

SUCTION LINE HERMETIC FILTER DRIERS

EMERSON CLIMATE TECHNOLOGY

Emerson offers a wide range of suction line filter driers for use with CFC, HCFC and HFC refrigerants. The ASD is a premium suction line filter-drier optimized for high moisture, acid, and solid contaminant removal. The SFD is a standard suction line filter-drier for use after a burnout or when major work has been performed. The CSFD has a compact solid desiccant core perfect for short lay-in applications. The ASK utilizes a solid core with an activated carbon blend to maximize acid, moisture and wax removal. The ASF is a specifically designed filter to protect the compressor from dirt and all solid contaminants.

MODEL #	COMPACT SUCTION LINE FILTER DRIER	
CSFD14S6VV	DRIER SUCT FILTER 3/4 SLD136SVHH	The CSFD has a compact solid desiccant core perfect for short lay-in applications. The CSFD is used for moisture, acid and solid contaminant removal. It is for use with CFC, HCFC and HFC refrigerants.
CSFD14S7VV	DRIER SUCT FILTER 7/8 SLD13S7VHH	
CSFD14S5VV	DRIER SUCT LINE FILTER 5/8" SLD13S5VHH	
CSFD14S9VV	DRIER SUCT LINE FILTER 1 1/8" SLD279SV	
		Features
		<ul style="list-style-type: none"> • Dual access valves for easy pressure readings • High acid removal capacity • Solid copper fittings for easiest brazing • Corrosion resistant epoxy powder paint finish



MODEL #	PREMIUM SUCTION LINE FILTER DRIER	
ASD75S13	DRIER SUCT FILTER 1 5/8" SLD5413SVHH	The ASD is a premium suction line Filter Drier for use with CFC, HCFC and HFC refrigerants. The ASD is optimized for high moisture, acid, and solid contaminant removal.
ASD75S11VV	DRIER SUCT FILTER 1 3/8" SLD5411SVHH	
		Features
		<ul style="list-style-type: none"> • Outstanding filtration for ultimate compressor protection • Dual access valves for easy pressure readings • Solid copper connections • Corrosion resistant epoxy powder paint finish



MODEL#	SUCTION LINE FILTER DRIER	
ASK306SVV	DRIER SUCT FILTER 3/4 SLD306V	The ASK utilizes a solid core with an activated carbon blend to maximize acid, moisture and wax removal. It is for use with CFC, HCFC and HFC refrigerants.
ASK307SVV	DRIER SUCT FILTER 7/8 SLD307V	
ASK309SVV	DRIER SUCTION FILTER 1-1/8 SLD279S	
		Features
		<ul style="list-style-type: none"> • Dual access valves for easy pressure readings • Corrosion resistant epoxy powder paint finish • Activated carbon blend for soluble contaminant & wax • Solid copper connections



PARKER		
SLD166V	PARKER SUCTION LINE DRIER 3/4" 16 CU	Parker/Sporlan offers an exclusive concept in Suction Filter design — a filter with an optional relief feature. When flow is in one direction, the bypass relief feature is active. If the pressure drop across the element becomes excessive, the bypass relief will open slightly to maintain sufficient gas flow and assure proper cooling of the hermetic motor.
SLD 167V	PARKER SUCTION LINE DRIER 7/8" 16 CU	



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

LIQUID LINE HERMETIC FILTER DRIERS

EMERSON CLIMATE TECHNOLOGY

The EK liquid line filter drier is a premium compacted bead filter drier that is buffered by an initial 40-micron fiber-glass filter to remove most of the solid contaminants and sludge and a 20-micron final filter to remove any remaining contamination. This ensures that the refrigeration system will stay cleaner longer with minimal pressure drop in the filter drier.



