

# INTERNATIONAL COLD STORAGE CO., INC.

## ONE PIECE WALK-IN

### ARCHITECTURAL SPECIFICATION

*This model specification is designed as an aid to Architectural, Engineering, and Food Service Consultant specification writers in preparing outside walk-in refrigeration equipment specifications. Where  items appear a selection of one of the alternatives is required by the specifier. Due to our policy of continuous product improvement ICS reserves the right to change specifications without notice.*

#### 1.0 GENERAL

- 1.1 The equipment provided under this specification shall be factory prefabricated and of unitized design. Equipment shall be assembled at manufacturer's facility, ready to be transported to owner's business for final installation without further assembly. The manufacturing technology should allow for future relocation without disassembly. The equipment shall require an on site contractor responsible for flashing of unit to adjoining building wall (if required), connection of electrical power supply to each refrigeration system, and pouring of concrete equipment pad. Walk-ins shall be ICS (International Cold Storage Co., Inc., Andover, Kansas) Model No. \_\_\_\_\_. Other manufacturers' products will be considered if submitted with specification sheets showing compliance with above and the following specifications.
- 1.2 The walk-in shall be in conformance with the following model building codes where applicable:
- A. International Conference of Building Officials (ICBO).
  - B. Southern Building Code Congress International (SBCCI).
  - C. Building Officials Congress Association (BOCA).
  - D. National Electrical Code (NEC).
- 1.3 The Walk-in shall bear the label of the following national certification agencies:
- A. NSF International (Std. #7).
  - B. Underwriters Laboratories, Inc. (Door Panel Assemblies, components, commercial walk-in, and refrigeration systems).

#### 2.0 SIZE AND CAPACITY

- 2.1 The Walk-in shall be built to specified interior and exterior dimensions as shown on the plans and drawings. Units built to "Nominal" dimensions shall not be acceptable.
- 2.2 The Walk-in shall have sufficient refrigeration to maintain 35° to 38° F in compartments designated as "cooler" and 0° to -10° F in compartments designated "freezer" unless otherwise indicated in these specifications, when the condenser ambient temperature is 100° F. The equipment is designed for the holding of products not quick chilling, freezing, or merchandising unless otherwise noted.

#### 3.0 CONSTRUCTION

- 3.1 Each building unit shall consist of an inner and outer precision formed metal skin. The interior pan shall be flanged and mechanically fastened six inches on center. The exterior material shall be configured into an "S" for a tongue and groove connection to provide continuous sealing along the entire joint.
- 3.2 Floors, walls, and roofs shall have a full 4 inches foamed-in-place insulation. They shall have no panel joints thus creating a one piece, structurally rigid module.
- 3.3 Partition walls shall be constructed in accordance with the specifications for the interior walls. All partition walls shall have full 4 inches foamed-in-place insulation and thermal breaks to prevent condensation and heat transfer between compartments.
- 3.4 There shall be no use of sealing or caulking materials in the food zone of the Walk-in for any purpose.

#### 4.0 FLOOR

- 4.1 A  insulated 4" thick prefabricated finish floor  floorless unit shall be supplied.  The floor shall be supplied without panel lock access holes. The floor shall be constructed for use at an elevation  directly on grade slab  1 1/2" above grade on permanent steel skids.  The 1 1/2" elevation

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provides for air circulation under the floor to eliminate corrosion and the need for an insulated and/or ventilated slab. The floor shall have capacity to support a minimum of 145 Lbs./Sq. Ft. of evenly distributed load when elevated or 500 Lbs./Sq. Ft. when installed on grade.

#### 5.0 METAL FINISHES

- 5.1 The interior wall and ceiling finish shall be:
- A.  .032" stucco embossed aluminum (6'-0" through 11'-0" wide unit standard)
  - B.  .040" stucco embossed aluminum (12'-0" through 14'-0" wide unit standard)
  - C. Optional  .032" stucco embossed white aluminum
  - D. Optional  .040" stucco embossed white aluminum
- 5.2 The exterior wall finish shall be .032 minimum stucco embossed aluminum with:
- Polar White  Autumn Brown  Mist Gray  Taupe  Almond  Hot Chocolate factory baked on polyester finish or  Natural mill aluminum
- 5.3 The interior floor finish shall be:
- A.  16 Ga. galvanized steel, for Non NSF listed products
  - B.  .090" mill finish aluminum (standard), for NSF listed products
  - C.  .100" aluminum tread plate, for NSF listed products
  - D.  .125" mill finish aluminum plate, for NSF listed products
  - E.  .125" welded seam, mill finish aluminum plate, for NSF listed products
  - F.  18 Ga. type 304 stainless steel, for NSF listed products

