

40RUA

Packaged Air—Handling Units

60Hz

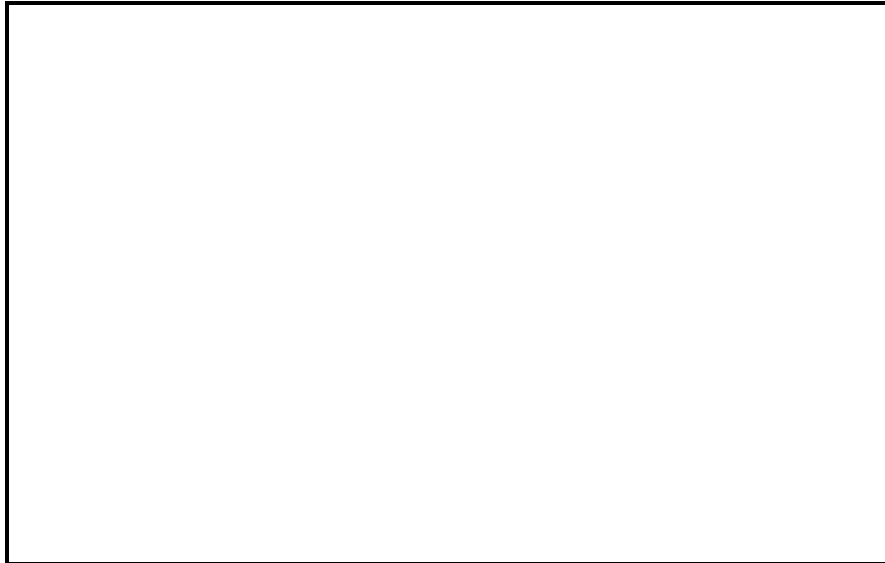
with Puron® (R-410A) Refrigerant

Sizes 07 – 30



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: _____

DESCRIPTION



Certified to ISO 9001

The 40RUA units are completely packaged direct expansion air-handling units offering the ultimate in installation ease and flexibility. Combined with Carrier 38AU Series condensing units these packaged air handling units offer system capacities from 6 up to 30 tons. These units may be installed in either the vertical or horizontal configuration with no modifications. Powerful fan systems allow easy adaptation to existing ductwork. 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
- 2-inch filters
- Powerful belt-driven forward curved fans
- Factory-installed fan motor and contactor
- Refrigerant metering devices (TXV's) — factory-installed
- Easy maintenance — removal of a single panel allows access to virtually all components
- Single refrigerant circuit on 07 and 08 models, dual refrigerant circuit on 12 to 30 models. Dual circuit models can be field modified for use on single circuit condensing units.
- Single blower on 07 to 12 sizes; dual blower on 14 to 30 sizes.
- 24-volt terminal block for control wiring connection
- Optional Staged Air Volume (SAV™) system with 2-speed indoor fan VFD controller (08-30 models)
- Standard one-year warranty

PERFORMANCE DATA

Total Cooling Capacity _____ MBtuh	External Static Pressure _____ in. wg
Sensible Cooling Capacity _____ MBtuh	RPM _____, BHP _____
Entering Air _____ °F db _____ °F wb	Saturated Suction Temperature _____ °F
Airflow _____ CFM	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 _____

FACTORY-INSTALLED OPTIONS (FIOPs)

- ☐ Fan Motor Options
 - Standard Motor/Standard Drive
 - Standard Motor/Medium Drive
 - High Motor/High Drive
- ☐ Staged Air Volume (SAV) system utilizes a Variable Frequency Drive (VFD) to automatically adjust the indoor fan motor for 2 speed indoor fan motor control. Conforms to ASHRAE 90.1 2010 Standard – section 6.4.3.10.b. Available on 08 to 30 models with two stage cooling control.
- ☐ Painted Cabinet

OPTIONAL WARRANTIES

- ☐ Complete Unit Parts only up to 5 years
- ☐ Complete Unit Parts and Labor up to 5 years

Many other optional warranties are available.
See the *Commercial Start-Up and Optional Extended Warranty Price* price pages for further information.

