



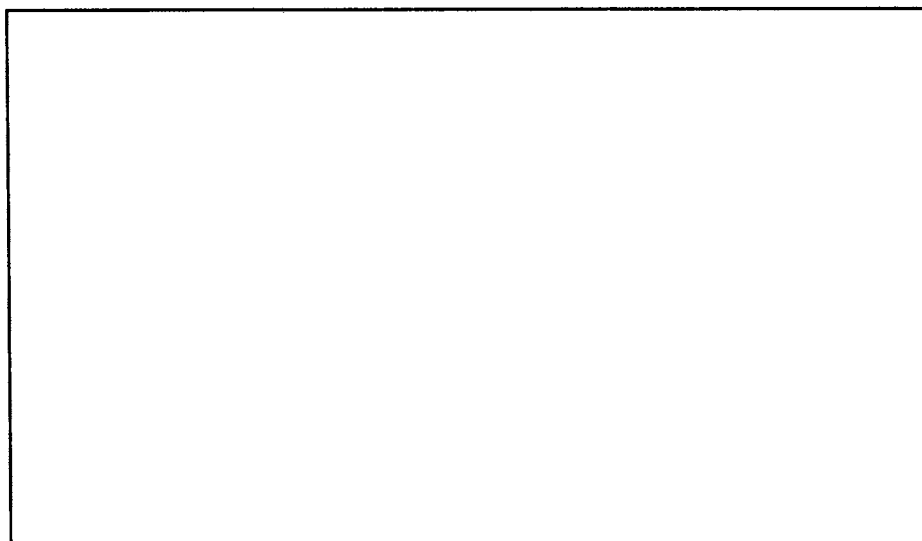
40QN-1SB

**40QNB,QNE
009,012,018,024**

**INDOOR UNITS
HIGH-WALL MOUNTED
DUCT-FREE SYSTEMS**

—PERFORMANCE DATA

—CERTIFIED DIMENSION PRINT



Date:	Supersedes:	40QNB.QNE INDOOR UNITS HIGH-WALL MOUNTED DUCT-FREE SYSTEMS	40QNB.QNE	Rev:
JOB DATA:			LOCATION:	
BUYER:		BUYER P.O. #	CARRIER #	
UNIT NUMBER:			MODEL NUMBER:	
PERFORMANCE DATA CERTIFIED BY:			DATE:	



CERTIFICATION APPLIES
ONLY WHEN THE COMPLETE
SYSTEM IS LISTED WITH ARI

DESCRIPTION

When leading edge high wall units are needed, duct-free split systems quickly provide efficient, economical cooling and heating. It is excellent for applications in existing strip malls, restaurants, churches, classrooms, and community libraries.

FEATURES

Standard one-year warranty on system
Microprocessor controls
Three-speed fan with auto.
Wireless remote controller
Evaporator coil freeze protection
Automatic restart function after a power failure
Demand defrost (HP)

24-hour auto start/stop timer
Extensive diagnostics
Auto. air sweep for even air distribution
Auto-changeover (HP)
Easy to remove filters
AccuRater[®] refrigerant metering device

PERFORMANCE DATA

COOLING - See Duct-Free System Schedule

Outdoor Design Temperature _____ °F db
Cooling Capacity _____ Btuh
Sensible Capacity _____ Btuh
SEER/EER _____
Total Power Input _____ kW
Fan Speed _____ Indoor Air Flow _____ Cfm
Entering Air Temp _____ °F db _____ °F wb
Leaving Air Temp _____ °F db _____ °F wb

HEATING - If applicable (Heat Pump Systems)

Design Temperature _____ °F db
Heating Capacity _____ Btuh (Instantaneous)
Heating Capacity _____ Btuh (Integrated)
HSPF/COP _____ High _____ Low
Electric Htr _____ kW @ _____ Volts
Total Power Input W/E Htr _____ kW
Fan Speed _____ Indoor Air Flow _____ Cfm
Entering Air Temp _____ °F db
Leaving Air Temp _____ °F db