#### 6.0 INSULATION

- 6.1 All insulation shall be minimum 4" thick, poured in place, rigid polyurethane foam bonded to adhesive prepped inner and outer metal surfaces.
- 6.2 The thermal conductivity (K) shall not exceed .14 (BTU) (IN)/(HR.) (Sq. Ft.) (F). The thermal resistance (R) factor shall not be less than 28 in exterior walls, partition walls, and floor, and not less than 35 to 50 in the roof (depending on the slope of the roof).
- 6.3 The insulation shall be UL or FM Listed Class I having a flame spread of not more than 20, and smoke developed of less than 400. Self ignition temperature is 1031°F minimum and flash ignition temperature is 844°F maximum.

#### 7.0 LIGHTING

- 7.1 Unit shall be complete with interior  incandescent  fluorescent light fixtures of sufficient number to produce a light level of 10 foot candles minimum. All light fixtures and optional accessories wiring to be concealed in wall or ceiling and to be factory installed and tested for proper operation prior to shipment.

#### 8.0 PERSONNEL ENTRY DOOR

- 8.1 Doors shall be 4" thick and insulated with poured in place insulation of the same specifications as used in the walls.
- 8.2 Doors shall be hinged as shown on the drawings.
- 8.3 Standard door frame construction shall consist of galvanized steel and aluminum jamb with 1/4" steel hardware mounting plates foamed in place in door jamb to prevent twisting, racking or warping of door and jamb assembly.
- 8.4 All standard size doors opening into a controlled temperature room shall be supplied with door frame heaters which shall supply sufficient heat to prevent condensation or frost accumulation.
- 8.5 Standard size and pass doors shall be supplied with a vinyl balloon type, magnetic gasket around the perimeter. Flush bottom doors shall be provided with adjustable vinyl sweep gasket. When door is closed, it shall form a positive airtight seal. Door gaskets shall be installed in retainer strips to provide a thermal break and for easy replacement in the field.
- 8.6 Standard size doors shall incorporate a positive snap action latch with adjustable strike. The latch

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shall be equipped with an inside safety release mechanism to prevent accidental or malicious entrapment. The hardware shall be chrome finished and mounted with stainless steel, tamper proof, fasteners on doors opening to the outdoors.

- 8.7 Standard size doors shall be equipped with two heavy duty style door hinges. They shall be cam lift type with nylon bearings mounted on steel pins. Hardware shall be chrome finish.
- 8.8 All standard size, exterior wall, personnel entry door jamb assemblies shall be UL listed for both interior and outdoor use and they shall be so labeled.
- 8.9 The following doors are required in the location as shown on the plans and drawings.

<p>Standard Entry Door Sizes</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 30" x 72"</li> <li><input type="checkbox"/> 30" x 78"</li> <li><input type="checkbox"/> 36" x 72"</li> <li><input type="checkbox"/> 36" x 78"</li> </ul>	<p>Optional Personnel Entry Door Sizes</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 48" x 72"</li> <li><input type="checkbox"/> 48" x 78"</li> <li><input type="checkbox"/> 48" x 84"</li> <li><input type="checkbox"/> 60" x 72"</li> <li><input type="checkbox"/> 60" x 78"</li> <li><input type="checkbox"/> 60" x 84"</li> </ul>	<p>Product Loading Door Sizes:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 24" x 24"</li> <li><input type="checkbox"/> 30" x 30"</li> <li><input type="checkbox"/> 36" x 36"</li> </ul>	<p>Steel Service Door Sizes:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 36" x 80"</li> <li><input type="checkbox"/> 42" x 80"</li> <li><input type="checkbox"/> 48" x 84"</li> </ul>
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- 8.10 Each personnel entry door jamb shall include an NSF labeled light fixture connected to a vapor proof toggle switch mounted adjacent to the door's inside release mechanism on the interior door frame.
- 8.11 Pass Doors shall be supplied with inside locking provisions, operable from inside of Walk-in only for security purposes.