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FIELD INSTALLED ACCESSORIES

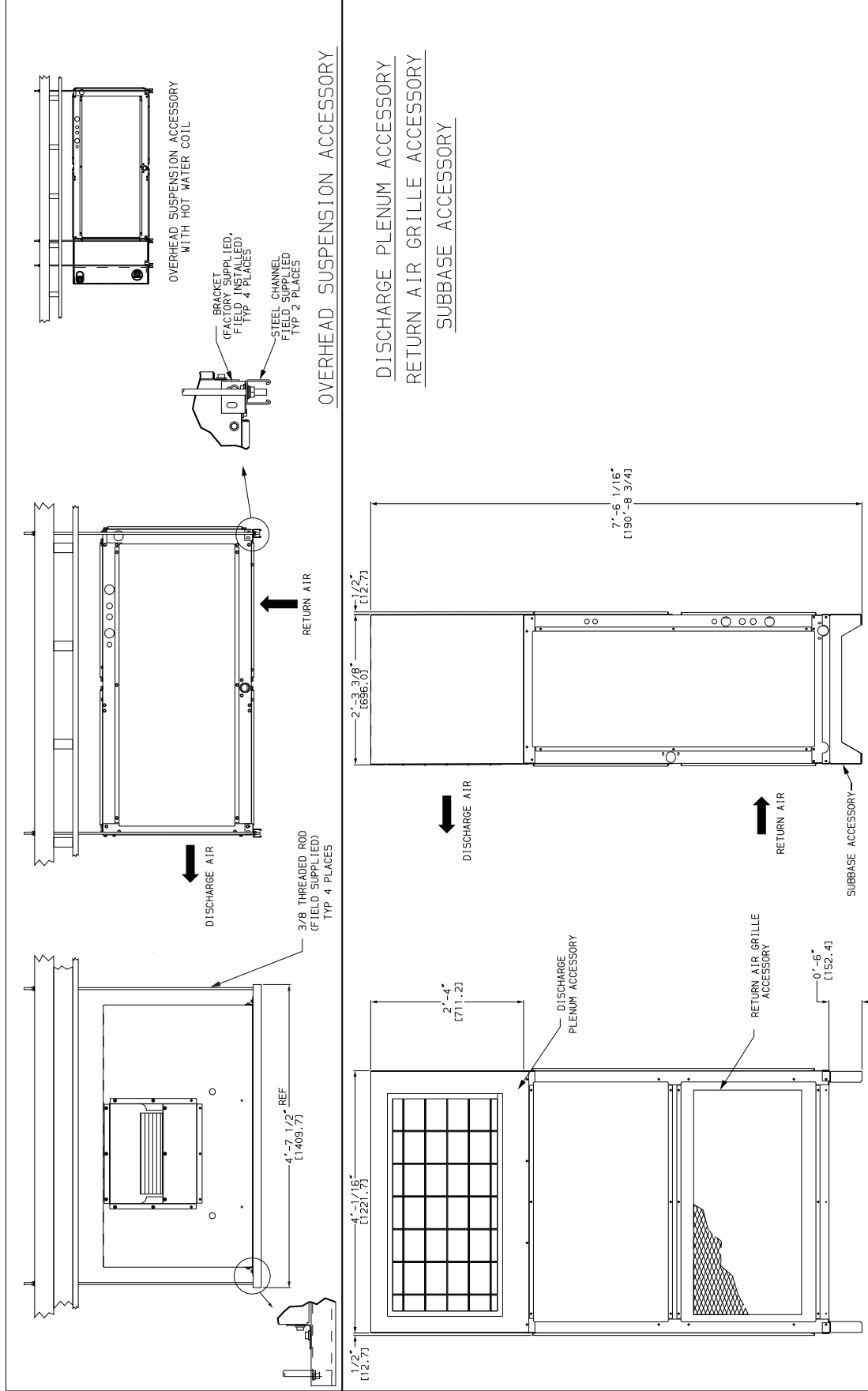
- ☐ Economizer - Enthalpy Controlled - Standard Leak design
- ☐ Economizer – temperature dry bulb controlled – Ultra LOW LEAK - EconoMi\$er X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator. Supply and outdoor air sensors, and CO₂ sensor compatible, for use in electro mechanical controls only. Also includes return and outside air damper leakage that meets Title 24 section 140.4 requirements. Controller meets California Title 24 Section 120.2 Fault Detection and Diagnostic (FDD) requirements.
- ☐ Enthalpy Control for W7220 Controller only, (One required for single enthalpy, two required for different enthalpy)
- ☐ Display Kit for Variable Frequency Drive (VFD), Staged Air Volume System. Allows additional set up and diagnostics of the unit VFD controller. Can be unit mounted or used with any other compatible VFD model as a reusable device.
- ☐ Electric Heat: _____ Volts, _____ kW
- ☐ 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
- ☐ 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.

