

UNIT NOMENCLATURE NAMEPLATE ENGINEERING DATA

BASIC PART NUMBER

QRC3100RSE40XAA

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BASE PRODUCT TYPE				NOMINAL CAPACITY				UNIT DESIGNATOR	REFRIGERANT	VOLTAGE/STARTER			DESIGN/DEVELOPMENT LEVEL	
Q	R	C		#	#	#	#	S	E	1	7		A	
: QUANTECH				53.28 Tons				Standard	:R-410A	:200/3/60			:Design Series A	
: Chiller				61.73				H High Efficiency		:230/3/60			:Development	
3 : Water Cooled				69.76						:380/3/60			Level B	
: Scroll				81.33						:460/3/60				
				97.22						:380-415/3/50				
				105.6						:575/3/60				
				123.9						X :Across the Line Start				
				139.8					T :Soft Start					
				168.4										

PART NUMBER – LETTER CODES

16 17 18 19 POWER FIELD	20 21 22 23 24 25 26 27 28 CONTROLS FIELD	29 30 31 32 33 COMPRESSOR / PIPING FIELD
X X : SP TB B X : SP CB S D : SP NF Disc. Sw. M B : MP TB w/ Sep. Sys. CB T : Control Transformer (Factory)	X : BAS/EMS Temp. Reset / Offset X : English Language Kit (Standard) F : French LCD & Keypad Display G : German LCD & Keypad Display I : Italian LCD & Keypad Display S : Spanish Language Kit X : Discharge & Suction Press. Transducers C : European Safety Code (CE) L : N. American Safety Code (cU.L./cETL) X : No Sequence Kit	# # : Leaving Supply Temp. T S : Thermal Storage G : Both Suction Isolation & Dual Relief Valves R : Dual Relief Valves S : Service Isolation Valve X : Liquid Line Solenoid Valve E : Electronic Expansion Valve 1 : Hot Gas By-Pass (1 circuit)

MP = Multiple Point
SP = Single Point
NF = Non-Fused
TB = Terminal Block
Ser. = Service
Ind. Sys. Brkr. & L. Ext. Handles = Individual System Breaker & Lockable External Handle

34 35 36 37 38 39 40 EVAP. FIELD	41 42 43 CONDENSER FIELD	44 45 46 47 48 49 50 51 52 53 54 CABINET FIELD
E : Comp. Ext. Overloads X : 150# PSI DWP D : Double Thick Insulation V : Victaulic Flange	D : Diff. Press. Sw. E : 2 Diff. Press. Sw. F : 3 Diff. Press. Sw. S : Flow Sw. T : 2 Flow Sw. U : 3 Flow Sw. A : ASME Pressure Vessel E : CE Pressure Vessel	X : Copper Tubes B : Compressor Sound Enclosure X : Form 1 Ship (Full Charge) 2 : Form 2 Ship (Holding Charge) S : Final Overspray Paint 1 : 1" Deflection S : Seismic N : Neoprene Pads

57
SHIPPING INSTRUCTIONS
 A : Buy American Act Compliance
 C : Container Shipping Kit
 B : Buy American Act Compliance & Container Shipping Kit

61
PLANT OF MANUFACTURE
 R : Monterrey

NOTES:
 1. Q :DENOTES SPECIAL / S.Q.
 2. # :DENOTES STANDARD
 3. X :w/in OPTIONS FIELD, DENOTES NO OPTION SELECTED
 4. Agency Files (i.e. U.L. / ETL; CE; ARI; ETC.) will contain info. based on the first 14 characters only.
 5. Plant of manufacture to include PIN 61 upon entering the chiller order.