**9.0 TEMPERATURE INDICATING THERMOMETER**

- 9.1 A two inch diameter temperature indicating thermometer shall be supplied at the personnel entry door.

**10.0 DOOR LOCKING BAR**

- 10.1 All doors not specified as Service, Thru-the-Wall™, or partition type shall be equipped with a locking bar to prevent unauthorized malicious entry into the Walk-in. The locking bar shall be supplied with an inside safety release mechanism.

**11.0 DOOR DRIPSHIELD**

- 11.1 A dripshield shall be supplied on all doors except Thru-the-Wall™, and partition type.
- 11.2 The dripshield shall act to divert rain and ice from the gasket area of all exterior doors. It shall match exterior wall finish and shall be factory mounted.

**12.0 ROOF**

- 12.1 A metal standing seam type roof system shall be factory installed to provide a waterproof covering over the ceiling assembly of the Walk-in.
- 12.2 The roof shall overlap the exterior finish walls on all sides and shall have no roof punctures or penetrations.
- 12.3 The roof system shall be of not less than 24 gauge galvanized steel and shall be pitched 1/2 inch per foot over span of the roof.
- 12.4 The roof shall carry the manufacturer's five (5) years material and labor--repair or replacement warranty (see warranty for complete details).

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**13.0 OPTIONAL ACCESSORIES**

The following optional equipment and/or accessories are to be provided with the walk-in where indicated:

**13.1 INTERIOR FLOOR RAMP:**

Shall be sized the width of the door x  20",  24",  28",  30", long and shall be complete with  .090" aluminum,  .10" aluminum tread plate.

**13.2 EXTERIOR FLOOR RAMP:**

Shall be sized the width of the door x  30",  36", long shall attach to the front of the door jamb by means of removable bolts, and shall have an aluminum treadplate surface.

**13.3 INTERIOR STAINLESS STEEL DOOR KICK PLATE:**

Shall be not less than 18"H x width of door and of 18 Ga. type 304 stainless steel with corners beveled and deburred.

**13.4 EXTERIOR STAINLESS STEEL DOOR KICK PLATE:**

Shall be not less than 18"H x width of door and of 18 Ga. type 304 stainless steel with corners beveled and deburred.

**13.5 INTERIOR TREAD PLATE ALUMINUM DOOR KICK PLATE:**

Shall be not less than 48" high x width of door and of .100" alloy 3003 aluminum treadplate with corners beveled and deburred.

**13.6 EXTERIOR TREAD PLATE ALUMINUM DOOR KICK PLATE:**

Shall be not less than 24" high x width of door and of .100" alloy 3003 aluminum treadplate with corners beveled and deburred.

**13.7 AUXILIARY DOOR LOCK (AMERICAN SERIES 2200):**

Shall be American Lock Company Series 2200 constructed of forged steel.

**13.8 CYLINDER LOCK DOOR LATCH:**

Shall be key operated (furnished with two keys), chrome plated and complete with inside release mechanism to prevent malicious entrapment.

**13.9 DIGITAL TEMPERATURE INDICATOR:**

Shall be factory installed on each door jamb at eye level, battery operated type, and shall be factory calibrated for +/- 2°F accuracy.

**13.10 COMMERCIAL GRADE DOOR CLOSER (HYDRAULIC ARM TYPE):**

Shall be International Model No. 63 bolted to door and jamb by means of 1/4" steel foamed-in-place hardware mounting plates.

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**13.11 PLASTIC STRIP DOOR CURTAIN:**

Shall be NSF approved and labeled and not less than 1/8" thick clear vinyl material. Curtain shall remain clear at compartment operating temperatures. Individual panels of strip curtain shall overlap jamb and each other by not less than 1" and shall touch (-/+ 1/4") floor of walk-in. Strip door curtain shall not be factory mounted if unit is UL listed.

**13.12 FRAMED WALL OPENING:**

Shall be of the dimensions shown and located as shown on the plans and drawings and shall be finished with same material and in same manner as the door jamb.

**13.13 OBSERVATION WINDOW:**

Shall be [\_\_\_\_\_] " x [\_\_\_\_\_] " and factory mounted in entrance door. The window shall be  double  triple pane glass. The window shall be heated for use on compartments +32°F and below.

