutral-Ground, Ground-Line
- Uc 250V, Uoc 10kV, Indoor, 2 ports
- SPD, IP2X, Class III, TN, T3
- Operating temperature: -10 / +70°C
- Size: 29x67x117 Cm.



SUPCO - Sealed Unit Parts Co., Inc. – History

Founded in 1945 in the Bronx, NY by two naval engineers, Sealed Unit Parts Co., Inc. (SUPCO) originated as a service company for refrigeration systems. These systems were “sealed”, so that, when service was needed, the repair was done invasively. The desire to overcome this method was the impetus for the development of the patented “Bullet” valve in the 1950’s.

As demand for the “Bullet” valve grew, Supco’s burgeoning manufacturing operation moved to Monmouth County, NJ.

SUPCO set its roots deep in Monmouth County, NJ during the decade of the 1960’s. Another important development during that decade was a patent for utilizing “PTC” components as switches for control devices.

During the 1970’s, the utilization of PTC devices as switches led to the development of “The Original” two wire refrigeration and air conditioning hard starts. “Super Boosts” and “3 N 1” hard starts revolutionized the aftermarket’s method for installing hard starts on air conditioning and refrigeration systems.

The 1980’s brought with it an expansion into the test instrument market, with the addition of simple testing devices for critical parameters in refrigeration and cooling systems. The MFD10 capacitor tester and M500 compressor insulation tester laid the foundation for development of test instruments designed to make service professional’s tasks simple, with reliable results.

SUPCO developed the first electronic vacuum gauge in 1990. The VG60 removed the uncertainty of analog technology for the growing need to measure this key system characteristic. During the latter part of the decade, master distributor partnerships for product lines, such as Therm-O-Disc components, bolstered SUPCO’s position as a key supplier to HVAC and Appliance wholesale distributors.

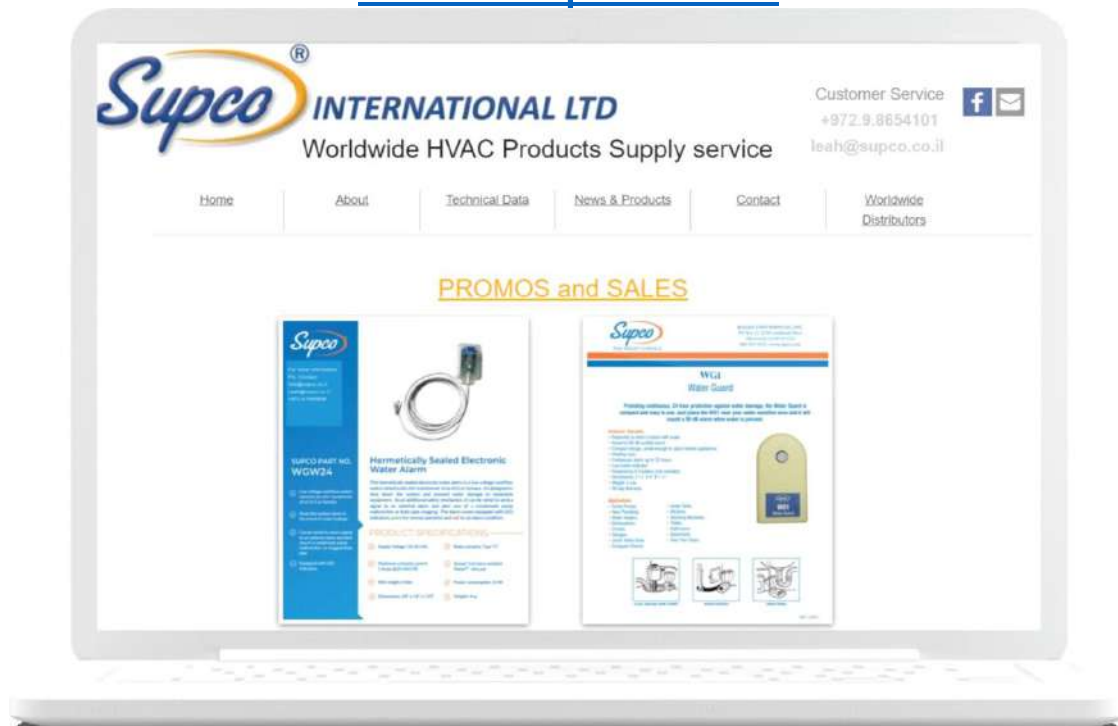
As we entered a new millennium, continued strategic growth resulted in a need to expand existing facilities in NJ, and later, the establishment of manufacturing facilities abroad. Additional product development in hard starts and vacuum gauges was the catalyst for that growth. In 2007, SUPCO acquired Climate Technology Corporation (CTC), adding thermostats to a broadening product line.

