



## **FOOD CHAIN**

Refrigeration • Energy • Environment | Globally

# **Food Retail Electronics Parts List**

*Confidential*

## Contact List

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### AK-SC 255 CONTROLLERS

<i>Part #</i>	<i>Description</i>
080Z2500	AK2-SC255 Box VGA / TP78 / Refrigeration
080Z2501	AK2-SC255 Box VGA / TP78 / HVAC-Lighting
080Z2502	AK2-SC255 Box VGA /TP78 / FULL - Ref. & HVAC-Lighting
080Z2570	AK2-SC255 Box VGA / TP78 / REF. Single
080Z2571	AK2-SC255 Box VGA / TP78 / HVAC-Lighting / Single
080Z2572	AK2-SC255 Box VGA / TP78 / Ref. & HVAC-Lighting / Single
080Z2580	AK2-SC255 NO DISPLAY VGA / TP78 / Refrigeration
080Z2581	AK2-SC255 NO DISPLAY VGA / TP78 / HVAC-Lighting
080Z2582	AK2-SC255 NO DISPLAY VGA / TP78 / FULL - Refrigeration & HVAC-Lighting
080Z2530	AK2-SC255 Box VGA/TP78 / Alarm Logger

### AK2-SC 255 ACCESSORIES

<i>Part #</i>	<i>Description</i>
080Z2100	Modem Power Adapter
080Z2102	COMM255 Modem with Adapter & power supply
080Z0262	255 to PC Direct Connect Cable
C20078410	Phone Line Switcher
080Z2162	255 Program Loader firmware upgrade kit (PC software & cables)

### AK2-SC 255 ADD-ON SOFTWARE LICENSES

<i>Part #</i>	<i>Description</i>
080Z2202	Munters License
080Z2201	Carrier RTU Support
080Z2240	Refrigeration Only to Ref. & HVAC-Lighting Licensing Upgrade
080Z2241	HVAC-Lighting Only to Ref. & HVAC-Lighting Licensing Upgrade

### AK2-255 CUSTOM ENCLOSURES

<i>Part #</i>	<i>Description</i>
080Z2590	255 Panel w/ Power Supply & Comm Module w/o Modem 22x28x6 with Full License
080Z2591	255 Panel w/ Power Supply & Comm Module w/Modem and Lighting Override Switches

### AK2-255 Repair Parts (For Older 'cabinet' style 255s)

<i>Part #</i>	<i>Description</i>
080Z2082	255 Panel w/ Power Supply & Comm Module w/o Modem 22x28x6

### ANTI-SWEAT CONTROLLERS

<i>Part #</i>	<i>Description</i>
C20125400	No Sweat unit - 8 circuits
C20125410	No Sweat unit - 10 circuits
C20125412	No Sweat unit - 12 circuits
C20125414	No Sweat unit - 14 circuits
C20125416	No Sweat unit - 16 circuits
542012540	No Sweat Add-on (Each add-on does 2 circuits)

