

40RUA

Packaged Air–Handling Units

50 Hz

with Puron® (R–410A) Refrigerant

Sizes: 07 to 25 (18.3 to 59.2 kW)

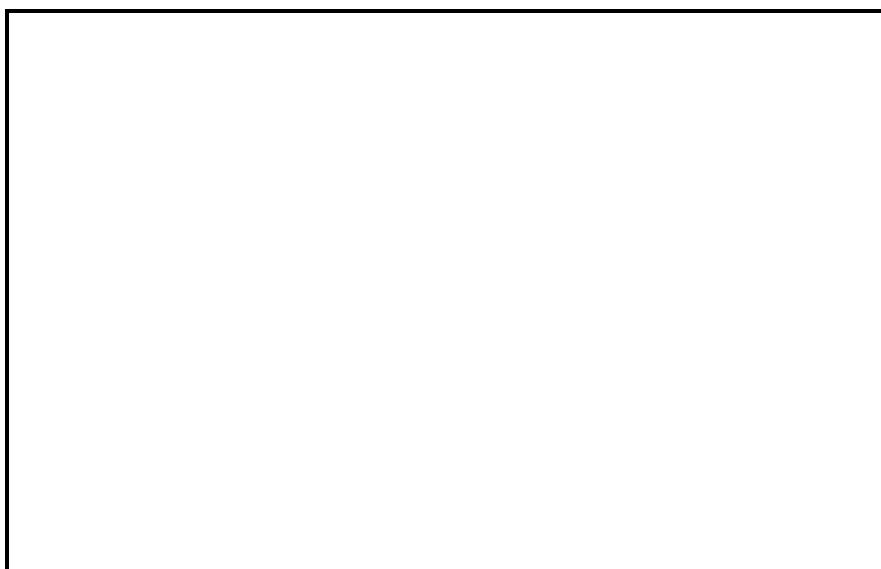


turn to the experts



Submittal Data

- **PERFORMANCE DATA**
- **CERTIFIED DIMENSION PRINTS**
- **FAN COIL ACCESSORY
DIMENSION PRINTS**



Job Data: _____ Location: _____
 Buyer: _____ Buyer P.O.#: _____ Carrier: _____
 Unit Number: _____ Model Number: _____
 Unit Designation: _____
 Performance Data Certified By: _____



Certified to ISO 9001:2000/2008

40RUA

DESCRIPTION

The 40RUA fan coil units are a completely packaged unit, designed for Puron® (R-410A) refrigerant, offering the ultimate in installation ease and flexibility. Combined with Carrier 38AU/38AP Series condensing units these fan coil offer system capacities from 18.3 to 59.2 kW. These units may be installed in either the vertical or horizontal configuration with no modifications. Heating capability is provided by electric heaters, hot water coils, or steam coils.

STANDARD FEATURES

- Puron (R-410A) HFC refrigerant
- Cleanable insulation treated with an anti-microbial agent
- Two slopped condensate pans on each unit for horizontal or vertical applications
- 51 mm filters
- Powerful belt-driven forward curved fans
- Factory-installed fan motor and contactor
- Refrigerant metering device (TXV's) — factory-installed
- 4 Row copper tube, aluminum fin refrigerant coil design
- Easy maintenance — removal of a single panel allows access to virtually all components
- Single refrigerant circuit on 07 and 08 size units, dual refrigerant circuit on 12 to 25 size units. Dual circuit units can be field modified for use on single circuit condensing units.
- Single blower on 07 to 12 size units; dual blower on 14 to 25 size units
- 24-volt terminal block for control wiring connection

PERFORMANCE DATA

Total Cooling Capacity _____ MBtuh	External Static Pressure _____ kPa
Sensible Cooling Capacity _____ MBtuh	r/s _____, BHP _____
Air Quantity _____ L/s	Saturated Suction Temperature _____ °C
Entering Air _____ °C db _____ °C wb	Total Heating Capacity _____ MBtuh

ELECTRICAL DATA

Power Supply to Unit _____ Volts _____ Phase _____ Hz
 Minimum Circuit Amps _____ Maximum Overcurrent Protection _____