INDOOR UNIT ELECTRICAL DATA

Indoor Unit Power Supply _____ Volts _____ Phase _____ Hz
Indoor Minimum Circuit Amps _____ Indoor Max Fuse Amps _____

INDOOR UNIT ACCESSORIES

- ☐ Active Charcoal Filters
- ☐ Electro-static Filters (Passive)
- ☐ Condensate Pump

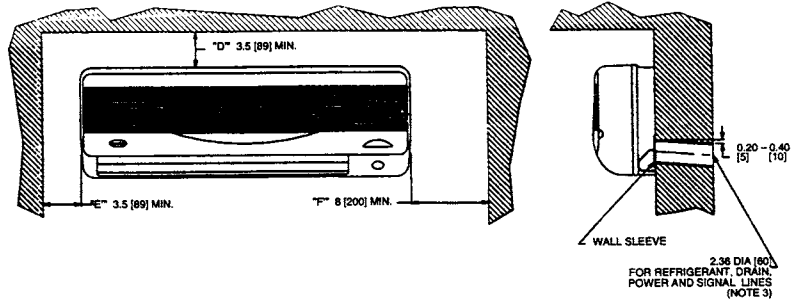
- ☐ Liquid Line Solenoid

☐ _____

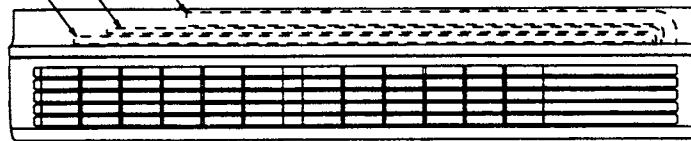
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CERTIFIED DIMENSION PRINT

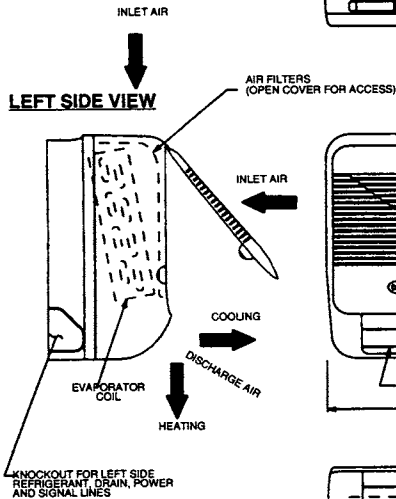
MINIMUM CLEARANCE FOR SERVICE



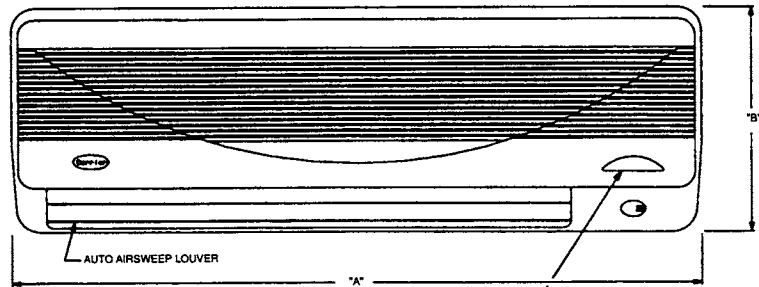
SUCTION LINE 0.500 [12.7] MALE FLARE CONNECTION (009,012)
 SUCTION LINE 0.625 [15.8] MALE FLARE CONNECTION (018,024)
 LIQUID LINE 0.250 [6.35] MALE FLARE CONNECTION (009,012)
 LIQUID LINE 0.375 [9.52] MALE FLARE CONNECTION (018,024)
 DRAIN 0.625 [15.8] MALE BARB CONNECTION