MODEL #	CORE STYLE LIQUID LINE FILTER DRIER	
ADK032	DRIER 3 CUBIC INCH 1/4	<p>The ADK is a solid core liquid line Filter Drier good for use with CFC, HCFC, and HFC refrigerants.</p> <p>Features</p> <ul style="list-style-type: none"> • Solid copper connections • High moisture and acid removal capacity • Corrosion resistant epoxy powder paint finish • Copeland™ products approved for POE oils
ADK052	DRIER 5 CUBIC INCH 1/4	
ADK053	DRIER 5 CUBIC INCH 3/8	
ADK082	DRIER 8 CUBIC INCH 1/4	
ADK083	DRIER 8 CUBIC INCH 3/8	
ADK163	DRIER 16 CUBIC INCH 3/8	
ADK164	DRIER 16 CUBIC INCH 1/2	
ADK165	DRIER 16 CUBIC INCH 5/8	
ADK303	DRIER 30 CUBIC INCH 3/8	
ADK305	DRIER 30 CUBIC INCH 5/8	
ADK415	DRIER 41 CUBIC INCH 5/8	

MODEL #	CORE STYLE LIQUID LINE FILTER DRIER - ODF CONNECTIONS	
ADK032S	DRIER 3 CUBIC INCH 1/4	<p>The ADK is a solid core liquid line filter drier good for use with CFC, HCFC, and HFC refrigerants.</p> <p>Features</p> <ul style="list-style-type: none"> • Solid copper connections • High moisture and acid removal capacity • Corrosion resistant epoxy powder paint finish • Copeland™ products approved for POE oils
ADK052S	DRIER 5 CUBIC INCH 1/4	
ADK053S	DRIER 5 CUBIC INCH 3/8	
ADK082S	DRIER 8 CUBIC INCH 1/4	
083S	DRIER 8 CUBIC INCH 3/8	
163S	DRIER 16 CUBIC INCH 3/8	
ADK164S	DRIER 16 CUBIC INCH 1/2	
ADK165S	DRIER 16 CUBIC INCH 5/8	
ADK303S	DRIER 30 CUBIC INCH 3/8	
ADK304S	DRIER 30 CUBIC INCH 1/2	
305S	DRIER 30 CUBIC INCH 5/8	
ADK307S	DRIER 30 CUBIC INCH 7/8	
ADK415S	DRIER 41 CUBIC INCH 5/8	
ADK417S	DRIER 41 CUBIC INCH 7/8	

MODEL #	LIQUID LINE BI-DIRECTIONAL FILTER DRIER	
BF083S	DRIER HT PUMP 3/8 SWT-BFK083S	<p>The BFK is a solid core, bi-directional, liquid line Filter Drier for heat pump applications for use with CFC, HCFC, and HFC refrigerants.</p> <p>Features</p> <ul style="list-style-type: none"> • Available 5 to 30 cu. in. size • Internal check valves allow flow and filtration in either direction, eliminates need for external check valves • High moisture and acid removal capacity • Corrosion resistant epoxy powder paint finish • Approved for POE oils with Copeland™ compressors

PARKER

BF163S	PARKER BI-FLOW DRIER 16CU 3/8"	<p>High moisture and filtration capacity. Compatible with POEs, alkylbenzenes and mineral oils. Compatible with R-12, R-22, R-134a, R-407C and R-410A. Copper ODF solder fittings. Powder paint exterior coating surpasses 500 hour ASTM salt spray test to resist corrosion.</p>
SS083S	SAHARA SERIES™ LIQUID LINE FILTER-DRIERS 3/8" 8CU	
5SS3S	SAHARA SERIES™ LIQUID LINE FILTER-DRIERS 3/8" 16CU	



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

MOISTURE INDICATORS

EMERSON CLIMATE TECHNOLOGY

Emerson moisture indicators are designed to provide an accurate method of determining the moisture content of a system's refrigerant. The HMI is the highest sensitivity moisture indicator available and it detects moisture at 3% relative humidity (RH) providing plenty of time to make necessary adjustments before any damage is done.

The Emerson AMI moisture indicator features a take-apart design for easier repair and the A-IHL saddle design moisture indicator is ideal for large diameter tubing.