SUBMITTAL DATA

Job Name _____
Architect _____
Engineer _____
Contractor _____
Unit Designation _____

OPTIONS AND ACCESSORIES

FACTORY-INSTALLED OPTIONS (FIOPs)

- ☐ Fan Motor Options
 - Standard Motor/Standard Drive
 - Standard Motor/Medium Drive
 - High Motor/High Drive
- ☐ Painted Cabinet

FIELD INSTALLED ACCESSORIES

- ☐ Electric Heat: _____ Volts, _____ kW
- ☐ Economizer - Enthalpy Controlled
- ☐ Hot Water Coil (2 row)
- ☐ Condensate Overflow Switch Assemble
- ☐ Discharge Plenum*
- ☐ Discharge Plenum (painted)*
- ☐ Return Air Grille
- ☐ Return Air Grille (painted)
- ☐ Steam Coil (1 row)
- ☐ Floor Mount Base (Subbase)
- ☐ Floor Mount Base (Subbase) - Painted
- ☐ Overhead Suspension Brackets
- ☐ Gen III Airflow Sensor Switch for 33CS controls
- ☐ CO₂ Room Sensor - Wall mount
(Aspirator Box required for duct mounting)
- ☐ Thermostats

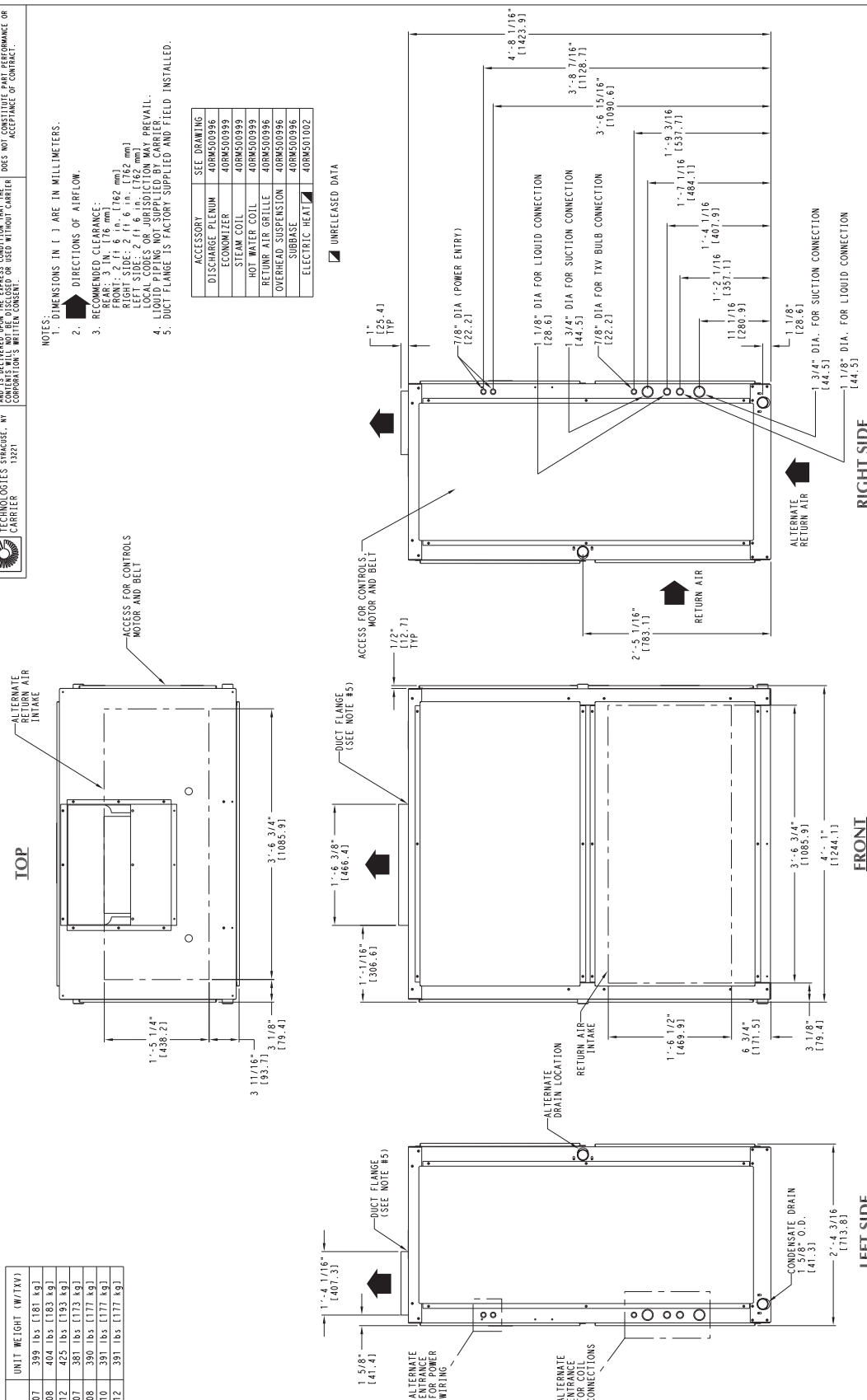
* Discharge Plenums are shipped knocked down and require field assembly. Cannot be used with electric heat or horizontal application.