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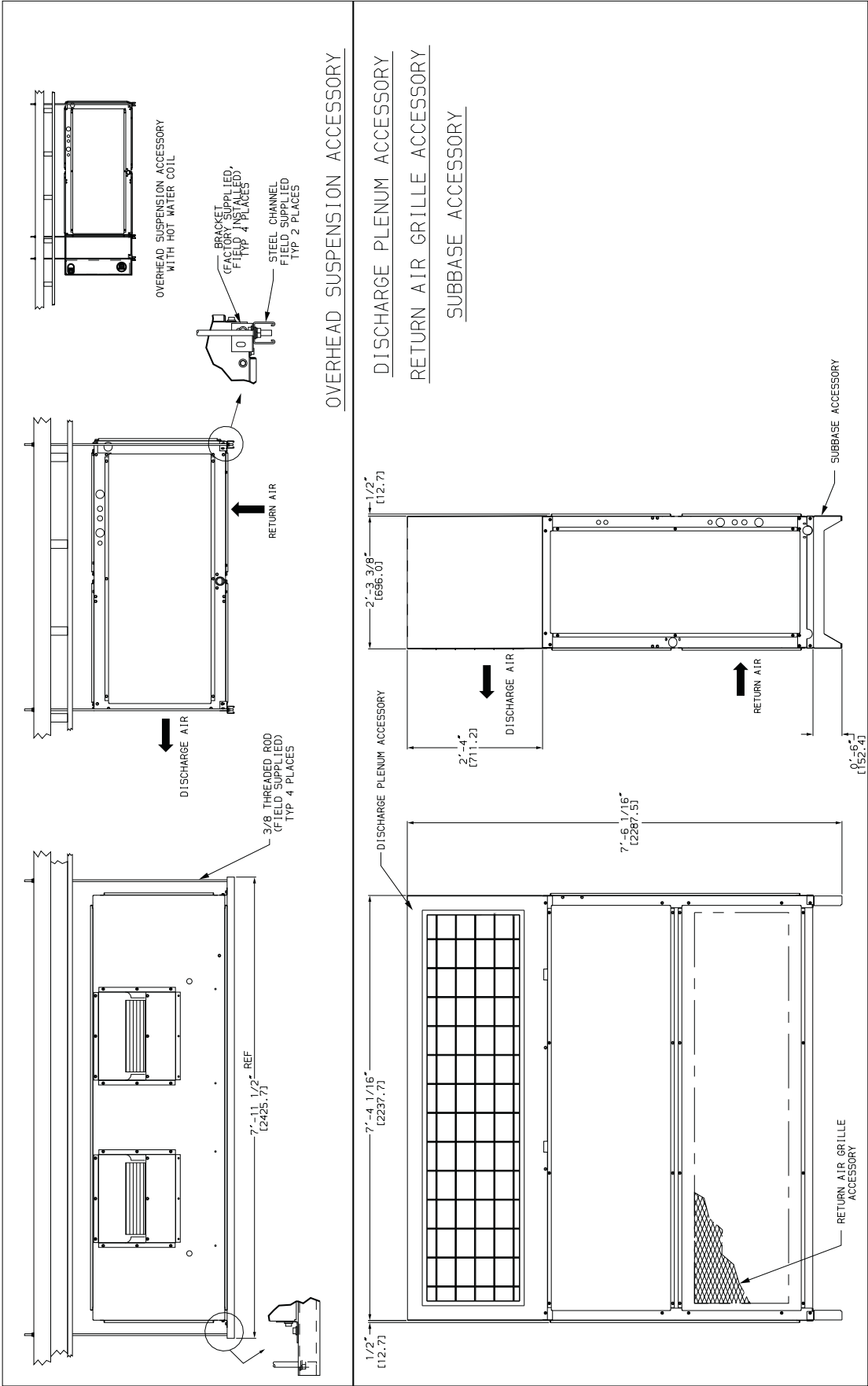
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CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA07, 08, 12