## INPUT/OUTPUT BOARDS (UNIVERSAL TERMINAL STRIPS)

Part #	Description
080Z0005	AK2 Module Type AK2-XM 205A (8AI/8DO) <b>(Replaced by 080Z0010)</b>
080Z0010	AK2 Module Type AK2-XM 205A (8AI/8DO)
080Z0006	AK2 Module Type AK2-XM 204A (8DO) <b>(Replaced by 080Z0011)</b>
080Z0011	AK2 Module Type AK2-XM 204A (8DO)
080Z0016	AK2 Module Type AK2-XM 204B (8DO with override) <b>(Replaced by 080Z0018)</b>
080Z0018	AK2 Module Type AK2-XM 204B (8DO with override)
080Z0015	AK2 Module Type AK2-XM 205B (8AI/8DO with override) <b>(Replaced by 080Z0017)</b>
080Z0017	AK2 Module Type AK2-XM 205B (8AI/8DO with override)
080Z0007	AK2 Module Type AK2-XM 101A (8AI)
080Z0008	AK2 Module Type AK2-XM 102A (8DI, Low volt)
080Z0013	AK2 Module Type AK2-XM 102B (8DI, High volt)
080Z0020	AK2 Module AK2-XM107A - 8 Pulse input module
080Z0022	AK2 Module AK2-XM208B - 4 Stepper module
080Z0052	Pwr Supply 115/230 in 12/24 Out 56VA <b>(Use for 12VAC or special application only) (Replaced by 080Z0055 for AK2 applications)</b>
080Z0055	AK2 Din Rail Power Supply (AKPS 250) - 24V DC - 60VA Replaces - 080Z0052
080Z0053	AK2 Din Rail Power Supply (AKPS 75) - 24V DC - 18VA (Can power one com module and combo board)
080Z0061	AK2 Communication Module type AK2-CM 101A (Lonworks TP-78)
AKC165-1	ACK165SC Subcool Case Control w/ Kit
080Z2170	Variable Output Board - 2 Outputs - Mounted in STN6 snap track <b>(Old PN VO2) - Requires 12VAC</b>
080Z0290	DIN Rail For AK2 Module Mounting 1 Meter
080Z0270	AK2 Light Ballast Dimmer driver board
VO2LB	Variable Output Board - 2 Outputs - Mounted snap track (Use only with Lighting Dimmer driver) board fails to 10V output)
084B2251	Repeater for TP 78 (requires 12V AC) - <b>(Old Part Number TP78-01)</b>
084B2252	Bridge between TP 78 and FTT Network (requires 12V AC) - <b>(Old Part Number TP78-02)</b>
084B2254	Bridge between TP 78 and RS 485 (requires 12V AC) - <b>(Old Part Number TP78-04)</b>
080Z2110	255 ECI Serial Adaptor Kit

## HVAC Controllers

Part #	Description
0RTC	Roof Top Controller Board in Rainproof Box
RTCB	Rainproof Enclosure for RTC (12X12X4)
RTCKIT	Mounting Plate for the Roof Top Controller Board
0RTCPC2	Roof Top Controller Board, No Enclosure
0RTCPC	Roof Top Controller Board, No Enclosure (For older 55 software versions < ver. 1.78)
TEMPADJ2	Temperature Offset Adjustment
SWRTC	Software for RTC
080Z2180	Distech Smart Stat - 1 zone AC, 1 zone HT.
080Z2181	Distech Smart Stat - 2 zone AC, 2 zone HT.
080Z2182	Distech Smart Stat - 2 zone AC, 2 zone HT, Economizer
080Z2183	Duct sensor for Distech Smart Stat

## I/O ENCLOSURES

Part #	Description
AK2IO16	AK2 Enclosure for 2 rows of 4 full size Modules Includes Power Supply and 2 AK2 Comm Modules 25x30x5
AK2IO8	AK2 Enclosure for 1 row of 4 full size Modules Includes Power Supply and 1AK2 Comm Module 13x30x5
AK2RTCB	AK2 Comm. Mod. + AK2 XM 205B In RTC Box Filtered Power Input (24VAC ONLY) 12"x12"

## REFRIGERANT LEAK DETECTORS

Part #	Description
C01680404	Infrared Leak Detector: 4 ZONE HGM-300 (includes E.O.L. filters) Requires C01680420 to connect to 255
C01680408	Infrared Leak Detector: 8 ZONE HGM-300 (includes E.O.L. filters) Requires C01680420 to connect to 255
C01680412	Infrared Leak Detector: 12 ZONE HGM-300 (includes E.O.L. filters) Requires C01680420 to connect to 255
C01680416	Infrared Leak Detector: 16 ZONE HGM-300 (includes E.O.L. filters) Requires C01680420 to connect to 255
C01680417	Leak Detector Charcoal Filter for HGM-300 (1 per HGM300)
C01680419	Leak Detector Display for HGM-300
C01680420	HGM-300 to AKC55 Connection Kit
148H5115	GDHF Solid State Gas Detector, LoTemp R404, R410A, R507 (requires 24vac) <b>(Old Part Number 148H5114)</b>
148H5105	GDHF Solid State Gas Detector, LoTemp R22 (requires 24vac) <b>(Old Part Number 148H5104)</b>
148H5100	GDHF Solid State Gas Detector, Standard Temp R22 (requires 24vac)
148H5110	GDHF Solid State Gas Detector, Standard Temp R404, R410A, R507 (requires 24vac)
C01703200	Tubing - Polyethylene - Black / White ** Only available in 250' rolls***
C01680421	Bacharach Leak Detector End of Line Filter
C01703300	Cartridge Filter (For Internal Infared Bacharach, or end of line for IRIS)
23-2500GL	250 OHM .05% Resistor 1/2 Watt

