

SUBMITTAL DATA SHEET



SPLIT-SYSTEM AIR CONDITIONING CONDENSING UNITS 7.5 - 25 TONS

MODELS: YC090 through 300 and YE090, 2-PIPE
YD120 through 240, 4-PIPE

JOB NAME:		LOCATION:		
PURCHASER:		ORDER NO:		
ENGINEER:				
SUBMITTED TO:	FOR:	REF:	APPROVAL:	CONSTRUCTION:
SUBMITTED BY:		DATE:		
UNIT DESIGNATION:		SCHEDULE NO.	MODEL NO.	

COOLING PERFORMANCE

TOTAL CAPACITY----- MBH
OUTDOOR DESIGN TMP. ----- °F
SUCTION PRESSURE AT
SATURATION ----- PSIG
SUCTION TEMPERATURE AT
SATURATION ----- °F

ELECTRICAL DATA

POWER SUPPLY ----- / /
TOTAL UNIT AMPACITY ----- AMPS
POWER INPUT REQ. ----- KW
MINIMUM WIRE SIZE ----- AWG
(COPPER CONDUCTORS)
MAXIMUM FUSE SIZE ----- AMPS
(DUAL ELEMENT)

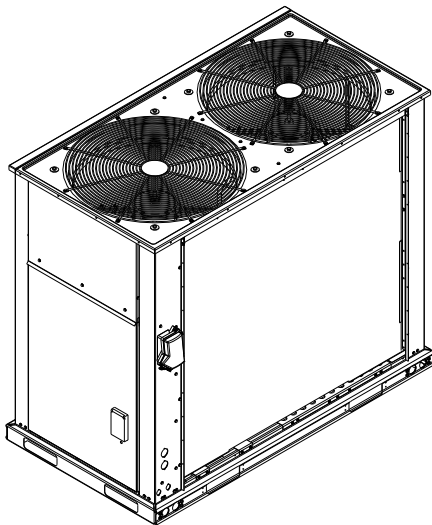
UNIT WEIGHT

TOTAL OPERATING WEIGHT ----- LBS

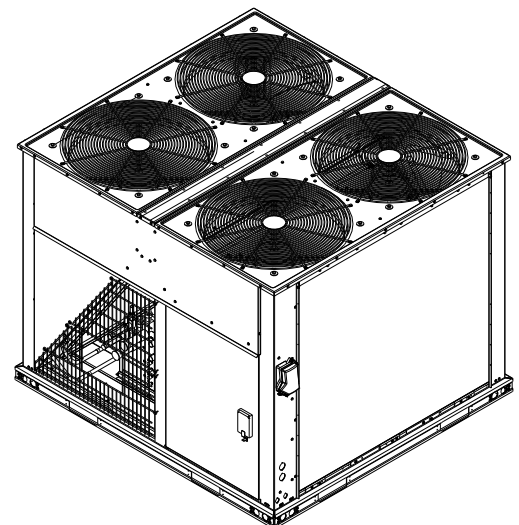
FEATURES

- MEETS OR EXCEEDS ASHRAE 90.1-2013 / MEETS EPACT 2010 EFFICIENCY*
- SMART EQUIPMENT™ W/COMMUNICATION BACNET MS/TP (PROGRAMMABLE TO MODBUS OR N2 PROTOCOLS)
- R-410A REFRIGERANT
- POWDER PAINT FOR DURABILITY
- WEATHERIZED CASING FOR OUTDOOR USE
- PROPELLER-TYPE CONDENSER FANS
- INHERENTLY PROTECTED FAN MOTORS
- HIGH AND LOW PRESSURE SAFETIES
- SCROLL COMPRESSORS
- CRANKCASE HEATERS
- ALUMINUM TUBE/ALUMINUM FIN "MICROCHANNEL" COILS
- BACKSEATING SUCTION AND LIQUID LINE SERVICE VALVES
- SINGLE AND DUAL REFRIGERATION CIRCUITS (SINGLE ON YC AND DUAL ON YD MODELS)
- LOW AMBIENT TO 40°F - LOW AMBIENT AVAILABLE TO 0°F
- PROVISIONS FOR HOT GAS BYPASS
- CSA APPROVAL
- ONE YEAR LIMITED PARTS WARRANTY ON COMPLETE UNIT
- FIVE YEAR LIMITED COMPRESSOR WARRANTY
- LIQUID LINE DRIERS (SUPPLIED FOR FIELD INSTALLATION)
- FACTORY INSTALLED DISCONNECT OPTION
- FACTORY INSTALLED POWERED OR NON-POWERED 120V OUT-LET OPTION
- FULL PERIMETER BASE RAIL-FORK TRUCK ACCESSIBLE
- CRANE RIGGING PROVISIONS