**13.14 MERCHANDISING DOORS:**

Shall be of the size and number shown on the plans and drawings. They shall be factory mounted and complete with: magnetic gaskets, polished extruded aluminum frames, pull type door handles, self closing hinges,  two,  three, panes of tempered safety glass with heated glass on +32°F and below applications, door and frame heaters, and fluorescent lights. Five tier shelving shall be included as shown on plans and drawings.

**13.15 TEMPERATURE ALARM:**

Shall be provided to activate when compartment temperature rises above the set point. Signal shall consist of red warning light and buzzer located as shown on plans and drawings. Power shall be 120V/60Hz/1p with battery backup in case of power failure. Temperature alarm to be factory mounted.

**13.16 TEMPERATURE AND/OR HUMIDITY RECORDER:**

Shall be factory mounted and located as shown on plans and drawings. Recorder shall be electric (120V/60Hz/1p) 7-day clock, graph type with enclosure suitable for outside installation. Recorder shall be complete with 100 blank charts and ink.

**13.17 CLASS 1 ELECTRICAL SYSTEM:**

Shall be provided in the interior of the unit. Wiring and electrical components shall be factory installed and in conformance with the National Electric Code.

**13.18 PILOT LIGHT SWITCH:**

Shall be provided as shown on plans and drawings. Switch shall be factory mounted and shall show red indicator when switch is in the "on" position. Switch shall be vapor proof.

**13.19 FLUORESCENT LIGHTING:**

Shall be factory installed in unit. Fixtures shall be surface mount, four foot, two bulb, -20°F ambient type ballast, NSF approved, and so labeled. Fixtures shall be installed with no exposed conduit. A quantity of [\_\_\_\_\_] fixtures required.

**13.20 THREE WAY LIGHT SWITCHING:**

Shall be factory installed in unit. Switches shall be flush mounted, vapor proof, and shall allow the lighting

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system to be turned "off" or "on" at either switch location.

**13.21 REMOTE CONDENSING UNIT MOUNTING:**

Shall be supplied for installation at location by others as shown on plans and drawings. System shall be complete as specified in section 14.0 "Self Contained Refrigeration System(s)" except for suction line piping and insulation, liquid line piping, and interconnecting wiring and conduit between condensing unit control panel and evaporator electrical panel. Refrigerant lines from evaporator shall be piped to exterior of walk-in, capped, and the evaporator charged with dry nitrogen. Refrigerant lines from the condensing unit shall be piped to the exterior of the weather hood, capped with copper caps, and charged with refrigerant. Interconnecting wiring from condensing unit to evaporator coil shall be from clearly marked terminals to clearly marked terminals. A wiring diagram showing the required interconnecting wiring shall be furnished. All on-site electrical shall be in conformance to The National Electrical Code and local electrical codes. All on site refrigeration piping, refrigerant charging, and system start-up procedures shall be done according to ASHRAE recommended procedures and in conformance with local mechanical codes.

**13.22 PRESSURE RELIEF VENT:**

Shall be factory installed in location as shown on plans and drawings. Pressure relief vent shall include interior and exterior metal covers, 120V/60 Hz/1p anti-freeze heater assembly, fully closeable spring loaded metal damper assembly to close vent when not venting, and a PVC sleeve to protect urethane foam in wall structure. The pressure relief vent shall be not less than 12 sq. in. in size and the power supply to it shall have no exposed conduit.

**13.23 SUPPLEMENTARY COMPARTMENT HEATER:**

Shall be included with the refrigeration system and shall be factory installed and wired. The heater shall be of sufficient capacity to maintain a +35°F compartment temperature with a -40°F ambient temperature. The supplementary heater shall be complete with all required safety and operating controls.

**13.24 REFRIGERATION SYSTEM SWITCH:**

Shall be factory mounted on the face of the evaporator coil. Switch shall allow refrigeration system to be turned off for short periods of time for personnel comfort. Switch shall be wired so as to shut off evaporator fans and cause system to pump down when switch is turned to off position.

**13.25 ROOF FLASHING KIT:**

Shall be furnished with unit for use by contractor in flashing unit to adjacent building. Flashing kit shall include 24 GA galvanized flashing material and installation drawings and directions. Contractor to provide roof counterflashing, and caulking materials. Contractor to install flashing per detail shown on manufacturer plans and drawings. No punctures of any kind to the walk-in roof shall be acceptable.