## PRESSURE SENSORS

Part #	Description
060G3990	AKS 32 Pressure Transducer 0-200 PSIG 8 Meter Wire (For Danfoss) 1/8" NPT
060G3991	AKS 32 Pressure Transducer 0-500 PSIG 8 Meter Wire ) (For Danfoss) 1/8" NPT
060G1889	AKS32 0-100 PSI Transducers 8M Cable - Use with ECI Systems 1/8" NPT
060G1890	AKS32 0-500 PSI Transducers 8M Cable - Use with ECI Systems 1/8" NPT
060G2101	AKS 33 Pressure Transmitter (4-20ma Output - Use with EKC 316)
060G1037	AKS 32R Pres. Trans. -1 to 12 BAR - Ratiometric output (use with AK2-303 case controller - Requires 060G000812 Din Plug) 1/4 " NPT
060G000812	Din Plug for AKS 32R Transducer

## TEMPERATURE SENSORS

<b>Part #</b>	<b>Description</b>
084N2032	AKS 21W Boiler Temp Probe (fits well with 1/2 NPT)
084N0027	AKS 11 Temp Sensor - 11.5 FT. Cable General Purpose Sensor
084N002701	AKS 11 Temp Sensor - 11.5 FT. Cable w / Molex Connector (only used with 164 case controls)
084N0028	AKS 11 Temp Sensor - 18 FT. Cable General Purpose Sensor
084N002801	AKS 11 Temp Sensor - 18 FT. Cable w / Molex Connector (only used with 164 case controls)
084N0029	AKS 11 Temp Sensor - 27.5 FT. Cable General Purpose Sensor
084N002901	AKS 11 Temp Sensor - 27.5 FT. Cable w / Molex Connector (only used with 164 case controls)
084N3101	AKS 10 Temp Sensor - 11.5 FT. Cable - Air Temp Only (OEM)
084N3103	AKS 10 Temp Sensor - 27.5 FT. Cable - Air Temp Only (OEM)
084N2003	AKS 21 Temp Sensor - High Temp (used for high temp pipe applications) 2.5M Cable
084N2008	AKS 21 Temp Sensor - High Temp (used for high temp pipe applications) 5M Cable
084B5038	AKS 11 sensor w/ 8.5M (27.8') Cable - with AMP connector for AKC161
0C260010	TP-1 Style Sensor - 10' lead (Use with Legacy ECI systems)
0C260011	ECI - TP-1 Style - 20 ft. lead
0THERM3	3 wire sensor (Use with Legacy Danfoss NC-25 Systems)
ASTP2	Air Supply / Duct Probe
080Z2185	Box Temperature Probe Assembly <a href="#">(Old Part Number BXP2)</a>
PTS1000	Product temperature sensor
ZTP2	Zone Temperature Sensor (Temp sensor on cover plate - for HVAC room temperature)
AKCOTC	Condenser Air probe
CTPKIT	Com-Trol and CPC Temp. Sensor Resistor Kit (2 per pkg)
TP1KIT	AK-2 Pullup kit for TP-1 Probe (ECI probes)

## HUMIDITY SENSORS AND LIGHT LEVEL SENSORS

<b>Part #</b>	<b>Description</b>
AKCOTHP	Outdoor Photo Cell / Humidity Sensor / Temp Sensor (Mounted in outside enclosure)
080Z2167	Outdoor Humidity sensor only (will mount in 1/2" conduit knock out) <a href="#">(Replaces EMHS-4)</a>
AKCTDP	Outdoor Dewpoint With PHOTO-OD-1
TADPS	Telaire Dewpoint Sensor - included in the AKCTDP kit
TAENC	Outside enclosure - included in the AKCTDP kit
080Z2171	Humidity sensor w/Indoor Temp. Sensor <a href="#">(Old Part Number EMHS3-1)</a>
080Z2172	Outdoor Photo Cell With Temp Sensor <a href="#">(Old Part Number PHOTO-OD-1)</a>
080Z2168	Photocell without box <a href="#">(For replacment of the sensor in the PHOTO-OD-1, or AKCOTHP)</a>
PHOTO-ID	Photocell - Indoor
080Z2169	Skylight Photocell 0-5000 FC with Resistor (For new applications) <a href="#">(Old Part Number PHOTO-MAS)</a>