***WHEN COUPLED WITH MATCHING INDOOR UNIT**



YC090, YE090, YC120, YD120,
YC150, YD150

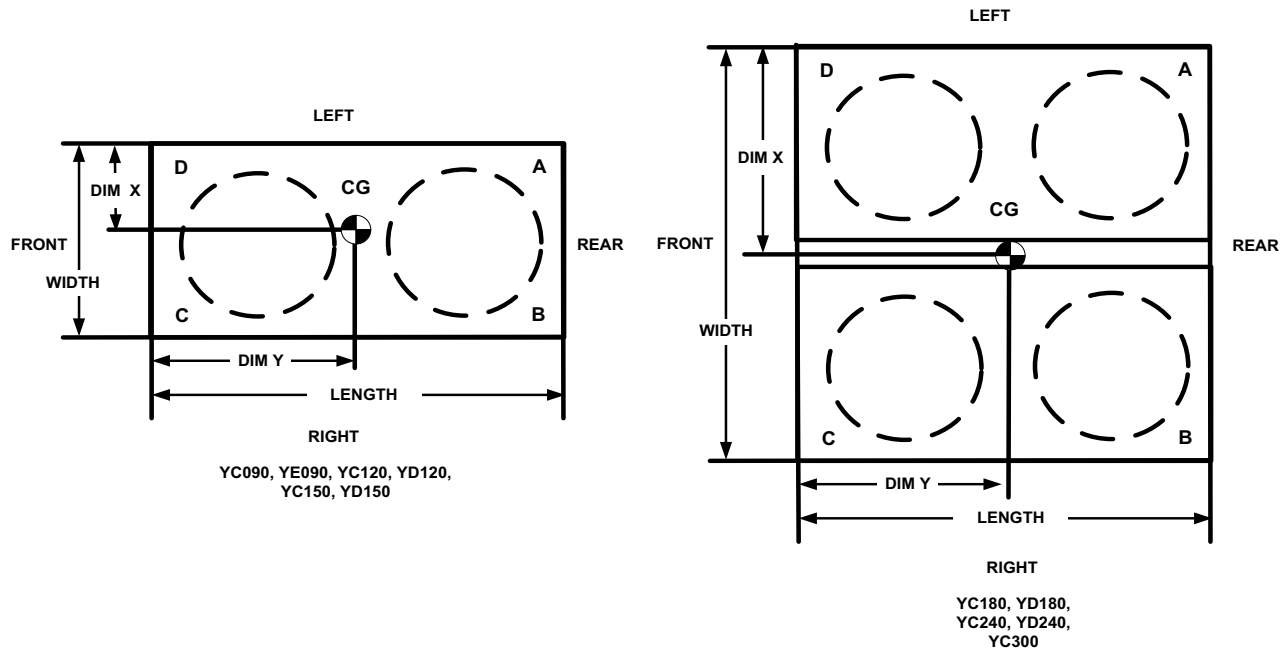


YC180, YD180,
YC240, YD240, YC300

WEIGHT DISTRIBUTION

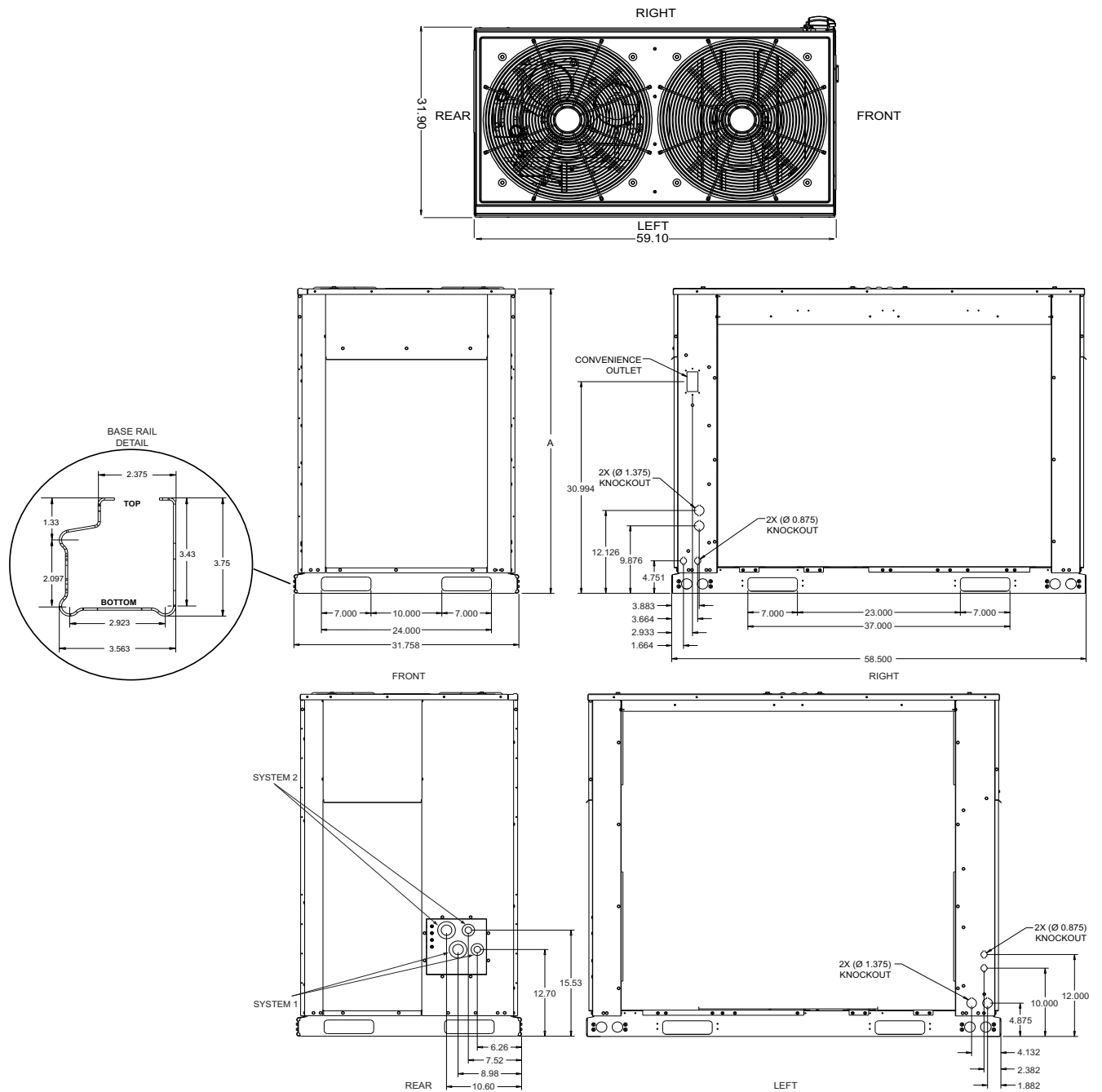
CORNER WEIGHTS & CENTER OF GRAVITY

Size (Tons)	Model	Weight (lbs.)		Center of Gravity (in.)		4 Point Load Location (lbs.)			
		Shipping	Operating	X	Y	A	B	C	D