40RUA

UNIT	UNIT WEIGHT (W/TXV)
40RUA-07	399 lbs [181 kg]
40RUA-08	404 lbs [183 kg]
40RUA-12	425 lbs [193 kg]
40RU0-07	381 lbs [173 kg]
40RU0-08	390 lbs [177 kg]
40RUS-10	391 lbs [177 kg]
40RUS-12	391 lbs [177 kg]

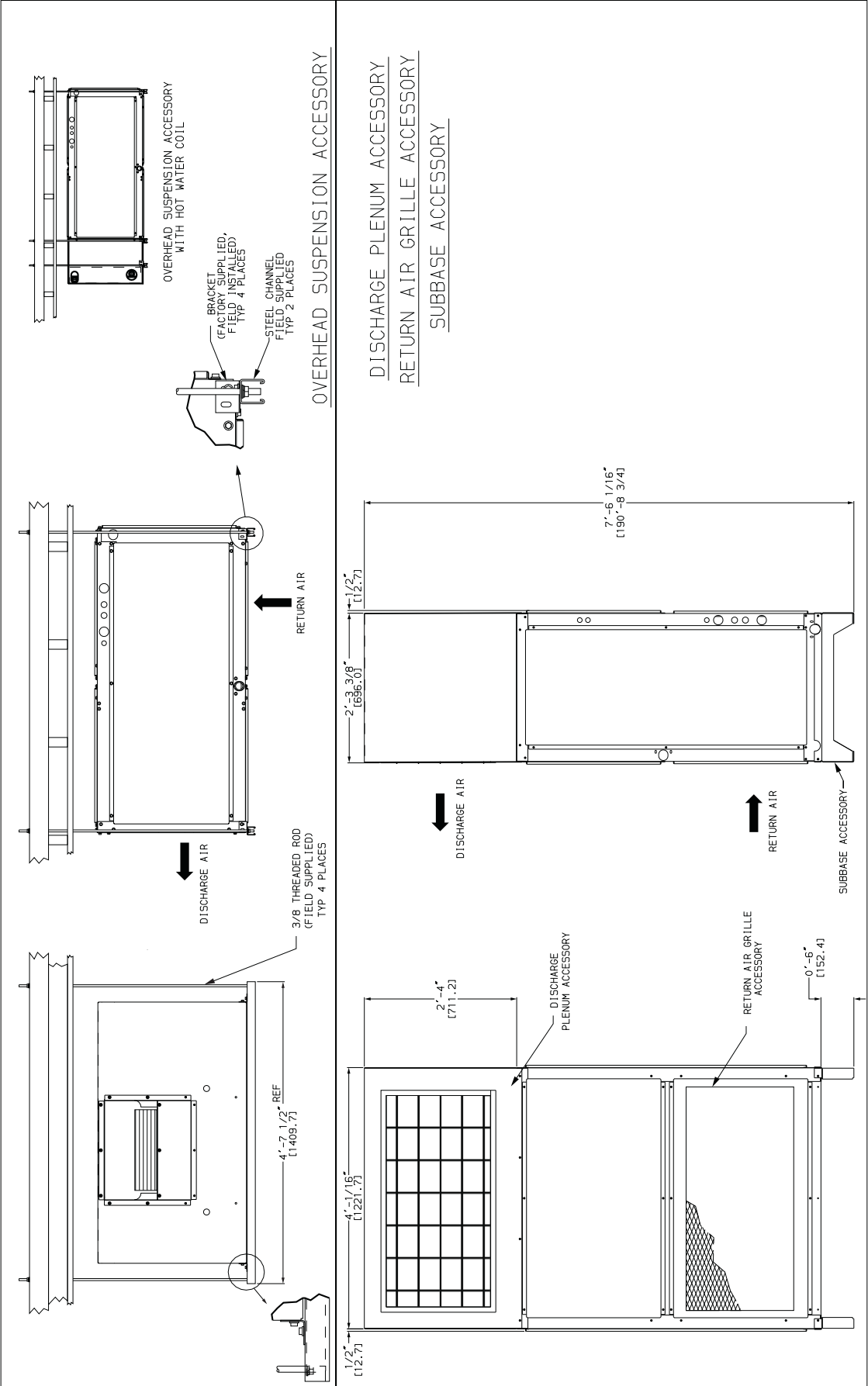
ACCESSORY	SEE DRAWING
DISCHARGE PLENUM	40RW500996
ECONOMIZER	40RW500999
STEAM COIL	40RW500999
HOT WATER COIL	40RW500999
RETURN AIR GRILLE	40RW500996
OVERHEAD SUSPENSION	40RW500996
SUBBASE	40RW500996
ELECTRIC HEAT	40RW501002

