



Model Number Description

Y S C 060 A D R L A ** C 0 0 0 0 0 0 0 0 1
 1 2 3 4,5,6 7 8 9 10 11 12,13 14 15 16 17 18 19 20 21 22 23 24 25

Digit 1 - Unit Function

Y = DX Cooling, Gas Heat

Digit 2 - Efficiency

S = Standard Efficiency

Digit 3 - Airflow

C = Convertible

Digits 4,5,6 - Nominal Gross Cooling Capacity (MBh)

	<u>KW</u>	<u>Tons</u>
060	17.6	5
072	21.1	6
090	26.4	7.5
102	29.9	8.5
120	35.1	10

Digit 7 - Major Design Sequence

A = First

Digit 8 - Unit Voltage

D = 380-415/50/3

Digit 9 - Unit Controls

R = ReliaTel™ Microprocessor

Digit 10 - Heating Capacity

L = Low

H = High

Digit 11 - Minor Design Sequence

A = First Sequence

Digits 12, 13 - Service Sequence

** = Factory Assigned

Digit 14 - Fresh Air Selection

0 = No Fresh Air

A = Manual Outside Air Damper 0-50%

B = Motorized Outside Air Damper 0-50%

C = Economizer, Dry Bulb 0-100% without Barometric Relief

D = Economizer, Dry Bulb 0-100% with Barometric Relief

E = Economizer, Reference Enthalpy 0-100% without Barometric Relief

F = Economizer, Reference Enthalpy 0-100% with Barometric Relief

G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief

H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief

Digit 15 - Supply Fan/Drive Type/Motor

0 = Standard Drive

1 = Oversized Motor

Digit 16 - Hinged Service Access Filters

0 = Standard Panels/Standard Filters

A = Hinged Access Panels/Standard Filters

B = Standard Panels/50 mm (2") Pleated Filters

C = Hinged Access Panels/50 mm 2" Pleated Filters

Digit 17 - Condenser Coil Protection

0 = Standard Coil

1 = Standard Coil with Hail Guard

2 = Epoxy Coated Condenser Coil

3 = Epoxy Coated Condenser Coil with Hail Guard

Digit 18 - Through the Base Provisions

0 = No Through the Base Provisions

Digit 19 - Disconnect/Circuit Breaker

0 = No Disconnect or Circuit Breaker

Digit 20 - Convenience Outlet

0 = No Convenience Outlet

Digit 21 - Communications Options

0 = No Communications Interface

1 = Comm-3/4 Communications Interface

2 = Comm-5 Communications Interface

Digit 22 - Refrigeration System Option

0 = Standard Refrigeration System

Digit 23 - Refrigeration Controls

0 = No Refrigeration Control

Digit 24 - Smoke Detector

0 = No Smoke Detector

Digit 25 - Monitoring Controls

0 = No Monitoring Control

1 = Clogged Filter Switch

2 = Fan Failure Switch

3 = Discharge Air Sensing Tube

4 = Clogged Filter Switch and Fan Fail Switch

5 = Clogged Filter Switch and Discharge Air Sensing Tube

6 = Fan Fail Switch and Discharge Air Sensing Tube

7 = Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube

TABLE 21: PHYSICAL DATA

MODELS		DH			
		180	210	240	
EVAPORATOR BLOWER	Centrifugal Blower (Dia. x Wd. in.)	15 x 15	18 x 15	18 x 15	
	Fan Motor HP	5	7.5	7.5	
EVAPORATOR COIL	Rows Deep	4	4	4	
	Fins Per Inch	13.5	13.5	13.5	
	Face Area (Sq. Ft.)	15.5	20.0	20.0	
CONDENSER FANS (Two Per Unit)	Propeller Dia. (in.) (Each)	30	30	30	
	Fan Motor Hp (Each)	1	1	1	
	Nom. CFM (Each)	5765	7000	7000	
CONDENSER COILS (Two Per Unit)	Rows Deep (Each)	3	3	3	
	Fins Per Inch (Each)	13	15	15	
	Face Area (Sq. Ft.) (Total)	36.0	43.3	43.3	
COMPRESSOR (Qty. Per Unit)	7.5 Ton Scroll	2	2	-	
	10 Ton Scroll	-	-	2	
AIR FILTERS	Quantity Per Unit (16" X 20" X 2" or 4")	-	4	4	
	Quantity Per Unit (16" X 25" X 2" or 4")	-	4	4	
	Quantity Per Unit (18" X 24" X 2" or 4")	5	-	-	
	Total Face Area (sq. ft.)	15.0	20.0	20.0	
CHARGE	Refrigerant 22 (lbs./oz.)	System #1	23/10	24/0	24/2
		System #2	21/10	24/8	27/2

TABLE 22: OPERATING WEIGHTS (LBS.)

MODEL SIZE		15 TON	17.5 TON	20 TON	
BASIC UNIT	DH (Cooling Only)	1900	1950	2100	
	DH (Gas/Electric)	240Mbh	2100	2150	2300
		320Mbh	2140	2190	2340
OPTIONS	Economizer	160			
	Economizer with Power Exhaust	245			
	Motorized Damper	150			
	Electric Heater (DH only)	18kW	25		
		36kW	30		
		54kW	35		
72kW		40			
ACCY.	Roof Curb	175	185	185	
	Barometric Damper	45			
	Economizer/Motorized Damper Rain Hood	55			
	Economizer/Power Exhaust Rain Hood	90			
	Wood Skid	220			