090	YC090	390	387	17	32.3	99	113	94	82
(7.5)	YE090	386	383	18	33.5	95.0	124.3	92.8	70.9
120	YC120	499	497	17.3	32.3	124	147	122	103
(10)	YD120	493	490	17.4	32.5	123	147	120	100
150	YC150	499	497	17	32.3	127	145	120	105
(12.5)	YD150	493	490	17.4	32.5	123	147	120	100
180	YC180	914	909	32.5	31.5	239	246	215	209
(15)	YD180	899	894	32.5	31.5	235	242	212	206
240	YC240	945	942	30.3	31.0	261	234	212	236
(20)	YD240	930	927	32.7	31.8	244	255	218	210
300	YC300	945	942	30.3	31.0	261	234	212	236
(25)									



UNIT DIMENSIONS

YC090, YE090, YC/YD120, YC/YD150



***See UNIT HEIGHT DIMENSIONS, PIPING AND ELECTRICAL CONNECTIONS SIZES (next page)**

UNIT HEIGHT DIMENSIONS (INCHES)

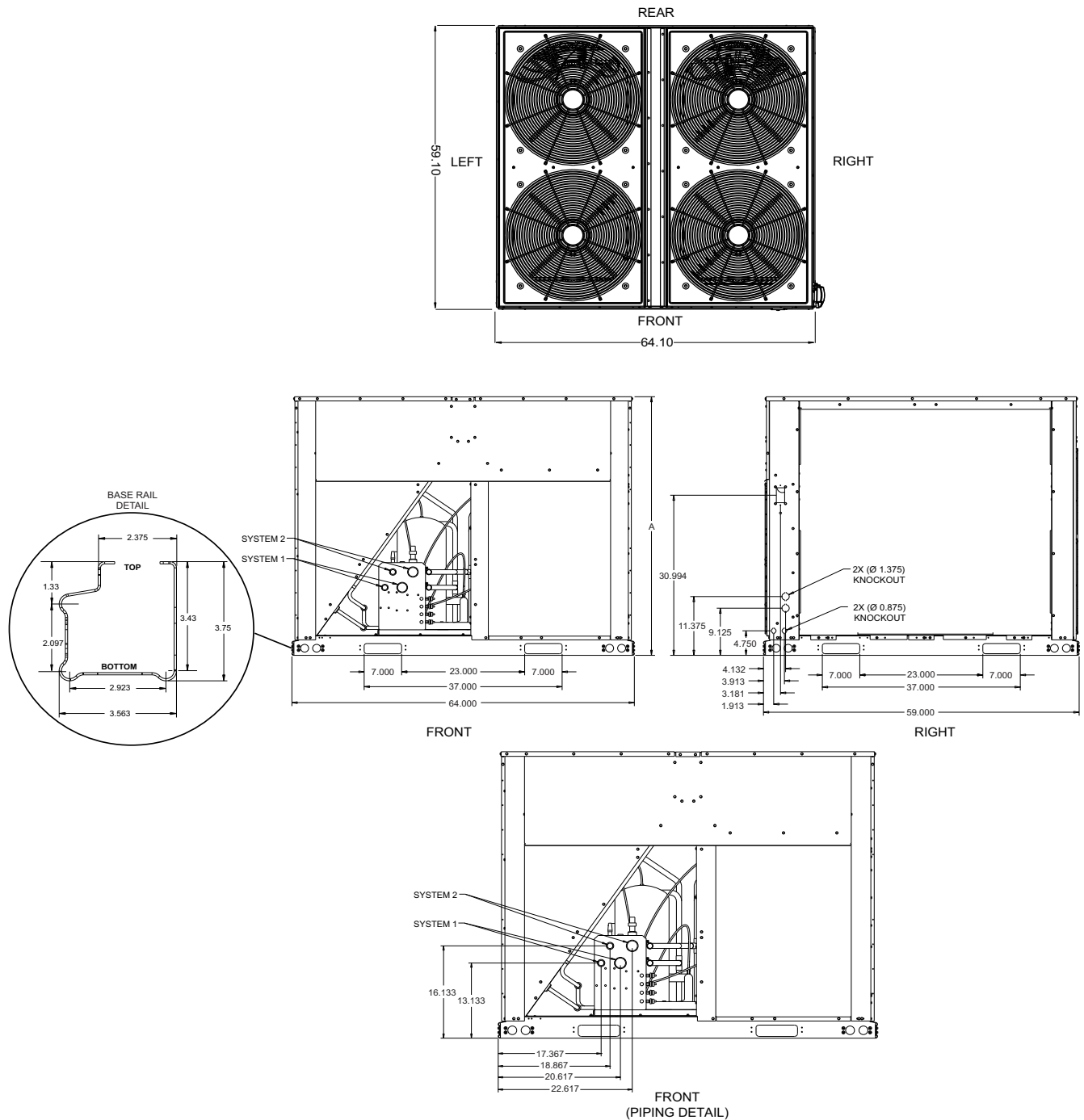
MODEL	A
YC090	44.5
YE090	44.5
YC120	50.0
YD120	50.0
YC150	50.0
YD150	50.0