**13.26 STUCCO FLASHING (DRIP EDGE) KIT:**

Shall be factory installed on the walk-in. Drip edge flashing shall provide a convenient transition from any architectural finish applied directly to walk-in exterior walls. This flashing will extend under the roof and provide positive water run-off over the top edge of the stucco or architectural finish. Flashing material is of the same material and color as the exterior siding of the walk-in.

**13.27 OPTIONAL INTERIOR METAL FINISH:**

The interior metal wall and ceiling surfaces shall be constructed of the following metal:

- .032" white stucco embossed aluminum
- .040" natural stucco embossed aluminum
- 24 gauge type 304 stainless steel

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**13.28 MEAT RAIL:**

Shall be factory installed in unit. Meat rails shall be NSF approved and so labeled and shall be of cantilever design. Meat rail system shall include floor to ceiling, wall mounted support posts and a quantity of [ ] rail(s). System shall be of cold rolled galvanized steel and shall be rated at 400-600 lbs./ft.

**13.29 SHELVING:**

Shall be adjustable, sectional type of size and number of tiers shown on the plans and drawings. Shelving shall be NSF approved and so labeled. Shelving system shall be free standing and shall include all necessary posts, shelves, shelf stops, post closures and floor plates required for complete system. Shelving shall be  Stainless steel,  Gold Bond,  Plating-Plus,  Chrome,  Super-Seal as manufactured by International Storage Systems (ISS).

**13.30 FLOOR DRAIN:**

A floor drain shall be factory installed in the unit with drainpipe exiting sidewall of walk-in where shown on plans and drawings. Floor drain shall consist of 24" x 24" x 3/4" depressed floor pan catch basin, 1" diameter drain screen, 1" PVC pipe drain with integral trap and a 1" diameter x 2" long male extension beyond sidewall of unit for easy on site connection.

**13.31 MECHANICAL EQUIPMENT REINFORCEMENT:**

Shall be factory installed and foamed in place where shown on plans and specifications. Anchor plates shall be 2" x 6" x length required. They shall be clearly marked for easy attachment of field installed equipment.

**13.32 NONSKID ABRASIVE FLOOR STRIPS:**

Shall be factory installed in aisle ways of unit only if UL listing is not specified. Strips shall be 2" x 30" each and on 6" centerlines. Strips shall be installed in a neat and workmanlike manner with an adhesive that is resistant to oils, grease, and water and is suitable for +40°F and below temperatures.

**13.33 DOOR LOCKING BAR:**

Shall be constructed of 1/4" case hardened zinc plated steel and factory installed inside of the door cavity, on doors which provide (outdoor) access to unit. Assembly shall include inside release mechanism to prevent malicious entrapment.

**13.34 STEEL SERVICE DOOR:**

Shall be factory installed in location shown on plans and drawings. Door to provide exterior access to non-refrigerated compartments. Door shall be constructed of 18 Ga. primed steel and equipped with security peephole, panic bar type inside release, ball bearing hinges, key locking latch and felt door sweep. Door jamb shall be 16 Ga. primed steel with foam weather strip and a parallel arm type hydraulic door closer.

**13.35 REINFORCED FLOOR AISLE:**

Shall be factory installed in aisle ways where shown on plans and drawings where heavy cart or dolly traffic is anticipated. Area shall be reinforced with 2"x6" members and 3/4" plywood subfloor. The finished floor material shall match the material specified for remainder of compartment. Reinforced area shall be 46 1/2" wide x [\_\_\_\_\_] long.

**13.36 SPEED DOOR:**

Shall be factory installed in location shown on plans and drawings. Speed door shall be 2" thick and insulated with poured in place insulation of the same specifications as used in the walls. Speed door to be used only in

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applications +35°F and above. Speed door shall be self closing to eliminate need for latch and strike.

**13.37 REGIONAL EQUIPMENT COMPLIANCE LISTING(S):**

Shall be factory provided to demonstrate compliance with the materials, methods of construction, electrical components or refrigerant piping practices required by the particular governing entity for approval to install the unit. Each unit shall be built in compliance with the specified requirements, shall be registered with the appropriate governing entity and shall be labeled, as required, to show approval has been obtained. Approvals shall be provided for units to be installed in the following jurisdictions:  Ohio,  Oregon,  City of Houston,  Dade County.