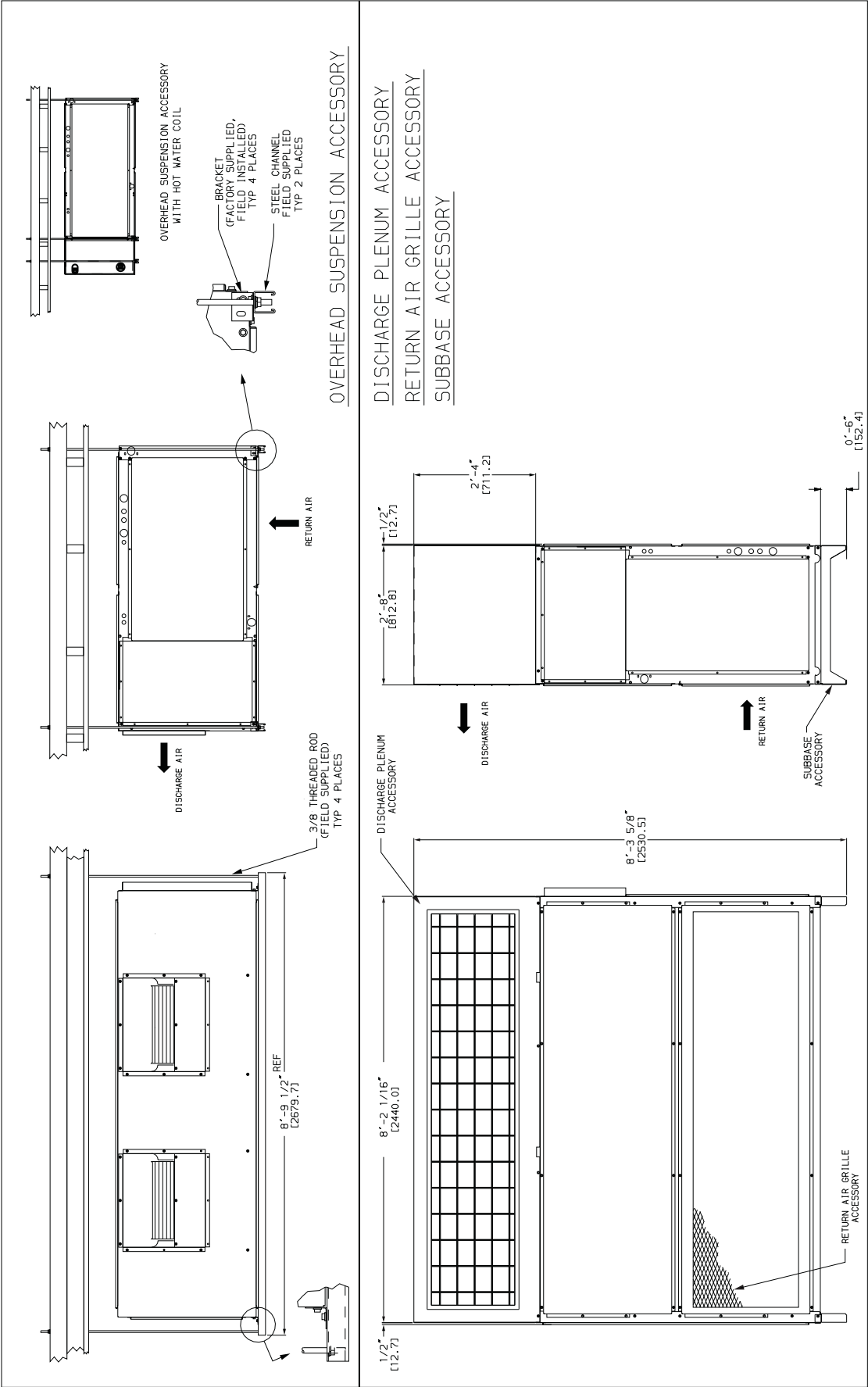


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