



ADVANCE TECHNICAL SPARE PARTS CO. LLC

Air Conditioning, Refrigeration and Ventilation Products

PRODUCT CATALOGUE

Air Conditioning, Refrigeration & Ventilation Products



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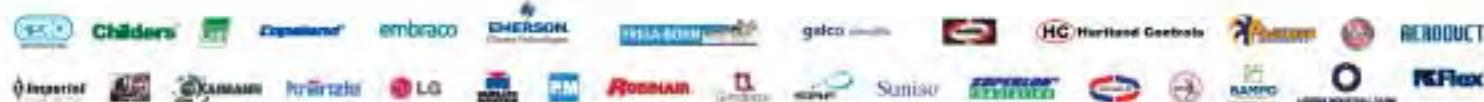
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QUALITY WITHOUT COMPROMISE



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COPELAND SCROLL COMPRESSORS - ZR & ZP

APPLICATION: AIR CONDITIONING, HEAT PUMP & MEDIUM TEMPERATURE

REFRIGERANTS: R22, R134A, R407C & R410A



COPELAND SCROLL REFRIGERATION COMPRESSORS - ZF, ZB & ZS

APPLICATION: COLD ROOM, MEDIUM AND LOW TEMPERATURE

REFRIGERANTS: R22, R134A, R407C & R404A



COPELAND SEMI HERMETIC COMPRESSORS

APPLICATION: AIR CONDITIONING

REFRIGERANTS: R22, R134A, R407C



EK EXTRA -KLEAN LIQUID LINE FILTER-DRIER

PREMIUM UNIVERSAL REPLACEMENT LIQUIDLINE FILTER DRIER FOR CFC, HCFC AND HFC REFRIGERANTS INCLUDING R12, R134A, R22, R404A, R407C, R410A, R500, R502 AND R507 WITH 20 MICRON FINE OUTLET PAD FOR MAXIMUM FILTRATION AND WORKING PRESSURE OF 680PSIG.



HMI - HERMATIC MOISTURE INDICATORS

THE HMI IS DESIGNED TO PROVIDE AN ACCURATE METHOD OF DETERMINING THE MOISTURE CONTENT OF A SYSTEM'S REFRIGERANT AND HAS UNIQUE HIGH ACCURACY MOISTURE INDICATOR FOR CFC, HCFC AND HFC REFRIGERANTS AND WORKING PRESSURE OF 680PSIG.



200RB, 200RD & 240RA SOLENOID VALVES

THE 200RB IS A PILOT-OPERATED, 2WAY NORMALLY CLOSED VALVE. 200RB'S ARE USED FOR LIQUID DISCHARGE OR SUCTION GAS REFRIGERANT SERVICE WITH WORKING PRESSURE OF 500PSIG. THE 200RD IS PILOT-OPERATED, 2WAY, NORMALLY CLOSED, R410A VALVE, 200RD VALVES ARE USED FOR LIQUID, DISCHARGE OR SUCTION GAS REFRIGERANT SERVICE WITH WORKING PRESSURE OF 680PSIG.

THE 240RA IS A 2WAY, NORMALLY CLOSED DIAPHRAGM VALVE. 240RA VALVES ARE USED FOR LIQUID DISCHARGE OR SUCTION GAS REFRIGERANT SERVICE WITH WORKING PRESSURE OF 500PSIG.



STAS STEEL LIQUID & SUCTION FILTER DRIER & FILTER DRIER

CORES & FILTERS. THE STAS IS A REPLACEABLE CORE FILTER DRIER FOR CFC, HCFC AND HFC REFRIGERANTS FOR USE IN LARGE COMMERCIAL AIR CONDITIONING AND REFRIGERANT SYSTEMS. UNIVERSAL REPLACEMENT CORES AND FILTER CORES FOR USE IN ADKS AND STAS SHELLS AND SIMILAR COMPETITIVE TAKE-APART TYPE FILTER DRIER SHELLS.



PRESSURE CONTROL PS1, PS2 & DIFFERENTIAL PRESSURE CONTROL FD113

THE PS1 & PS2 ARE ADJUSTABLE PRESSURE CONTROLS WITH AUTOMATIC AND MANUAL RESET VERSIONS.