PIPING AND ELECTRICAL CONNECTIONS SIZES (INCHES)

MODEL	YC090	YE090	YC120	YD120	YC150	YD150
No. refrigeration circuits	1	1	1	2	1	2
Suction line OD (in.)	1 1/8	1 1/8	1 3/8	1 1/8	1 3/8	1 1/8
Liquid line OD (in.)	5/8	5/8	7/8	5/8	7/8	5/8
Power wiring knockout	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8
Control wiring knockout	7/8	7/8	7/8	7/8	7/8	7/8

UNIT DIMENSIONS

YC/YD180, YC/YD240 & YC300



*See UNIT HEIGHT DIMENSIONS, PIPING AND ELECTRICAL CONNECTIONS SIZES (next page)

UNIT HEIGHT DIMENSIONS (INCHES)

MODEL	A
YC180	44.5
YD180	44.5
YC240	50.0
YD240	50.0
YC300	50.0

PIPING AND ELECTRICAL CONNECTIONS SIZES (INCHES)

MODEL	YC180	YD180	YC240	YD240	YC300
No. Refrigeration Circuits	1	2	1	2	1
Suction Line OD (in.)	1 5/8	1 1/8	1 5/8	1 3/8	2 1/8
Liquid Line OD (in.)	7/8	5/8	7/8	5/8	7/8
Power Wiring Knockout	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8
Control Wiring Knockout	7/8	7/8	7/8	7/8	7/8

MINIMUM CLEARANCES

CLEARANCE DESCRIPTION	DISTANCE IN INCHES
Overhead (Top)	120
Front	36
Rear	24
Left Side	30
Right Side	30
Bottom ¹	0

1. In all installations where snow accumulates and winter operation is expected, additional height must be provided to insure normal condenser airflow.

FACTORY-INSTALLED OPTIONS

DISCONNECT ----- ☐
 NON-POWERED CONV. OUTLET ----- ☐
 POWERED CONV. OUTLET ----- ☐
 PHASE MONITOR ----- ☐
 COIL GUARD ----- ☐
 LOW AMBIENT TO 0° ----- ☐
 TECHNICOATED COIL ----- ☐
 E-COAT COIL ----- ☐

FIELD-INSTALLED ACCESSORIES

COIL GUARD ----- ☐
 HAIL GUARD ----- ☐
 LOW AMBIENT KIT ----- ☐
 HOT GAS BYPASS KIT ----- ☐

MATCHING AIR SIDE EQUIPMENT DATA

MODEL NUMBER _____
 SUBMITTAL FORM NUMBER _____

REFER TO UNIT TECHNICAL GUIDE FOR THE LIST OF STANDARD FEATURES

ATTACHED ☐ NOT ATTACHED ☐

NOTES:

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