TOP VIEW

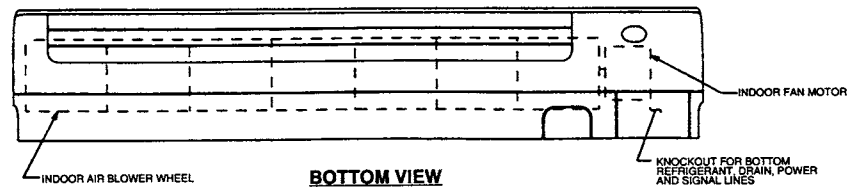
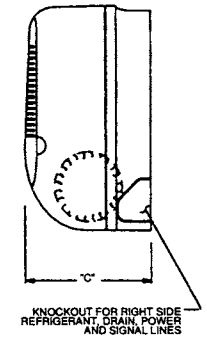


LEFT SIDE VIEW

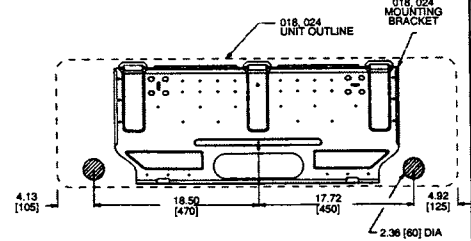
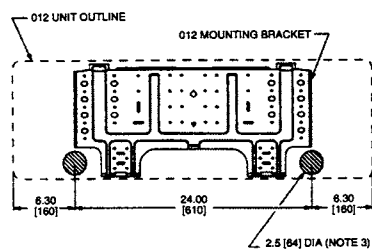
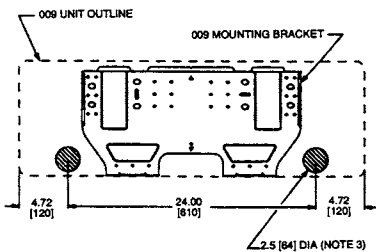


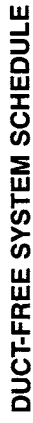
FRONT VIEW

RIGHT SIDE VIEW



BOTTOM VIEW





DUCT-FREE SYSTEM SCHEDULE

	NOTES:	1. Outdoor Type:	CU – Condensing Unit	HP – Heat Pump	MS – Multi-Split
	2. Indoor Type:	HW – Hi-Wall	UC – Under Ceiling (Suspended)	CS – Cassette	
	3. Room Control:	WRLS – Wireless (Infrared)	24V EL – Electronic Stat	24V PR – Programmable Electronic Stat	

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TABLES AND NOTES TO CERTIFIED DIMENSION PRINT

40QN FAN COIL UNITS

INDOOR UNIT 40QN	VOLTAGE (Single Ph, 60 Hz)	OPERATING VOLTAGE MINIMUM	OPERATING VOLTAGE MAXIMUM	FAN FLA
B009	115	127	104	0.41
B012	208/230	253	187	0.23
B018	208/230	187	253	0.53
B024				
E009	115	127	104	0.41
E012	208/230	253	187	0.23
E018	208/230	187	253	0.53
E024				

DIMENSIONS – in. (mm)

UNIT 40QN	WEIGHT		A		B		C		D		E		F	
	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
B/E009*	18.7	8.5	33.46	850	11.02	280	6.29	160	3.5	89	3.5	89	8	203
B/E012*	24.2	11.0	36.61	930	11.81	300	7.28	185	3.5	89	3.5	89	8	203
B/E018†	39	17.5	45.28	1150	14.17	360	8.66	220	4.0	102	4.0	102	11.81	300
B/E024†	43	19.5	45.28	1150	14.17	360	8.66	220	4.0	102	4.0	102	11.81	300

* Refrigerant is metered by capillary tubes in the outdoor unit. Insulate both refrigerant lines.

† Refrigerant is metered by AccuRater® device in the fan coil unit on the 38HDC and BK applications. A thermostatic expansion valve is used in the outdoor unit on 38HDS applications. Insulate both refrigerant lines on 38HDS and BK applications.

NOTES:

- Dimensions are in inches. Dimensions in [] are in millimeters.
-  Direction of airflow.
- Refrigerant, drain and power connections may be made rear, left side or right side.
- Clearances of dimensions "D" and "E" on top of and to the left of the fan coil unit are absolute minimums. Clearances of 10" are recommended.