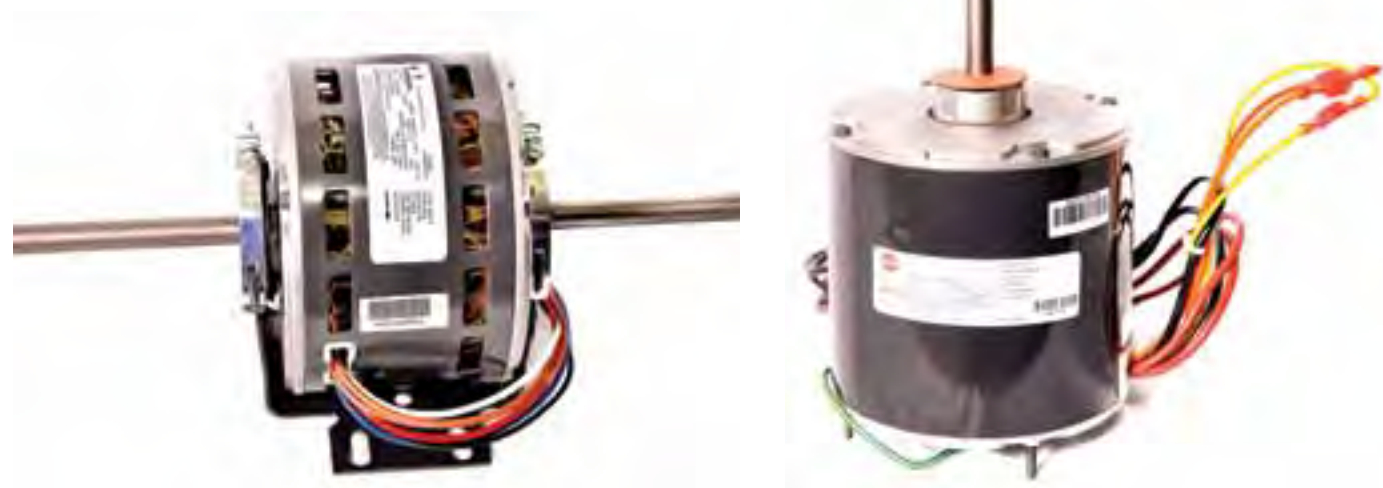
PS1 COMES IN SINGLE LOW AND SINGLE HIGH CONNECTION WHEREAS THE PS2 COME IN A DUAL CONNECTION FD113 IMMEDIATE RESET, PRECISE TIMING AND ADJUSTABLE TIME DELAY FROM 20 TO 150 SEC (ZU TYPES)

**White
Rodgers**



**COMFORT-SET 80 SERIES STANDARD 1F83-261 - 24V MULTI-STAGE
NON- PROGRAMMABLE DUAL-HARDWIRED/BATTERY**

70 SERIES 1F78-144 - 24V SINGLE STAGE DIGITAL NON-PROGRAMMABLE/BATTERY
BLUE SINGLE 1/1 - SINGLE STAGE NON-PROGRAMMABLE THERMOSTAT
BLUE UNIVERSAL 2/2 - UNIVERSAL NON-PROGRAMMABLE THERMOSTAT



**HEATING AND AIR CONDITIONING MOTORS DESIGNED FOR THE USE IN CONDENSING UNITS, FURNACES
EVAPORATIVE COOLERS, COMMERCIAL PACKAGE EQUIPMENT AND CONDITIONED AIR SYSTEMS**

HP: 1/10 THROUGH 2HP / PHASE:- SINGLE AND THREE PHASE

RPM: 825,1075,1625OR 3450

VOLTAGE:- 115,208-230,460 OR 575V - 60HZ;SOME MOTORS ARE RATED 50/60HZ.



**QK 164 P - 9,300 BTUH, 220/240V/50HZ/1PH
REFRIGERANTS: R22**

**QK 208 P - 12,000 BTUH, 220/240V/50HZ/1PH
REFRIGERANTS: R22**



**QP 325 P - 19,200 BTUH, 220/240V/50HZ/1PH
REFRIGERANTS: R22**

**QP 407 P - 24,000 BTUH, 200/240V/50HZ/1PH
REFRIGERANTS: R22**

**QP 442 P - 26,000 BTUH,220/240V/50HZ/1PH
REFRIGERANTS: R22**

LG ROTARY COMPRESSORS ARE TROPICALIZED AND CAN PERFORM AT 49°C
AMBIENT TEMPERATURE FOR AIR CONDITIONING APPLICATION.