Another decade brings continued product line expansion through in-house development, master distributor relationships and acquisition. This strengthens Supco’s position as a leader in the HVAC, Refrigeration and Appliance industries.

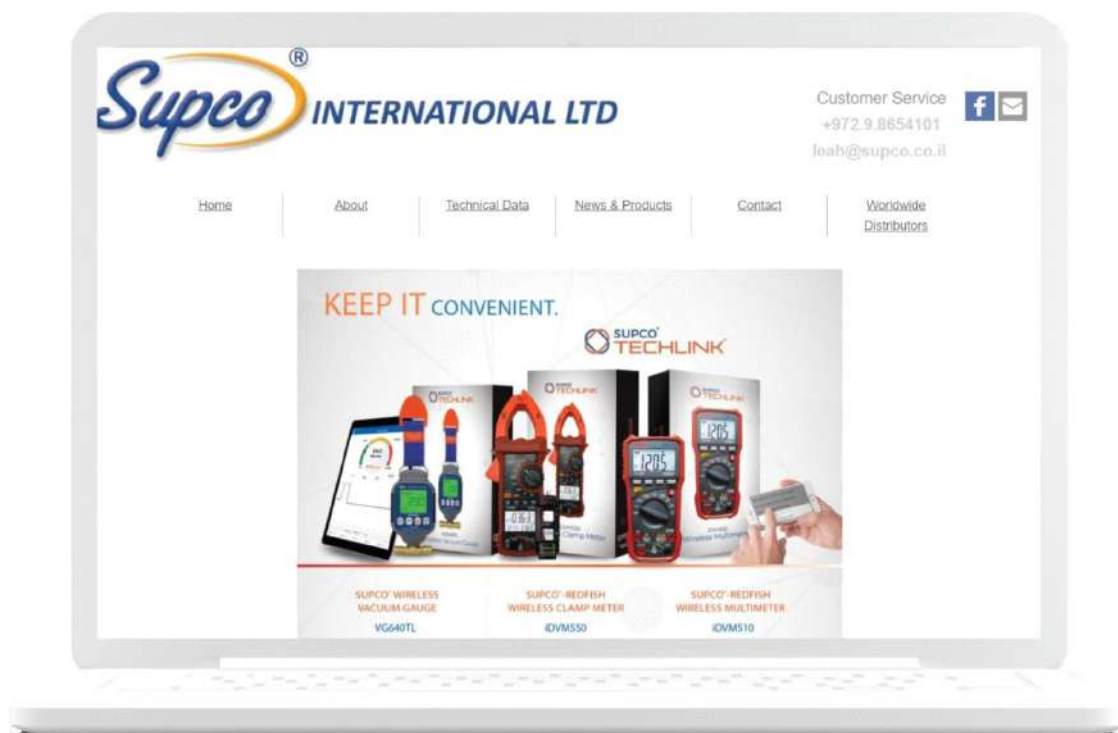


SUPCO International Website

www.supco.co.il



Our website is basically a Technical Information website
 You can learn more about SUPCO group companies. you can logon all
 SUPCO's Technical literature like: catalogs, Data Sheets, Products pictures
 new product publications and more. You will also have access to other SUPCO's websites.
 You can view all SUPCO distributors and reps world-wide.





www.supco-int.com

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