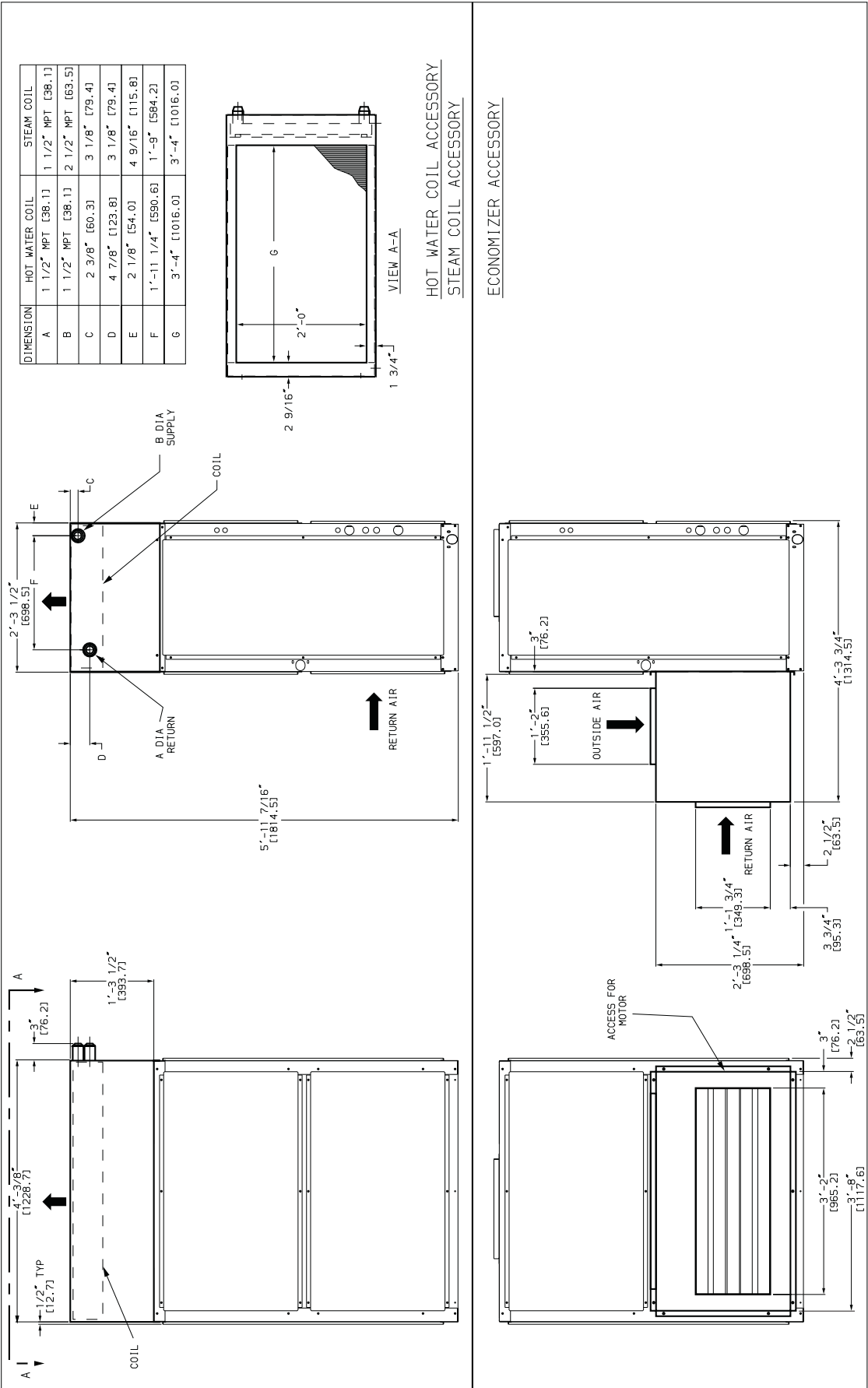
CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA14, 16, 25