NT DEVELOPED FOR REACH IN COOLERS, MERCHANDISERS, ICE MAKERS, BEERS COOLERS
APPLICATION: LBP, MBP/HBP
REFRIGERANTS: R134A, R404A/R507, R290



EGAS DEVELOPED FOR DISPLAY REFRIGERATORS
APPLICATION: LBP
REFRIGERANTS: R134A

NJ DEVELOPED FOR WALK IN COOLERS, MERCHANDISERS, MILK COOLERS, REFRIGERATED ISLANDS, GDM
APPLICATION: LBP, MBP/HBP
REFRIGERANTS: R134A, R404A/R507



UNEK COND UNITS DEVELOPED FOR FREEZERS, MERCHANDISERS, ICE MAKERS
APPLICATION: LBP, MBP, HBP
REFRIGERANTS: R134A, R404A, R507, R600A, R290



NEK DEVELOPED FOR FREEZERS, MERCHANDISERS, ICE MAKERS
APPLICATION: LBP, MBP/HBP
REFRIGERANTS: R134A, R404A/R507, R600A, R290



UNJ COND UNITS DEVELOPED FOR WALK IN COOLERS, MERCHANDISERS, MILK COOLERS, REFRIGERATED ISLANDS, GDM
APPLICATION: LBP, MBP/HBP
REFRIGERANTS: R134A, R404A/R507



THE INSULATION FOR THE COOLING SECTOR
 FIRE RATED CLASS 0 - HIGH FLAME RETARDANT B-S3,D0
 WATER VAPOUR RESISTANCE FACTOR $U > 10.000$
 THERMAL CONDUCTIVITY - FM APPROVED



UL RECOGNIZED 700 PSI (SELECT DIAMETERS)
 MADE TO APPLICABLE ASTM B88, ASTM B819 & ASTM B280 NITROGENIZED ACR
 MADE IN USA



**AIR-CONDITIONING & REFRIGERATION
GRADE SEAMLESS COPPER COILS**
MANUFACTURED TO STANDARD OF ASTM
B 280 ECONOMY
THIS TUBE IS DEHYDRATED, CLEANED
& CAPPED TO REDUCE REFRIGERATION
CONTAMINATION
MADE IN KOREA



0620F1 (21035) - HARRIS 0 - 92.9% CU, 7.1% P
- REQUIRES MEDIUM FIT UP.