UNRELEASED DATA

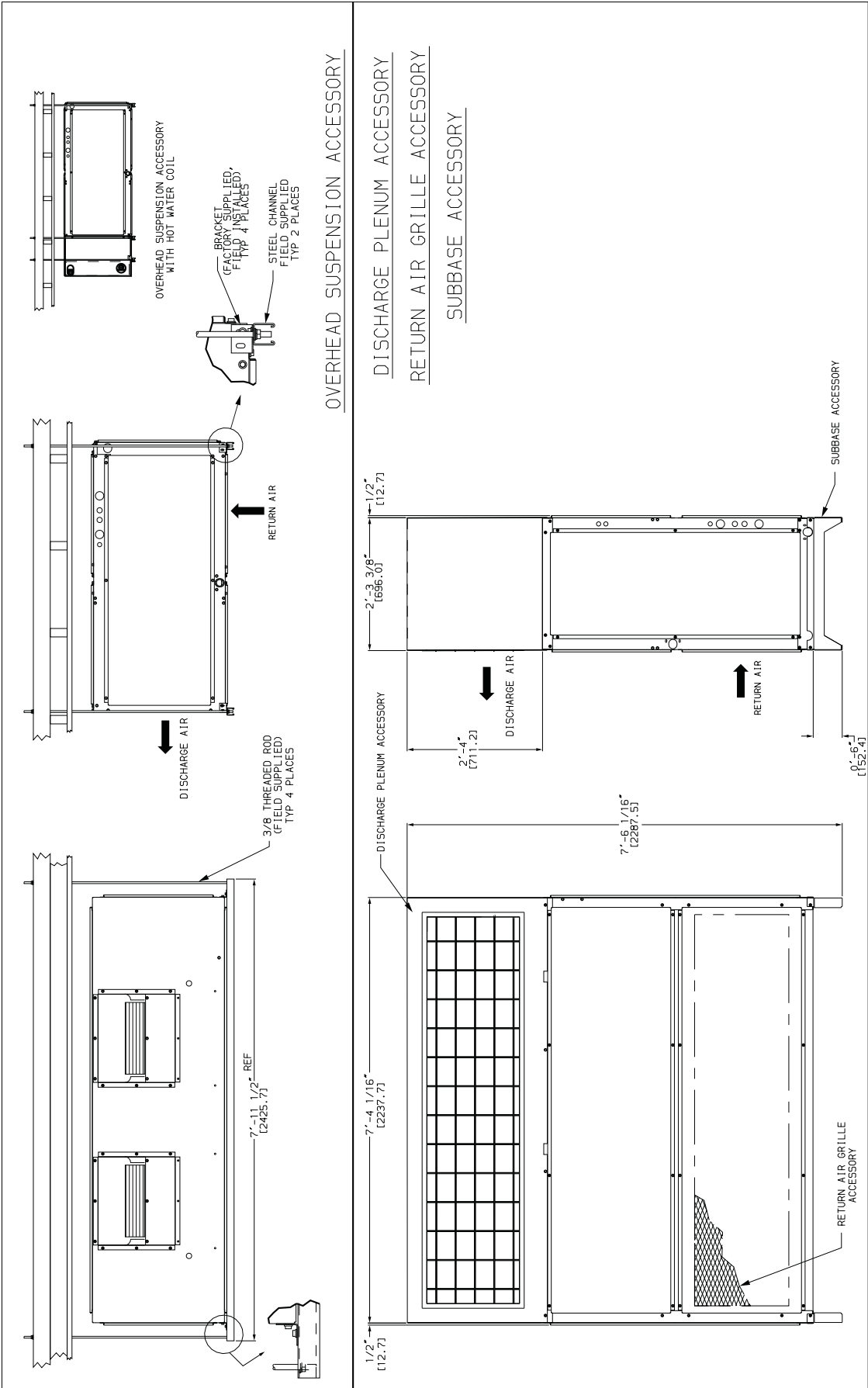


DATE	SUPERSEDES	FAN COIL UNITS	REV
04/15/09	01/26/09	40R11 A / Q / S - 07 / 08 / 10 / 12	40RU500024