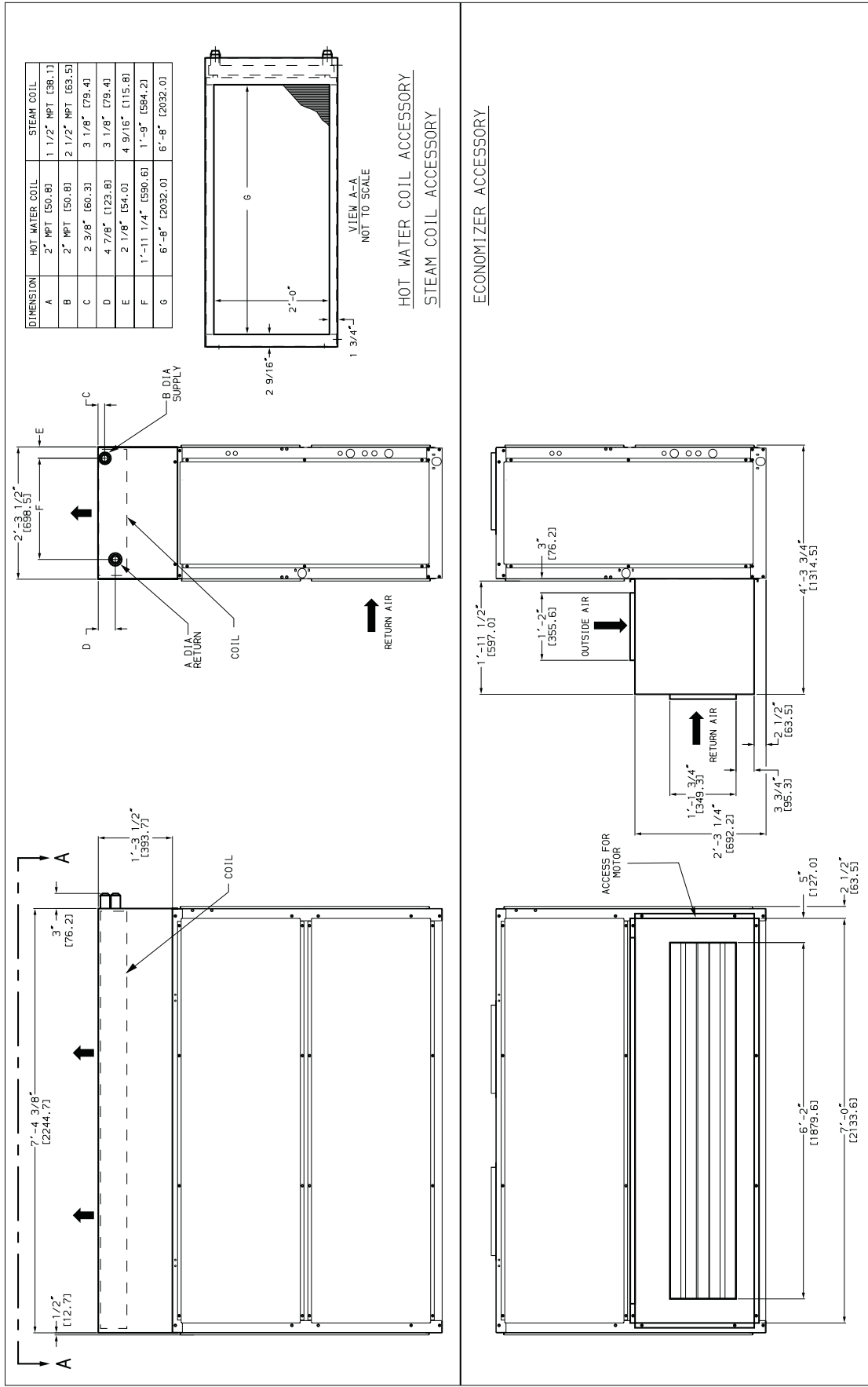
CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA28, 30



CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA07, 08, 12



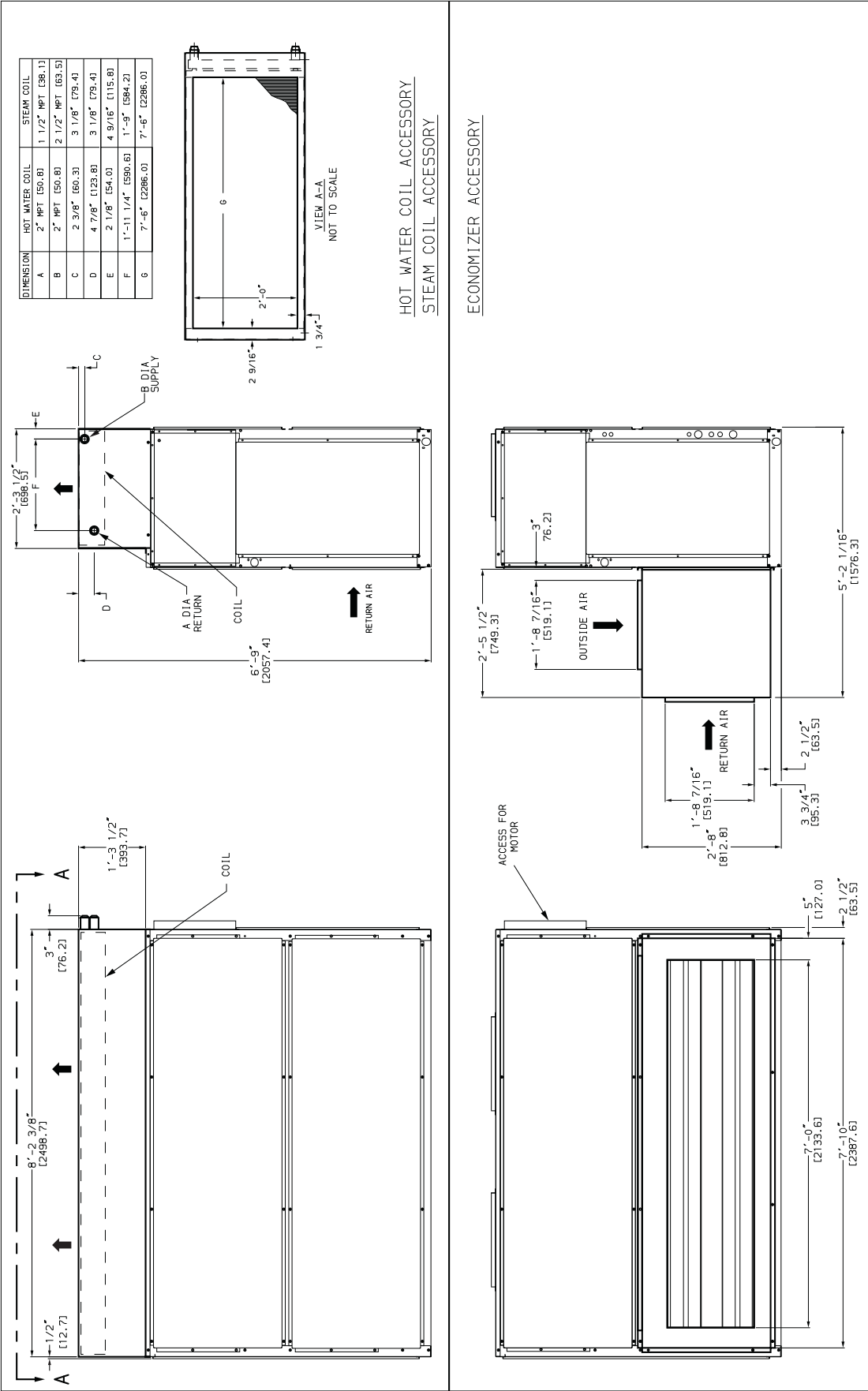
CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA14, 16, 25