MODEL # HERMETIC MOISTURE INDICATORS

HMI1FM2	SIGHT GLASS 1/4 MALE/FEMALE FLARE
HMI1FM3	HERMETIC MOISTURE/LIQUID INDICATOR
HMI1FM4	HERMETIC MOISTURE/LIQUID INDICATOR
HMI1MM2	HERMETIC MOISTURE/LIQUID INDICATOR SIGHT GLASS
HMI1MM3	HERMETIC MOISTURE/LIQUID INDICATOR
HMI1MM4	HERMETIC MOISTURE/LIQUID INDICATOR
HMI1TT2	SIGHT GLASS 1/4 SWT
HMI1TT3	SIGHT GLASS 3/8 SWT (ALM1TT3)
HMI1TT4	SIGHT GLASS 1/2 OD SWT (ALM1TT4)
HMI1TT5	SIGHT GLASS 5/8 SWT

The HMI is designed to provide an accurate method of determining the moisture content of a system's refrigerant. The HMI has a unique high accuracy moisture indicator for CFC, HCFC, and HFC refrigerants.

Features

- Highest sensitivity moisture indicator available
- Hermetic, leak-free construction
- Single indicator for all common refrigerants
- Accurate color calibration at low ppm levels and higher temperatures
- Wide angle viewing/high visibility window for ease of monitoring
- All brass corrosion resistant body for fewer leaks
- Solid copper connections

SERIES REFRIGERATION BALL

EMERSON CLIMATE TECHNOLOGY

The Emerson refrigeration ball valve isolates suction, discharge, and liquid line pipework during maintenance shutdown periods and it comes with optional access valve.

MODEL # HERMETIC MOISTURE INDICATORS

ABV5	VALVE 5/8 BALL
ABV7A	VALVE 7/8 BALL
ABV9A	VALVE 1 1/8 BALL
ABV11A	VALVE 1 3/8 BALL
ABV13A	VALVE 1 5/8 BALL

The BVE/BVS series refrigeration ball valves isolate suction, discharge, and liquid line pipework during maintenance shutdown periods.

Features

- Forged brass body
- Compact, lightweight, hermetic design
- Compatible with HCFC and HFC refrigerants/lubricants including R-410A and CO2
- Full flow design*
- Bi-directional flow characteristics
- Valve stem cap retained by strap attached to main body
- Integrated access port available on all sizes
- Low operating friction design



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

SOLENOID VALVES & COILS

EMERSON CLIMATE TECHNOLOGY

Emerson Climate Technologies' refrigeration solenoid valves have the lowest external leakage rates in the industry, are less susceptible to scoring, don't hold residual magnetism, and provide trouble-free operation due to their fail-safe design.

MODEL #	DESCRIPTION	
100RB2F3	3/8" SAE 2-WAY NORMALLY CLOSED SOLENOID	The 100RB is a direct-acting, 2-way, normally closed valve. 100 RB valves are used for liquid or discharge gas refrigerant service. Features: One coil fits all valve sizes • Extended ends for easy installation (standard) • Long-life molded coils • PTFE O-ring for superior external sealing
100RB2F2	1/4" SAE 2-WAY NORMALLY CLOSED SOLENOID	
100RB2S3	3/8" ODF 2-WAY NORMALLY CLOSED SOLENOID	
200RB4T3VLC	3/8" ODF SOLENOID VALVE 2 WAY NORM CLOSED	The 200RB is a pilot-operated, 2-way, normally closed valve. 200RB valves are used for liquid, discharge, or suction gas refrigerant service. Features: • One coil fits all valve sizes • Extended ends for easy installation (standard) • Long-life molded coils • PTFE O-ring for superior external sealing
200RB5T4VLC	SOLENOID VALVE 2 WAY NORM CLOSED	
200RB6T5VLC	5/8" ODF SOLENOID VALVE 2 WAY NORM CLOSED	
240RA9T9MVLC	1 1/8" ODF SOLENOID VALVE 2 WAY NORM CLOSED	The 240RA is a 2-way, normally closed diaphragm valve. 240RA valves are used for liquid, suction, and hot gas service. Features: • One coil fits all valve sizes • Can be brazed into the line without disassembly • PTFE diaphragm for high temperature applications • Extended ends for easy installation (standard) • Long-life molded coils • Mounting studmodels can be field converted to manual stem
240RA8T7VLC	7/8" ODF SOLENOID VALVE 2 WAY NORM CLOSED	