2620F1 (31035) - STAY-SILV 2 - 2% AG, 91% CU, 7% P - BROADER MELTING RANGE THAN 0

5620F1 (41035) - STAY-SILV 5 - 5% AG, 89% CU, 6% P - USED TO BRIDGE GAPS WHERE CLOSE FIR-UP CANT
BE MAINTAINED

15620F1 (61035) - STAY-SILV 15 - 15%AG, 80% CU, 5% P - GOOD DUCTILITY

Childers™



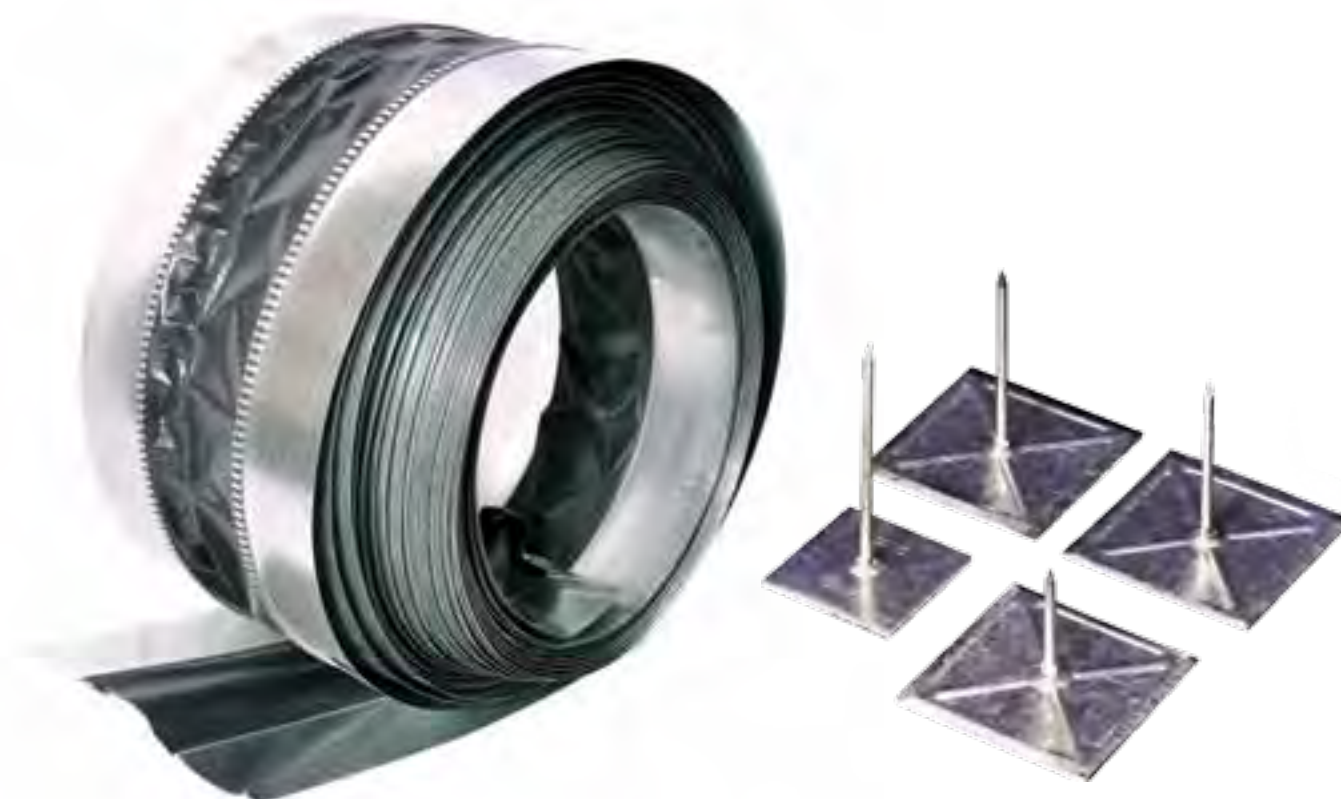
CP129 DUCT LINER AND INSULATION ADHESIVE

CP137 COATING AND ADHESIVE FOR FINISHING, ADHERING CANVAS & LAGGING CLOTHS
OVER THERMAL INSULATION

CP137AF FUNGUS RESISTANCE COATING AND ADHESIVE FOR FINISHING, ADHERING
CANVAS AND LAGGING CLOTHS OVER THERMAL INSULATION

ENCACEL - V CP45 VAPOR BARRIER AND WEATHERPROOFING COATING FOR INTERIOR &
EXTERIOR APPLICATIONS

CP146 INDOOR / OUTDOOR WATER BASED DUCT SEALANT



FLEXIBLE DUCT CONNECTOR ASTM E - 84 CLASS 1
NFPA 701 (UL214)
BS 476, PART 7 - CLASS 1 / BS 476, PART 6 - CLASS 0
INS FASTNERS DESIGN TO MEET SMACNA STANDARDS
UTILIZING STEELAS PER ASTM - A 591



CLASS 0 HIGH FIRE PERFORMANCE, LOW THERMAL CONDUCTIVITY & HIGH MOISTURE RESISTANCE
FM APPROVED PREVENT FLAME SPREAD, LOW SMOKE & NO DRIPPING
HIGH DENSITY (HD) HARDER, TOUGHER & STRONGER



AT-FLEX INSULATED FLEXIBLE DUCT IS MADE TO COMPLY TO UL-USA AND ISO STANDARD, CONFORMING TO EU STANDARDS WITH TOUGH METALISED POLYESTER MATERIAL; INNER CORE IS PERMANENTLY BONDED WITH FIRE RETARDANT ADHESIVE TO A SPRING STEEL WIRE HELIX AND MANUFACTURED FOR MAXIMUM THERMAL VALUE.



