

Seasons-4, Incorporated
SUPERMARKET ENGINEERING SPECIFICATION REQUEST FORM
 Send completed form to: Phone(770)489-0716 Fax (770)577-6875

STORE NAME: _____ LOCATION: _____
 DATE PREPARED: _____ CONTACT PERSON: _____
 PHONE # _____ SALESMAN: _____
S4 PRELIMINARY NUMBER: _____ **DUE DATE:** _____

PERFORMANCE DATA			
TOTAL SENSIBLE CAPACITY (BTU/HR) (Sum internal sensible load, fan motor heat, ventilation gain, subtract case credits)			
TOTAL LATENT CAPACITY (BTU/HR) (Sum internal latent load--people and equipment, ventilation gain)			
TOTAL CAPACITY (BTU/HR) (SUM OF SENSIBLE AND LATENT LOADS ABOVE)			
TOTAL AIRFLOW (CFM)			
OUTDOOR AIRFLOW (CFM)		O.A. TEMP('FDB/'FWB)	
HIGH SALES RETURN AIRFLOW (CFM)		HI R.A. TEMP('FDB/'FWB)	
UNDERCASE RETURN AIRFLOW (CFM)		LO R.A. TEMP('FDB/'FWB)	
SPACE CONDITIONS ('FDB/'FWB OR %RH OR DEWPOINT)			
EXTERNAL STATIC PRESSURE (IN. W.C.)			
SYSTEM VOLTAGE			
NUMBER OF REFRIGERANT CIRCUITS			

Note: RH or grains per pound may be substituted for WB. Please indicate if a substitution has been made.

IF ALTITUDE IS ABOVE 2000 ft, PLEASE CHECK BOX THAT APPLIES TO SPECIFIED CAPACITIES

DOES NOT REQUIRE ADJUSTMENT FOR ALTITUDE REQUIRES ADJUSTMENT FOR ALTITUDE

GAS HEATING DATA			
HEATING INPUT(BTU/HR)	HEATING OUTPUT (BTU/HR)	STAGES (2 STAGE OR MOD)	FUEL (NAT.GAS, LP)

FLUID (WATER/GLYCOL) HEATING DATA				
FLUID TYPE	CAPACITY (BTU/HR)	ENT. FLUID TEMP	LEAVING FLUID TEMP	FLOWRATE(GPM)

ELECTRIC HEATING DATA		
HEATING CAPACITY (KW)	HEATING CAPACITY (BTU/HR)	(S) SPIRAL FIN or (O) OPEN COIL

UNIT SELECTION (MARK UNIT DESIGN PREFERENCE)

IMPROVED SINGLE PATH AIR HANDLER/COND UNIT-show duct locations
 DUAL PATH (HUMID CLIMATE, UNDERCASE RETURN AIR) DIAMOND (UP TO 25 TONS)
 DUAL SUPPLY WITH DEDICATED HR COIL FOR CASE AISLE CLASSIC (UP TO 40 TONS)

UNIT OPTIONS (MARK REQUIRED EQUIPMENT)

<input type="checkbox"/> (S) SCROLL COMPS OR (R) RECIP COMPS <input type="checkbox"/> AIR FOIL FAN*** (H) HOUSED(DWDI) or (P) PLENUM(SWSI) <input type="checkbox"/> POWER BURNER <input type="checkbox"/> DUCT FURNACE (MAX.1200 MBH, PLENUM FAN REQUIRED) <input type="checkbox"/> HEAT RECLAIM COIL <input type="checkbox"/> HOT GAS REHEAT COILS (50% OR 100% CAPACITY) <input type="checkbox"/> CHILLED WATER COIL (LIST EWT, LWT, GPM, FLUID TYPE) <input type="checkbox"/> SUBCOOL/REHEAT COIL (IF REQUIRED) <input type="checkbox"/> HEAT PIPE <input type="checkbox"/> COASTAL PROJECT REQUIRES COIL PROTECTION* COATED COILS *Specify coated coils or copper fin/copper tube construction	<input type="checkbox"/> MODULATING O.A. CFM (list range: _____) <input type="checkbox"/> HI AND LOW SPEED S.A. FAN MOTORS <input type="checkbox"/> SUPPLY AIR FAN VFD <input type="checkbox"/> SOUND ATTENUATION (SPECIFY) <input type="checkbox"/> 850 RPM COND. FANS(for noise reduction) <input type="checkbox"/> UNIT HEIGHT RESTRICTIONS (SPECIFY) <input type="checkbox"/> EER CALCULATION <input type="checkbox"/> R-407C REFRIGERANT <input type="checkbox"/> R-410A REFRIGERANT <input type="checkbox"/> VESTIBULE (Y) YES (N) NO
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LIST SPECIAL INSTRUCTIONS ON A SEPARATE SHEET OR ATTACHMENT

rev. 03/04/2011