EXPANSION VALVES

EMERSON CLIMATE TECHNOLOGY

Emerson's TXVs are designed for a wide range of air conditioning, refrigeration, heat pump, and chiller applications. Emerson uses stainless steel power elements that are unsusceptible to corrosion. We offer products with conventional, as well as balanced ported designs that are advantageous when applied to systems with large load variations and/or floating head applications. Emerson also manufactures bi-flow designs for use in heat pumps and many of our TXVs have a take-apart design for ease of service. Emerson thermal expansion valves cover a wide range of nominal capacity, from 1/2 ton to 100 ton.

MODEL #	DESCRIPTION	
AAEGT60321	EXPANSION VALVE R-22 ONLY 1-3 TON CHATLEF FITTING	The A-series is used for heat pump, air conditioning, food services and commercial applications. Features • Stainless steel power element eliminates corrosion and prevents valve failure • Hermetic, leak-free construction • Compact size allows installation in limited spaces • Mass spectrometer tested to ensure less than 0.10 oz/year external leakage rate
AAE212HAA	EXPANSION VALVE R-22 ONLY 1-1/2 TO 2-1/2	
AAE5HAA	EXPANSION VALVE R-22 ONLY 3 TO 5 TON SWEAT	
AAEGT60322 PCN 013939	EXPANSION VALVE R-22 ONLY 3.5--5 TON CHATLEF FTG	
AAE5ZW	R410A EXPANSION VALVE 3.5 TO 5 TONS SWEAT	
AAE3ZW195	R410A EXPANSION VALVE UP TO 3 TONS SWEAT	
PARKER		
HAE3VX100	R-22 EXPANSION VALVE 1.5 TO 3 TONS	
HAE5VX100	R22 EXPANSION VALVE 3.5 TO 5 TONS	
HAE3ZX200	R-410A EXPANSION VALVE 1.5 TO 3 TONS	
HAE5XX200	R-410A EXPANSION VALVE 3.5 TO 5 TONS	



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

SHUT OFF SERVICE VALVE

PARKER

MODEL #	DESCRIPTION
QL171L0606	3/8 SHUT OFF SERVICE VALVE
QL171R1212	3/4 SHUT OFF SERVICE VALVE
QL171R1414	7/8 SHUT OFF SERVICE VALVE



REVERSING VALVE

PARKER

MODEL #	DESCRIPTION
RV6F57VLC	REVERSING VALVE 5 TON
RV3F45VLC	REVERSING VALVE 3 TON

COILS FOR SOLENOID VALVES

PARKER

MODEL #	DESCRIPTION
AMG24	COIL 24V JUNCTION BOX
AMG120240	COIL 120V JUNCTION BOX

AMG Junction Box



6" Leads



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

TEMPERATURE PRESSURE CONTROLS

EMERSON CLIMATE TECHNOLOGY

Pressure controls serve various functions, which may be divided into control and protection functions. Examples of control functions are compressor cycling, pump-down or defrost control. Protection functions include pressure limiting and cut out against excessive pressures, against loss of charge or for freeze protection.

The PS1 and PS2 Series are respectively single and dual pressure control designed for use on high and low pressure applications in refrigeration and heat pump systems.