COPELAND SCROLL CONDENSING UNITS RANGE COVERS MODELS FROM 2 TO 15 HP
 APPLICATIONS: SUPERMARKET & MINI MART DISPLAY CASES, COLD STORES, BEER CELLARS, MILK COOLING TANKS
 REFRIGERANTS: R22, R134A, R404A & R407C



MUC-LUC CUBIC UNIT COOLERS ARE SUITABLE FOR CHILLING OR LOW TEMPERATURE STORAGE APPLICATIONS 48 BASIC MODELS WITH CAPACITIES RANGING FROM 1 TO 13.7 KW
 REFRIGERANTS: R22 & R404A

SKB RANGE UNIT COOLERS ARE SUITABLE FOR CHILLING OR LOW TEMPERATURE STORAGE APPLICATIONS 24 BASIC MODELS WITH CAPACITIES RANGING FROM 4 TO 30.5 KW
 REFRIGERANTS: R22 & R404A



COMPACT DESIGN WITH SINGLE FAN OPTION

APPLICATIONS: SUPERMARKET & MINI MART DISPLAY CASES, COLD STORES,
BEER CELLARS, MILK COOLING TANKS

HIGH EFFICIENCY COPELAND CR COMPRESSORS FOR 1.5 HP TO 5 HP

REFRIGERANTS: R22 , HIGH & MEDIUM TEMPERATURE

CONDENSER COIL DESIGN FOR HIGH AMBIENT

LIQUID RECEIVER AS STANDARD FEATURE



PROFESSIONAL REFRIGERATION / AIR-CONDITIONING PRODUCTS & TUBE WORKING TOOLS

TUBE CUTTERS 274 (3/16" - 11/8") / 127 (3/16" - 5/8") TUBE BENDERS 368 / 370 (3/16" - 1/2")

FLARING & SWAGING TOOLS - 275L / 278L



PLATINUM SERIES VACUUM PUMPS COMES IN 1/2HP, 115/230VOLTS, 1425 / 1175RPM OF 3, 4, 5.8, 8.3 CFM



AIRCONDITIONING / REFRIGERATION, SHIP ENGINE, CHEMICAL PLANT, POWER STATION
MALE SCREW SOCKET 1/2" BSP (STD) OTHER FORMS AND THREADS ARE AVAILABLE ON REQUEST BRASS MS58 FOR TEMPERATURE RANGES UP TO 300°C STEEL FOR TEMPERATURE RANGES ABOVE 300°C.

DIN / EN STD INDUSTRIAL PRESSURE GAUGES MEASURES POSITIVE AND NEGATIVE PRESSURES FOR ALL LIQUIDS AND GASES EXCEPT FOR THOSE HAVING HIGH VISCOSITY OR WHICH TEND TO CRYSTALLIZE. WINDOW OF ACRYLIC GLASS, SNAP-IN-WINDOW WITH DIAL ALUMINIUM, WHITE (BLACK RESP. BLACK / RED LETTERING) OF 1/2" BRASS BSP THREAD RANGING 7 TO 41 BAR.



FLORON - 22 (CHLORODIFLUOROMETHANE R22) 13.6 KGS
FLORON - 134A (1, 1, 1, 2 - TETRAFLUOROETHANE R134) 13.6 KGS



PROFESSIONAL REFRIGERATION / AIR CONDITIONING PRODUCTS & TUBE WORKING TOOLS

SERVICE MANIFOLDS 398CKP (R22, R134A & R404A) GAUGES 422CR / 422CB (R22, R404A & R410A)

HOSES 603 / 606 MRS (R22)

TUBE CUTTERS TC1000 (3/16" - 11/8") TC1050 (3/16" - 5/8") TUBE BENDERS 368 / 370 FH (3/16" - 1/2")

FLARING & SWAGING TOOLS 275FS/203FA



GS OILS CAN BE USED IN VIRTUALLY ANY INSTALLATION REGARDLESS OF COMPRESSOR OR EVAPORATOR TEMPERATURES. THEY ARE IDEALLY SUITED FOR LOW TEMPERATURE SYSTEMS WHERE EVAPORATOR TEMPERATURES ARE BELOW -18°C INCLUDING RESIDENTIAL AND COMMERCIAL REFRIGERATION AND AIR CONDITIONING SYSTEMS.