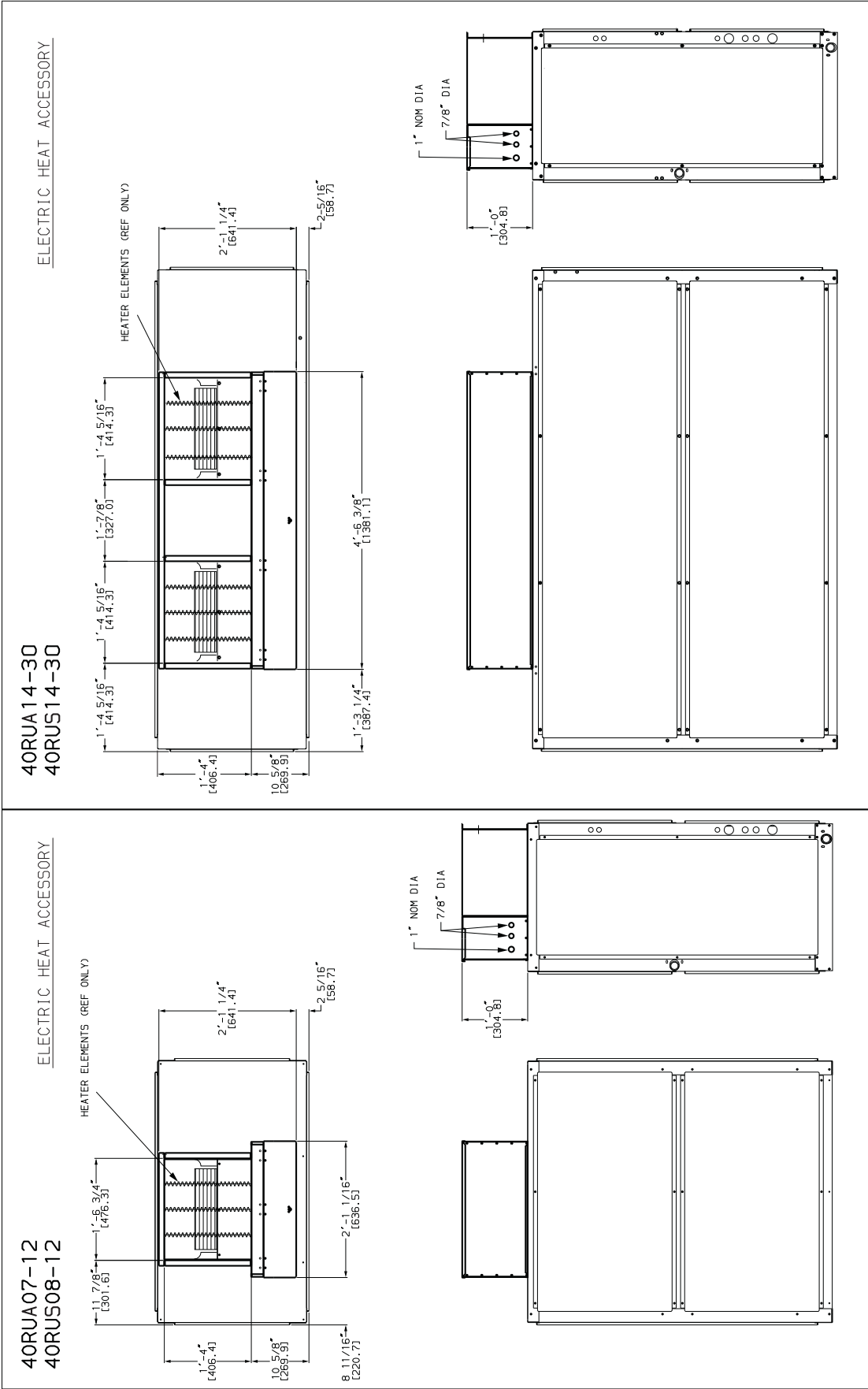
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CERTIFIED DIMENSION - ACCESSORIES FOR 40RUA28, 30



CERTIFIED DIMENSION - ACCESSORIES



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