## MISC. DEVICES

<b>Part #</b>	<b>Description</b>
CBGATE2	Echelon Interface to Cutler Hammer panel
CAFS-1	Air Flow Switch
DRMON-1	TS Door Monitor Assembly
LDCO2	CO2 Gas Sensor
080Z2250	Current Transformer 0-10/20/40 A (connects to 255 for compressor current monitoring) <a href="#">(Replaces CT-12)</a>
080Z2251	Current Transformer 0-50/100/200 A (connects to 255 for compressor current monitoring) <a href="#">(Replaces CT-14)</a>

**MISC. RELAYS AND TRANSFORMERS**

<b>Part #</b>	<b>Description</b>
41-020	Relay 8 pos. Octal Base
41-070	Relay 12VAC DPDT Pilot Duty 8 pin
41-062	24V Coil 2 Pole Form C Relay
41-064	240V Coil 2 Pole Form C Relay
41-068	Solid State Relay 4-32V Coil
49-100	Current Sensing Relay
55-168	150 VA Wall Mount Control Transformer - 24V
0C017314	56VA/12V Chassis Mount Dual Primary transformer (TF-6)
68-102	5Vdc Din Rail Mounted Power Supply
080Z0271	Din Rail Isolation Amplifier (Din Rail, used in Wal*Mart Lighting Panels)

**ALARM DEVICES**

<b>Part #</b>	<b>Description</b>
AKAHS01	24V Horn/Strobe Red Indoor - Included in AKALA02 system
AKAHS02	24V Horn/Strobe Blue Outdoor - Included in AKALA02 system
99-242	Strobe Alarm light - Amber
99-272	Strobe Alarm light - Blue
OAB-1	Office Alarm Box PC Board w/audio, LED signal & reset (Requires 12V AC)

**EKC AND AK2 CASE CONTROLLERS AND ACCESSORIES**

<b>Part #</b>	<b>Description</b>
084B8024	115V EKC 550 Expansion Valve Controller
084B8026	115V EKC 450 On / Off valve controller
080Z0124	AK2-CC303 Multicase Controller
084B8531	115V EKC 202A (Ref / Def, or Alm)
084B8521	220V EKC 202A (Ref / Def, or Alm)
084B8532	115V EKC 202B (Ref / Def / Fan)
084B8522	220V EKC 202B (Ref / Def / Fan)
084B8533	115V EKC 202C (Ref / Def / Fan / Light, or Alm)
084B8523	220V EKC 202C (Ref / Def / Fan / Light, or Alm)
084B8534	115V EKC 204A (10 output configurations)
084B8520	220V EKC 204A (10 output configurations)
084B8565	EKA 179 LON / 485 option (required a 084B2254 485 to TP-78 bridge to communicate to the AK2 255)
084B8566	EKA 181A, Backup Battery and Buzzer
084B8567	EKA 182A Copy Key
60-274	Metal EKC Bracket
080Z0161	AK-Service Tool Software

### EKC Local Display

<b>Part #</b>	<b>Description</b>
084B8693	EKC 202D1 Stand Alone Display Unit 110V (Green Display) & LON 485 communication card
084B8670	EKA Remote Display (Green Display)
084B8584	EKA Mounting Flange Kit
080Z2121	3 EKC box (4"w X 4" D X 6" Tall) - One EKC 202D mounted.
080Z2122	Single EKC box with One EKC 202D mounted
084B8586	Connector Bag

### EKC 316A SERIES CONTROLLERS FOR WATER CHILLERS

<b>Part #</b>	<b>Description</b>
084B7088	EKC 316A Controller 24V AC (Requires 2 AKS 11 sensors & 1 AKS 33 pressure transducer) .
084B7092	FTT10 Lon Card (EKC 173) - Used with EKC 316 to communicate with AK2-SC 255