SL LUBRICANTS HAVE BEEN DESIGNED SPECIFICALLY FOR USE IN REFRIGERATION AND AIRCONDITIONING SYSTEMS CHARGED WITH OZONE FRIENDLY ALTERNATIVE REFRIGERANTS SUCH AS R134A, AND MOST OTHER CHLORINE FREE HFC REFRIGERANTS SUCH AS R404A, R407C, R410A, R507 & R509A/B ETC EVEN AT EXTREMELY LOW TEMPERATURE.



25201B - REFRIGERANT RECOVERY MACHINE, 220/240V,50/60HZ, CE APPROVED.
DESIGN FOR THE RECOVERY MEDIUM AND HIGH-PRESSURE REFRIGERANTS, INCLUDING R410A.
17506 - REFRIGERANT TANK 50LB, 1/4" FITTING (17800A, 17800-2K, 17700A, 25150, 25175, 25200B SERIES)



FRIOGAS - 134A (1,1,1,2 - TETRAFLUOROETHANE R134) 13.6 KGS
FRIOGAS - 404A (HYDROFLUOROCARBON MIXTURE) 10.9 KGS
FRIOGAS - 407C (R32 DIFLUOROMETHANE - 23% / R125 PENTAFLUOROETHANE - 25% / 1,1,1,2 - TETRAFLUOROETHANE - 52%) 11.3 KGS
FRIOGAS - 410A (R32 DIFLUOROMETHANE - 50 % / R125 PENTAFLUOROETHANE - 50%) 11.3 KGS



SAMPO
INDUSTRIAL Co.,Ltd

SAMPO INDUSTRIAL MANUFACTURES A RANGE OF SEAMLESS COPPER TUBE SUPPLIED FOR USE IN AIRCONDITIONING, REFRIGERATION & MEDICAL GAS SYSTEMS, IDENTIFIED AS TYPE ACR, L & K FITTED WITH PLASTIC CAPS AFTER CLEANING TO MAINTAIN THE CLEAN INTERIOR SURFACE. STANDARD SPECIFICATION OF ASTM B280 & ASTM B88
OUR TYPE K & L (CLEANED AND CAPPED) IS ALSO SPECIALLY CLEANED FOR USE IN MEDICAL GAS SYSTEMS AND MEETS THE SAME ALLOWABLE RESIDUE LIMIT OF 0.038G/M2 OF INTERIOR TUBE SURFACE AREA. STANDARD ASTM B819 MADE IN KOREA



CORK & RUBBER PADS - NEOPRENE FOR RESILIENCY COMBINED WITH CORK FOR SOUND ISOLATION.
SIZES: 7/8" X 18' X 18' RCR / 3/8" X 18' X 18' RUBBER



ADHERE INDUSTRIAL TAPES



A 0.03MM (NOMINAL THICKNESS) ALUMINIUM FOIL, COATED ONE SIDE WITH GLUE, ACRYLIC, PRESSURE SENSITIVE ADHESIVE, TEMPERATURE RESISTANT, BACKED WITH A STRONG POLYTHENE COATED RELEASE PAPER.



HD9/80L : BAR 80 - LTR/MIN/HRS 09 - 540 - MOTOR 1KW 220V
HD7/120L : BAR 120 - LTR/MIN 07 - MOTOR 1.6KW 220V



VAF-1 THRU 11 FLEXIBLE TUBING: CORRUGATED BRASS, WIRE BRAID: BRONZ, FERRULE: COPPER, TUBE END: COPPER
VAF-82 THRU 87 FLEXIBLE TUBING: CORRUGATED TYPE 321 STAINLESS STEEL, WIRE BRAID: TYPE 304 STAINLESS STEEL, FERRULE: TYPE 30D STAINLESS STEEL, TUBE END: COPPER



HUMM.VAC SERIES VACUUM PUMPS: 1/2HP & 3/4HP, 115/230VOLTS OF 6, 8 & 12 CFM

UNIWELD WELDING, BRAZING & CUTTING AN ECONOMICAL, CONTRACTOR GRADE OUTFIT WITH THE BASIC COMPONENTS FOR BRAZING & WELDING. LIGHT WEIGHT, PORTABLE AND EFFECTIVE FOR LIGHT TO MEDIUM DUTY JOB APPLICATIONS.

MODELS: KL550/K24TB/K23