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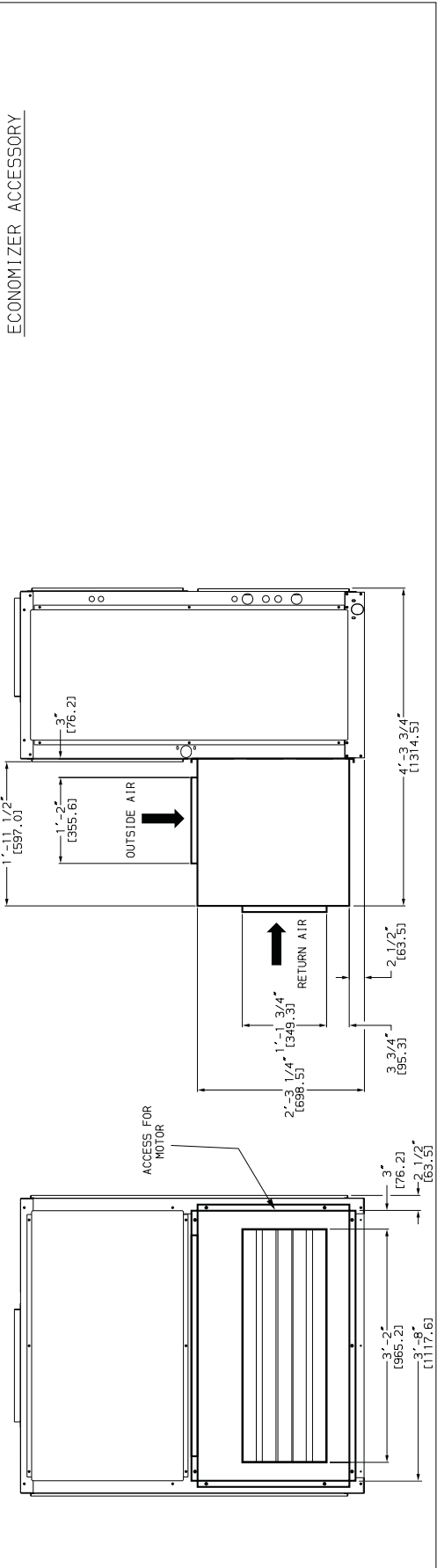
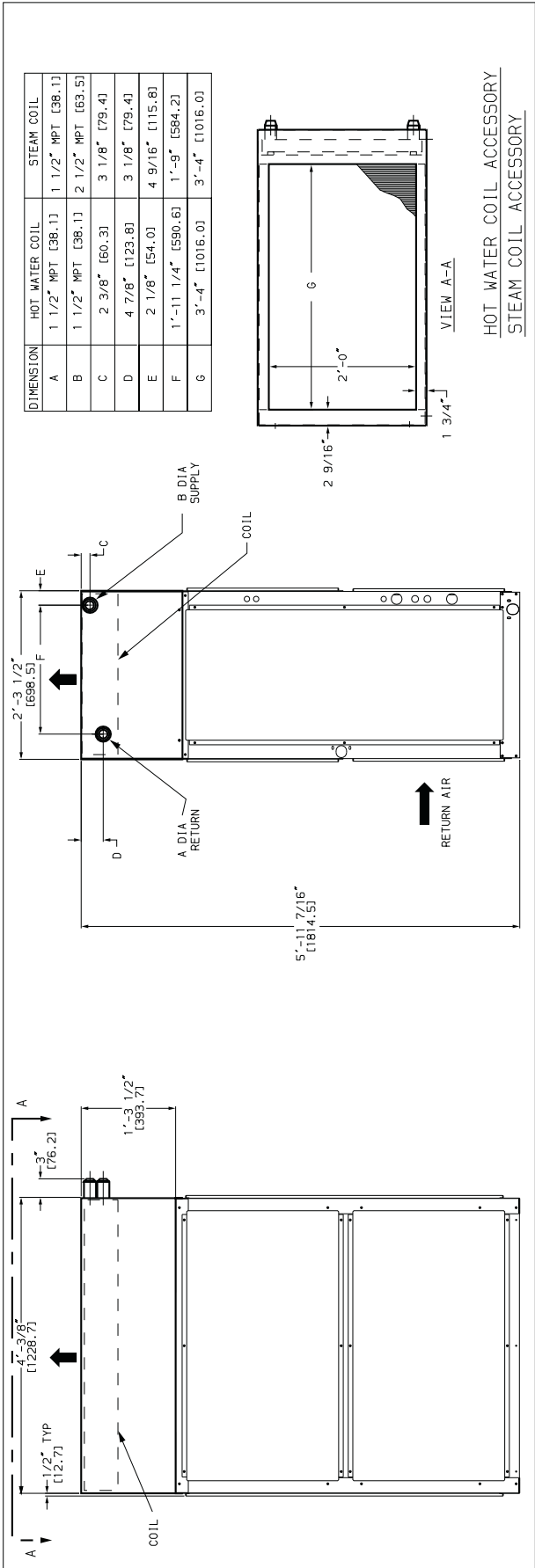
CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA07, 08, 12