MODEL #	DESCRIPTION	
PS1X3K	SINGLE LOW PRESS CONTROL 36" AUTO RESET	PS1 Single Pressure Controls are designed for use on high and low pressure applications in refrigeration and heat pump systems. By operating a set of electrical contacts, pressure is kept inside a certain limit.
PS1X5K	FAN CYCLE CONTROL 36" CAP LOW AMBIENT	
PS1Y5K	SINGLE HI PRESS CONTROL 36" AUTO RESET	
PS2Y7K	DUAL PRESSURE CONTROL	PS2 Dual Pressure Controls are designed for use on high and low pressure applications in refrigeration and heat pump systems. By operating a set of electrical contacts, pressure is kept inside certain limits.
TS1X4F	TEMP CONTROLS -20 TO 95F DIFF 5 TO 35	The TS1 series adjustable thermostats are designed for application in refrigeration and heat pump systems. In these systems, thermostats serve control and monitoring functions, such as space temperature control, high/low temperature alarming or defrost termination. By operating a set of electrical contacts, a temperature value is kept inside a certain limit.



PRESSURE SWITCHES

SUPCO

Features:

- High Pressure SPST open on pressure rise
- Low Pressure SPST open on pressure fall
- Condenser Fan Cycling SPST open on pressure rise
- 1/4" SAE Female flare fitting with valve core depressor
- Snap acting stainless steel hermetically sealed sensor (SHP, SLP & SFC)
- Small size and light weight for direct mounting
- Excellent set point repeatability/stability
- Pressure Range: 0 to 650 PSI
- Burst Pressure: 5000 PSI
- Life @ Rated Load: 100,000 cycles
- Rated Voltage: 50/60 Hz, 24/120 / 240 Volts (6 RLA, 36 LRA)
- Temperatures: Ambient 20°F to 176°F (-30°C to 80°C). Fluid 60°F to 250°F (-50°C to 120°C).



High precision control at economical prices...



MODEL #	DESCRIPTION
SFC150225	FAN CYCLE CONTROL LOW AMBIENT
SFC300400	R410A FAN CYCLING SWITCH LOW AMBIENT
SHP610420	R410A PRESSURE SWITCH AUTO RESET 610 - 420
SMR610	R410A PRESSURE SWITCH MANUAL RESET 610
SMR410	R410A PRESSURE SWITCH MANUAL RESET HIGH PRESSUE



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

FILTER DRIER CORES AND FILTERS

EMERSON CLIMATE TECHNOLOGY

Filter drier cores remove moisture, acids, and debris from the system. Choosing the right filter drier core is essential to providing reliable, long-lasting system protection.

Emerson has the broadest range of desiccant blends in the industry. Products range from 100% activated alumina (high acid) to 100% molecular sieve (high moisture). There is an Emerson core for every application, and all cores are completely interchangeable with other cores and shells.

Emerson universal replacement cores and filter cores are used in our ADKS and STAS shells and similar competitive take-apart type filter drier shells.

MODEL #	DESCRIPTION	
D48	48 INCH REPLACEABLE FILTER CORE PCK48	Universal replacement cores and filter cores for use in our ADKS and STAS shells and similar competitive Take-Apart type Filter Drier shells. May not be used for BTAS.
H48	HIGH ACID AND WATER REMOVAL CORE PCX48	
163SXF	DRIER LIQUID LINE FILTER - 3/8	

Features

- Water capacities to suit specific system conditions
- Exceptional acid capacities for normal system protection, or to effectively clean-up following a compressor burnout
- Activated carbon blend for soluble contaminant and wax removal (W-HH Series)

MULTI-VOLTAGE DEFROST TIMER

INTERMATIC

The 40 Amp Auto-Voltage Time Switch is a universal electromechanical control, which automatically detects the input voltage without the use of a DIP switch or selector pins. The time switch automatically selects any voltage between 120 VAC and 277 VAC. The time switch controls high amperage loads for lighting, HVACR, pumps, motors, fan controls, access controls, agricultural facilities, and general purpose electrical circuits. The mechanism is mounted in a compact Type 3R outdoor enclosure and features a DPDT Switching Configuration standard.