**13.38 HURRICANE WIND TIE DOWNS:**

Tie downs shall be factory provided for installation by others. The tie downs (4-each) shall be installed by anchoring the 1/4"x 4" flat aluminum plate to the face of the walk-in with the appropriate fastener as shown in the installation manual. The 4"x 4" flat bar aluminum base plate anchors to the concrete slab by placement of (1) 3/4" Stainless steel adhesive anchor and adhesive capsule.

**13.39 CORNER TRIM:**

This shall be factory provided for installation by others. Each corner trim piece (2 required) shall be of the same material and color as the siding of the walk-in, shall be the full height of the walk-in, and shall be complete with fasteners and installation instructions.

**13.40 DOOR TRIM KIT:**

Shall be factory provided for field installation. Door trim kit to trim between walk-in door area and wall of customer's building. Trim pieces to be of same color and material as door. Kit to include necessary fasteners.

**13.41 FLOOR LESS UNIT INTERIOR TRIM:**

Shall be factory provided and installed by walk-in manufacturer. Interior floor trim pieces shall be of the .090" mill finish aluminum formed with 1/4" radius, and shall be complete with fasteners, and sealing materials.

**13.42 RAISED DOOR THRESHOLD:**

Shall be factory provided and installed for use in each compartment to be tiled. Finish threshold height shall be of [\_\_\_\_\_] to match the total mud and tile height.

**13.43 COMMON WALL EXTERIOR TRIM:**

Shall be factory provided and installed by walk-in manufacturer. Common wall exterior trim kit shall include corner trim, joint siding trim, roof peak cap, and fastening and sealing materials as required. All trim pieces to match adjoining surfaces in color and materials.

**13.44 SPECIAL CONDENSATE LINE ROUTING**

Shall be factory provided and installed by walk-in manufacturer. Routing shall be inside the walk-in and from the evaporator drain pan outlet(s) to location shown on manufacturer drawings. Condensate piping shall include heater cable in all compartments that operate at less than 32°F and shall be securely fastened to the walk-in walls at not less than four foot intervals, and shall maintain a positive slope for drainage of not less than 1" per foot.

**14.0 SELF CONTAINED REFRIGERATION SYSTEM(S)**

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- 14.1 Packaged refrigeration system(s) shall be manufactured, factory installed and factory tested by the Walk-in unit manufacturer.
- 14.2 Systems shall be complete and ready to operate without field assembly, installation, or start-up required.
- 14.3 Refrigerants shall be non-flammable type R-404a (HFC) in compartments operating below 32°F, and either R-22 (HCFC) or R-404a(HFC) in compartments operating above 32°F.
- 14.4 Electrical controls including system disconnect shall be supplied, installed and ready to operate with single point electrical connection by others.
- 14.5 Refrigeration system(s) shall be complete with outdoor roof mount type, horizontal discharge air cooled condenser, Copeland or Tecumseh hermetic, semi-hermetic Discus™, or scroll compressor with overload protection and contactors (as required), UL listed weatherhood finished to match exterior wall finish (3 H.P. and lower), fan guards, receiver tank with liquid shut off valve, suction line accumulator (R-404a hermetic and semi-hermetic Discus™ systems), liquid line filter/drier and sight glass, high/low pressure control, liquid line solenoid valve, crankcase heater, low ambient control, room thermostat, wired in accordance with NEC standards.
- 14.6 Evaporator blower coil(s) shall be furnished with appropriate defrost for operating temperature range. Electric defrost shall be included on all refrigeration systems operating at +32° F and below. Electric defrost shall be time initiated and temperature terminated with time override and fan delay to reduce room condensation. All condensate pans shall be piped with PVC drain lines complete with UL listed heater (except +35°F systems) exiting the wall shown on the manufacturer plans. Evaporator blower coils shall be located as shown on manufacturer plans and drawings.
- 14.7 Walk-ins shall be complete with pipe and electrical conduit chases to match exterior of unit.

**15.0 WARRANTIES**

- 15.1 Complete Walk-in (including refrigeration and electrical system) shall have a one (1) year parts, labor, and refrigerant repair or replacement warranty.
- 15.2 Insulated Structure - Additional four (4) years labor and material repair or replacement warranty.
- 15.3 Refrigerant Compressor - Additional four (4) years replacement parts only.