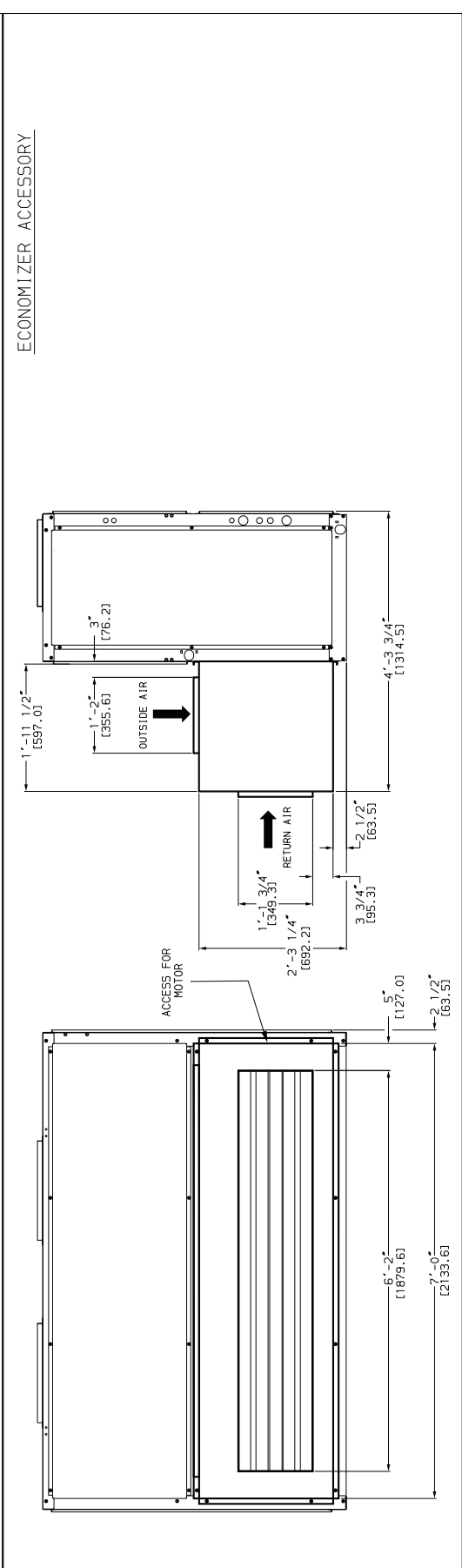
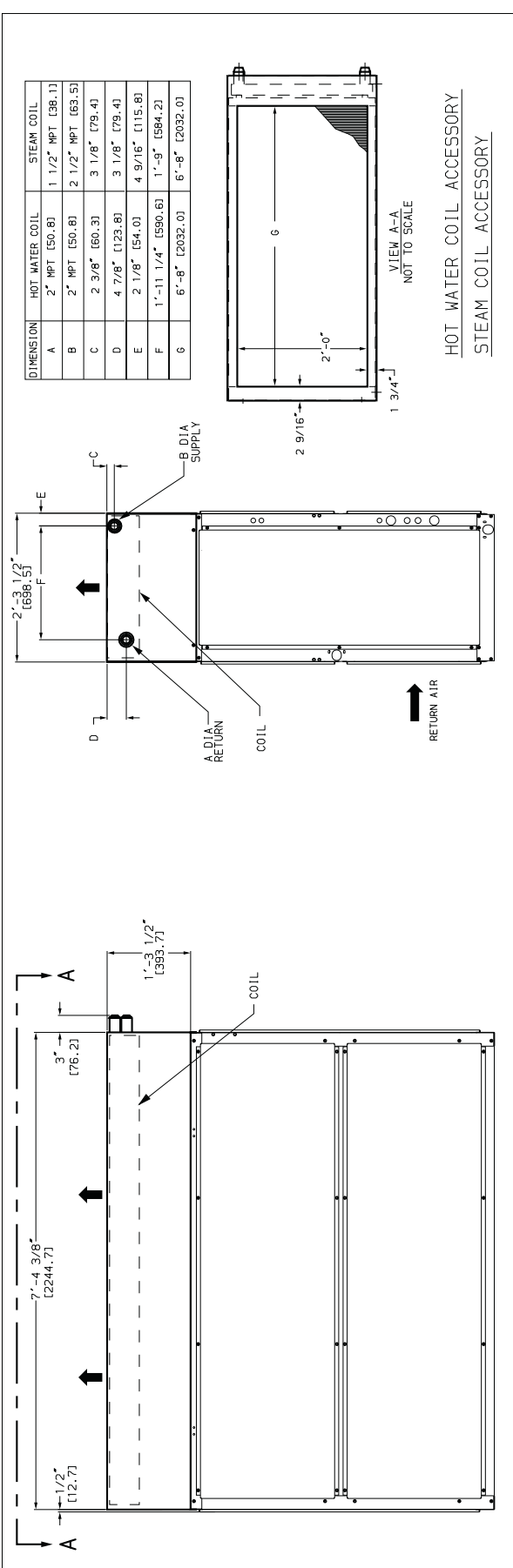
CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA14, 16, 25



CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA07, 08, 12



CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA14, 16, 25



CERTIFIED DIMENSION - ACCESSORIES