MODEL #	DESCRIPTION	
DTMV40	ENCLOSED GRASSLIN MULTI TIMER	<ul style="list-style-type: none"> • Highest ratings in the industry for loads up to 40 amps resistive • 96 Captive Trippers are independently adjustable at 15 minute intervals; allowing for 48 ON/OFF operations per 24 hour period • Real time clock face with ON/OFF/AUTO override switch • Automatically adjusts to any voltage needed between 120 - 277 VAC. • Amber and Green LED's indicating power and status • Type 3R outdoor enclosure is standard
DTAV40M	SNAP-IN REPLACEMENT GRASSLIN TIMER	
DTMV40B	GRASSLIN TIMER BRACKET MOUNT	



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885

KLIXON PRESSURE SWITCHES

MARS

The 4 - Series Klixon Pressure Switches. This newest set of designs delivers the reliability and performance that has made Klixon the most trusted name in the electromechanical sensor business. The 4 -Series line of pressure switches covers many new R410A applications along with traditional pressure setting switches.

MODEL #	DESCRIPTION	CUT OUT	CUT IN	NOTES
33325	PRESSURE SWITCH OPR 425X300(33925)	425	300	1/4" Female Flare S.A.E. Mounting



JARD PRESSURE SWITCHES

MARS

Features:

- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized

MODEL #	DESCRIPTION	OPEN PRESSURE	RESET PRESSURE	MOUNTING
33919	375/275 High Pressure Open on rise OPR 375X265(33919)	375	275	1/4" Female Flare Fitting S.A.E. Mounting
33929	5/20 Low Pressure Open on fall LOW PRESSURE SWITCH(33329)	5	20	1/4" Female Flare Fitting S.A.E. Mounting
33939	50/90 Low Pressure Open on fall PRESSURE SWITCH OPF 50X90	50	90	1/4" Female Flare Fitting S.A.E. Mounting
33964	40/80 LP Open on fall PRESSURE SWITCH LOW	40	80	1/4" Female Flare Fitting S.A.E. Mounting



SIGHT GLASS MOISTURE INDICATOR

PARKER

Available in all popular end connections up to 2-1/8". Solid copper extended sweat fittings permit solder installation without disassembly. Flare models feature forged brass body and fittings. Compact design, low silhouette, short laying in length. Extremely accurate. Easy viewing. U.L. listed File No. SA4744

MODEL #	DESCRIPTION
PSG3S	SIGHT GLASS 3/8 SWEAT



MULTI-VOLTAGE DEFROST TIMER

INVENSYS

The perfect brand combinations in Commercial Refrigeration: Robertshaw®, Ranco®, Paragon®, and Eliwell™. Commercial refrigeration is essential in today's society, to preserve and protect food for people around the world. A variety of our systems are currently used in supermarkets and retail food stores. These include central refrigeration systems connected to food display cases, self-contained display cases and walk-in refrigerators and freezers.

MODEL # DESCRIPTION

804500 TIME CLOCK 120V DEF(7008-001)

804520 TIME CLOCK 240V DEF(7008-002)

For Electric Heat, Hot Gas, or Compressor Shutdown Defrosting, Bracket available

- Frequency of defrost initiation is adjustable from one to six cycles per day. Minimum of four hours between successive operations.
- Duration of defrost cycle adjustable from four to 110 minutes in two minute increments.
- Accuracy of defrost duration +/- two minutes.
- Choice of four contact arrangements for electric heat, hot gas or compressor shutdown defrost.
- Positive switch action slider bar.
- Switch rating per pole: 40 amps, 2 hp per pole; 690 VA pilot duty 120-240 volts AC.
- Heavy duty steel enclosure. Gray finish. Knockouts on bottom, back and sides. Hasp and staple for padlock. Available on bracket for sub-panel mounting.
- Operating voltage: 120 or 208-240 volts, 60 Hz (50 Hz - see chart below).
- Heavy duty synchronous industrial type motor.
- UL Listed and CSA Certified.