### KW TRANSDUCERS AND CTS

<b>Part #</b>	<b>Description</b>
CTB0600	Split Core Buss Bar Style CT W3.5 x L3.5 600A Wattnode CT
CTB0800	Split Core Buss Bar Style CT W3.5 x L3.5 800A Wattnode CT
CTB1200	Split Core Buss Bar Style CT W3.5 x L3.5 1200A Wattnode CT
CTB2000	Split Core Buss Bar Style CT W3.5 x L3.5 2000A Wattnode CT
CTB3000	Split Core buss Bar Style CT W4.5 x L4.0 3000A Wattnode CT
CTB883000	Split Core buss Bar Style CT W8.0 x L8.0 3000A Wattnode CT
CTS0750005	Split core (opening) CT .75 in. I.D. 5 A Wattnode CT
CTS12502	Split Core (opening) CT 1.25 in. I.D. 200A Wattnode CT
CTS12504	Split Core (opening) CT 1.25 in. I.D. 400A Wattnode CT
CTS12506	Split Core (opening) CT 1.25 in. I.D. 600A Wattnode CT
CTT1000050	Toroidal CT 1.00 in.I.D. 50A Wattnode CT Wattnode CT
WATTNODEP1	WATTNODE PLUS 120/208-240V kWh,kW,PF,V,A,KVA Meter - Requires 3 wattnode CTs (Lon Communication)
WATTNODEP3	WATTNODE PLUS 480V kWh,kW,PF,V,A,KVA Meter - Requires 3 wattnode CTs(Lon Communication)
C20106600	Veris kWh Power Transducer 100 amp 3 Phase incl. 3 CTs w. embedded transducer (requires pulse module)
C20106601	Veris kWh Power Transducer 300 amp 3 Phase incl. 3 CTs w. embedded transducer (requires pulse module)
C20106602	Veris kWh Power Transducer 400 amp 3 Phase incl. 3 CTs w. embedded transducer (requires pulse module)
C20106603	Veris kWh Power Transducer 800 amp 3 Phase (medium housing) incl. 3 CTs w. embedded transducer (requires pulse module)
C20106605	Veris kWh Power Transducer 1600 amp 3 Phase 3CTs w. embedded transducer (requires pulse module)
C20106606	Veris kWh Power Transducer 2400 amp 3 Phase 3CTs w. embedded transducer (requires pulse module)
080Z2141	Veris kWh Power Transducer 100 amp 3 Phase incl. 1 CT w. embedded transducer (requires pulse module) FOR BALANCED LOADS
080Z2142	Veris kWh Power Transducer 300 amp 3 Phase incl. 1 CT w. embedded transducer (requires pulse module) FOR BALANCED LOADS
080Z2143	Veris kWh Power Transducer 400 amp 3 Phase Incl. 1 CT w. embedded transducer (requires pulse module) FOR BALANCED LOADS

## MANUALS

<b>Part #</b>	<b>Description</b>
080R9208	AK2 IO Module Manual
080R9209	AK2-SC255 On Site Guide
080R9228	AK2-SC 255 Reference Manual
084R9896	AKC 165 Subcooler Controller Manual

## COMMUNICATION, VIP SOFTWARE AND COMPUTERS

<b>Part #</b>	<b>Description</b>
COMM-EL 120	RS232 to Ethernet converter (For AKC 55 going on a network)
AKA65DRW	Drawing Of Customized Store Layout For VIP - One Drawing Only
080Z2174	AKA65 Communication Software For Windows - Without VIP (GUI Store layout option) <a href="#">(Old PN AKA65SW)</a>
080Z2173	AKA65 Communication Software For Windows - With VIP (GUI Store layout option) <a href="#">(Old PN AKA65SW + AKA65VIP-1)</a>
TSD2100	Touch Screen Monitor - 15" color display
83-080	Desktop Computer
RS232-485K	Converter Kit ( 2 RS232-485 converters with connectors ) - For connecting a VIP via RS485

## KVQ EEPR VALVES

<b>Part #</b>	<b>Description</b>
034L0114	KVQ 22 EEPR Body without Actuator 7/8" ODF Need to order Acuator Separate - <a href="#">(Replaces 034L0246)</a>
034L0115	KVQ 28 EEPR Body without Actuator 1 1/8" ODF Need to order Acuator Separate - <a href="#">(Replaces 034L0247)</a>
034L0249	Acuator for KVQ 15/22, with cable
034L0250	Acuator for KVQ 28/35, with cable