814300 PARAGON TIMER

814320 PARAGON TIMER

814500 TIME CLOCK 120V DEF(7008-104)

814520 TIME CLOCK 240V DEF(7008-105)

8140 SERIES 40 AMP, TIME INITIATED, TEMPERATURE OR PRESSURE TERMINATED

- Frequency of defrost is one to six cycles per day. A minimum of four hours between successive defrost cycles.
- Adjustable back-up defrost termination from four-110 minutes in two minute increments.
- Control works with an external temperature or pressure sensor.
- Choice of three contact arrangements for electric heat, compressor shutdown or hot gas defrost.
- Positive switch action slider bar.
- Switch ratings per pole: 40 amp, 2 hp, 690 VA pilot duty, 120-240 volts AC.
- Heavy steel enclosure. Gray finish. Knockouts at bottom, back and sides. Hasp and staple for padlock. Available on bracket for sub-panel mounting.
- Operating voltage: 120 or 208-240 volt, 60 Hz (50 Hz - see chart below).
- Heavy duty, synchronous industrial type motor.



THERMOSTATS FOR HVACR

JOHNSON CONTROLS

These thermostats are designed for refrigeration, cooling, heating, ventilation and air-conditioning applications. Standard models are provided for remote sensing or room sensing. Models with manual reset are available for low or high limit functions.

MODEL #	DESCRIPTION
A19BBC2	SPACE THERMOSTAT, ADJUSTABLE DIFFERENTIAL
A19ABC24	CAPILLARY OR IMMERSION THERMOSTAT, ADJUSTABLE DIFFERENTIAL.

Test Equipment and Repair Parts

The multi-part selection chart below lists the available repair parts and test equipment to maintain all T-4000 Series Pneumatic Thermostats.

MODEL #	DESCRIPTION
T40003139	WHITE PLASTIC COVERS WITH FACEPLATES HORIZONTAL, NO THERMOMETER, NO WINDOWS
T40003145	WHITE PLASTIC COVERS WITH FACEPLATES VERTICAL, NO THERMOMETER, SINGLE WINDOW
T4002203	THERMOSTAT DIR VERT F
T4002204	REVERSE ACTING JOHNSON CONTROL T-STAT
T40025012	JOHNSON CONTROL KNOB ADJUSTMENT & SCREW
T4003201	THERMOSTAT DIR DR HORIZ F



A19A capillary thermostat
A19B space thermostat

REFRIGERATION TEMPERATURE CONTROLS

WHITE-ROGERS

Provide Positive Control of Refrigeration Applications Where Remote Control is Desired

FEATURES

- Hydraulic action element.
- Dustproof steel case with top and bottom knockouts.
- Temperature dial graduated in °F and °C and can be adjusted through cover.
- High electrical ratings allow operation of most equipment without use of relays or motor starters.
- Model 1609-90 — For use in zoning systems where all thermostats control a common compressor & a separate solenoid refrigerant valve in each zone.

MODEL #	DESCRIPTION
2018	SPACE THERMOSTAT COILED BULB TYPE
16E09101	ELEC REF TEMP CONTROL -40 TO 220F WHITE RODGERS
1609101	REMOTE BULB STAT
16A609	TEMPERATURE CONTROL - Manual Reset Freeze Protection Control



1609-101

HEAD PRESSURE REGULATORS

PARKER

The typical method of maintaining normal head pressure in a refrigeration system during periods of low ambient temperature is to restrict liquid flow from the condenser to the receiver, and at the same time divert discharge gas to the inlet of the receiver. This backs liquid refrigerant up into the condenser, reduces its capacity, and increases the condenser pressure. At the same time the discharge gas increases liquid pressure in the receiver, allowing the system to operate normally.