## KVS EEPR VALVES

<b>Part #</b>	<b>Description</b>
034G4052	KVS 15 5/8 X 5/8 ODF (Requires Motor Connection Cable - See below)
034G4053	KVS 15 7/8 X 7/8 ODF (Requies Motor Connection Cable - See below)
034G2058	KVS 42 7/8" X 7/8"
034G2050	KVS 42 1 1/8" ODF
034G2051	KVS 42 1 3/8" ODF
034G2052	KVS 42 1 5/8" ODF
034G3050	KVS 54 1 5/8" ODF
034G3051	KVS 54 2 1/8" ODF
084B2238	KVS Filter (Need 1 per valve over 10m of wire) (Old part number 084X612100)
034G0013	Manual Actuator Box

## ETS Electronic Expansion Valves (For Chiller control, use with EKC 316)

<b>Part #</b>	<b>Description</b>
034G4009	ETS 12.5 - 1/2 X 1/2 ODF (Requires Motor Connection Cable - See below)
034G4010	ETS 12.5 - 5/8 X 5/8 ODF (Requires Motor Connection Cable - See below)
034G4011	ETS 12.5 - 7/8 X 7/8 ODF (Requires Motor Connection Cable - See below)
034G4002	ETS 25 - 5/8 X 5/8 ODF (Requires Motor Connection Cable - See below)
034G4003	ETS 25 - 7/8 X 7/8 ODF (Requires Motor Connection Cable - See below)
034G1008	ETS 50B 7/8" X 7/8" ODF
034G1006	ETS 50B 1 1/8" X 1 1/8"
034G0008	ETS 100B 1 3/8" X 1 3/8"

## AKV-10 & 15 ELECTRONIC EXPANSION VALVES

Part #	Description
018Z7625	Coil 120VDC Conduit Boss with 8' leads
018F7670	Coil 120AC 50/60HZ (120VAC - 60Hz). Conduit Boss, 8' Cable
018F7671	Coil 24VAC Conduit Boss 50 / 60hz 8' leads <a href="#">(Old Part Number 018Z7626)</a>
018F7683	Coil 24VAC 50 / 60hz Junction Box
018F7682	Coil 120AC 50/60HZ (120VAC - 60Hz) Junction Box
068F0549	Gaskets tin-plated copper gasket for AKV (tube of 25)
068F0578	Armature set for AKV-10
068F0556	Orifice #1 for AKV 10
068F0557	Orifice #2 for AKV 10
068F0558	Orifice #3 for AKV 10
068F0559	Orifice #4 for AKV 10
068F0560	Orifice #5 for AKV 10
068F0561	Orifice #6 for AKV 10
068F0562	Orifice #7 for AKV 10
068F1210	AKV 10-1 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F1213	AKV 10-2 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F1216	AKV 10-3 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F1219	AKV 10-4 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F1222	AKV 10-5 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F1225	AKV 10-6 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F1228	AKV 10-7 Expansion Valve 3/8 x 1/2" ODF w/o coil
068F5035	AKV 15-1 Exp Valve 3/4" x 3/4" w/o Coil
068F5036	AKV 15-2 Exp Valve 3/4"x 3/4" w/o Coil
068F5037	AKV 15-3 Exp Valve 7/8" x 7/8" w/o Coil
068F5038	AKV 15-4 Exp Valve 1 1/8" x 1 1/8" w/o Coil
068F5045	Armature kit for AKV-15
068F5263	Gasket set for AKV-15
068F5265	AKV 15-1 Piston Kit
068F5266	AKV 15-2 Piston Kit
068F5267	AKV 15-3 Piston Kit
068F5268	AKV 15-4 Piston Kit