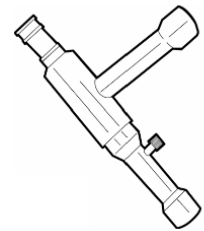
MODEL #	DESCRIPTION
HP8T7B	HEAD PRESSURE CONTROL REGULATOR 7/8
HP8T7A	HEAD PRESSURE CONTROL REGULATOR 7/8



PRESSURE REGULATORS

EMERSON

MODEL #	DESCRIPTION
IPR6	IPR INLET PRESSURE UPSTREAM REGULATOR - Upstream Evaporator Pressure Regulators accurately maintain a predetermined minimum evaporator inlet pressure, regardless of sudden load or suction pressure changes. These valves operate from an inlet pressure signal, opening on a rise in pressure above the valve set point and closing at any inlet pressure below the setpoint. The IPR is a hermetic valve supplied with a pressure tap in the inlet connection as standard.
OPR6	OPR OUTLET PRESSURE DOWNSTREAM REGULATOR - Downstream Pressure Regulators accurately maintain a predetermined maximum outlet pressure. Designed to prevent compressor motor overload, the OPR is a hermetic valve supplied with a pressure tap in the inlet connection as standard.



DEFROST THERMOSTAT

SUPCO

MODEL #	DESCRIPTION
SL5708	Exact replacement defrost/icemaker thermostat
SL5709	



PRESSURE CONTROLS

JOHNSON CONTROLS

The P20 Series are field replacement high and low pressure controls for non-corrosive refrigerants. They include a dust-tight contact unit with quick connect connectors, and a 36 in. or 42 in. capillary with 1/4 in. sweat section. The setpoint is screwdriver adjustable.

MODEL #	DESCRIPTION			
P20BB1		OPEN ON FALL	7 TO 150 PSI	MANUAL RESET
P20DB1	36" CAPILLARY 1/4 IN SWEAT TUBE	OPEN ON RISE	100 TO 425 PSI	MANUAL RESET
P20EB1		SPDT	7 TO 150 PSI	30 FIXED
P20EB2		SPDT	100 TO 425 PSI	75 FIXED



P20DB-1 Air Conditioning/Pressure Cutout Control

JOHNSON CONTROLS

The P10 Series Pressure Controls open or close electrical circuits from a change in operating air pressure. R to Y terminals make (cut-in) on pressure rise

MODEL #	DESCRIPTION			
P10BC7	1 STAGE	SINGLE-POLE	3 TO 20 PSI	BARBED FITTING
P100AP4	OPEN ON PRESSURE DROP			



P10BC-7 with Bracket No. BKT16A-600R

LUBE OIL PRESSURE CUTOUT CONTROL

JOHNSON CONTROLS

The P28 series provides dependable lube oil protection on pressure of lubricated refrigeration compressors by sensing low lube oil pressure. A built-in time delay switch, accurately compensated for ambient temperature, allows for pressure pick up on start and avoids nuisance shutdowns on pressure drops of short duration during the running cycle.

MODEL #	DESCRIPTION			
P28AA17	120 SECOND TIME DELAY	MANUAL RESET	8 TO 70 PSI	NON-CORROSIVE
P45NCA12	120 SECOND TIME DELAY	MANUAL RESET	9 PSI	

The P45 Control provides dependable, low lube oil pressure protection for refrigeration compressors. The low-adjustable factory-set pressure setting provides operation to the compressor manufacturer's specification. A built-in time delay relay, compensated for ambient temperature, allows for pressure pick-up on start and avoids nuisance shutdowns on short duration pressure losses during the running cycle.

Controls for Dual Pressure Applications

JOHNSON CONTROLS

Controls for Dual Pressure Applications provide combined high and low pressure control of compressors on commercial refrigeration and air conditioning applications.

MODEL #	DESCRIPTION		
P70LB1	SPST SWITCH ACTION	LOW CUT OUT	36 IN. CAPILLARY WITH 1/4" FLARE NUT
P70MA1	DPST SWITCH ACTION	NONE	36 IN. CAPILLARY WITH 1/4" FLARE NUT
P170LB1	SPST SWITCH ACTION	LOW CUT OUT	1/4 IN. MALE FLARE CONNECTOR



WWW.ACSUPPLYTEXAS.COM

DOWNTOWN
817-922-0544

ARLINGTON
817-461-0744

EAST SIDE
817-428-8077

WEST SIDE
817-244-3885