**DANFOSS INC. AIR-CONDITIONING & REFRIGERATION DIVISION**  
**TERMS AND CONDITIONS OF SALE**

1. **CONTROLLING PROVISIONS** – The rights of the parties shall be governed exclusively by these Terms and Conditions. Danfoss' acceptance of purchaser's offer is expressly conditioned upon purchaser's acceptance of these Terms and Conditions and no addition to or modification shall be binding on Danfoss unless expressly agreed to in writing.
2. **ORDER CONFIRMATION** – Danfoss shall not be deemed to have accepted any order unless and until written confirmation of the order has been provided to purchaser. Quotations, pro forma invoices and the like are not orders.
3. **DELIVERY AND RISK OF LOSS** – Delivery terms shall be F.O.B. Sellers Premises with risk of loss passing to purchaser upon delivery. Absent purchaser's special instructions, Danfoss shall choose the carrier, which may not be the least expensive carrier.
4. **HANDLING FEE** - A handling fee of \$25 will apply to all orders under \$50.
5. **PACKING** – Disposable packing is included in the stated price and will not be credited if returned. Reusable packing is not included in the price and shall be returned in accordance with Danfoss' instructions and at its expense.
6. **PAYMENT TERMS** – Subject to credit approval by Danfoss, payment terms are net 30 days from the date of invoice. Should Danfoss fail to approve purchaser's credit or should Danfoss reverse its approval of credit for any reason whatsoever, the terms of payment, at Danfoss' option, shall be C.O.D. or full advance payment prior to shipment. Danfoss reserves the right to withhold any and all shipments if purchaser's account is past due. The purchase price shall be paid in full without regard to any setoffs claimed by purchaser.
7. **TAXES** – Purchaser agrees to provide Danfoss with its assigned tax exemption number and agrees to pay, in addition to the purchase price, all applicable sales, use, excise, value added or other similar taxes.
8. **DELAYS** – Danfoss will use its best efforts to ship by the date specified on this order, but will not be liable to purchaser in case of any delay or inability to ship for any reason.
9. **PRODUCT ALTERATION** – Provided that no agreed technical specification is changed, Danfoss reserves the right to make alterations to its products without notice.
10. **LIMITED WARRANTY** – Danfoss warrants that all supermarket electronic control products will be free from defects in materials or workmanship for a period of 18 months following shipment and that all refrigeration appliances, automatic controls and other Danfoss products will be free from defects in design, materials or workmanship for a period of 18 months commencing on the date stamped on the applicable product. Under this limited warranty, Danfoss' full and exclusive obligation shall be to repair or replace any product that during the warranty period is found to be defective in design, materials or workmanship. Danfoss shall not be obligated to refund the purchase price, nor shall it be obligated to pay for any labor or costs associated with the removal of the defective products or the reinstallation of those products. No warranty coverage will be provided for products that have been altered, used for a purpose other than that for which they were designed or installed contrary to Danfoss' instructions. **DANFOSS MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, AS TO THE PRODUCTS, EXCEPT AS SET FORTH ABOVE. DANFOSS HEREBY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL DANFOSS BE LIABLE FOR ANY LOST PROFITS OR FOR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR OTHER SPECIAL DAMAGES ARISING OUT OF OR RELATED TO ITS PRODUCTS REGARDLESS OF WHETHER SUCH DAMAGES ARE SOUGHT BASED ON CAUSES OF ACTION SOUNDING IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY OR BREACH OF WARRANTY.**
11. **WARRANTY PROCEDURES** – To make a claim under the express warranty set forth in paragraph 10, purchaser must (a) immediately notify Danfoss in writing of the alleged defect; (b) obtain a Return Materials Authorization ("RMA") from Danfoss, which RMA number shall be valid for 30 days; (c) return the potentially defective products to Danfoss, insurance and freight prepaid, with the package bearing the required RMA number, (d) include with the return its written statement of the reasons why the product is being returned, and (e) ship the products free of extraneous equipment, but compressors must be fitted with their electrical equipment. Provided that Danfoss determines the returned products do comply with its limited warranty and provided that purchaser is current in all of its financial obligations to Danfoss, Danfoss will return the repaired or replaced product to purchaser, insurance and freight prepaid.
12. **CHANGE ORDER REQUEST**— An accepted order that is scheduled to ship within the quoted lead time can be delayed once up to a maximum of 30-days. Orders outside of the quoted lead time can be changed or cancelled, but must be confirmed by Danfoss in writing.
13. **CHOICE OF LAW AND FORUM** – This order shall be construed and the rights of the parties shall be interpreted in accordance with the laws of Maryland. The parties agree that Maryland courts shall be the exclusive forum for any dispute arising under this order. The parties expressly waive any objections based on personal jurisdiction or venue and consent to service of process by certified mail, return receipt requested.