

524J
PACKAGED AIR-HANDLING UNITS
60Hz
WITH PURON® (R-410A) REFRIGERANT
SIZES 07 – 28



Submittal Data



Certified to ISO 9001

DESCRIPTION

The 524J fan coil units are a completely packaged unit, designed for Puron® (R-410A) refrigerant, offering the ultimate in installation ease and flexibility. Combined with Bryant 569J Series condensing units these fan coil offer system capacities from 6 to 25 tons. 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
- 2-inch 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 6 to 10 ton units, dual refrigerant circuit on 12.5 to 25 ton units. Dual circuit units can be field modified for use on single circuit condensing units.
- Single blower on 6 to 10 ton units; dual blower on 12.5 to 25 ton units
- 24-volt terminal block for control wiring connection
- Standard one-year warranty

PERFORMANCE DATA

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

ACCESSORIES (Field Installed)

FACTORY-INSTALLED OPTIONS (FIOPs)

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

OPTIONAL WARRANTIES

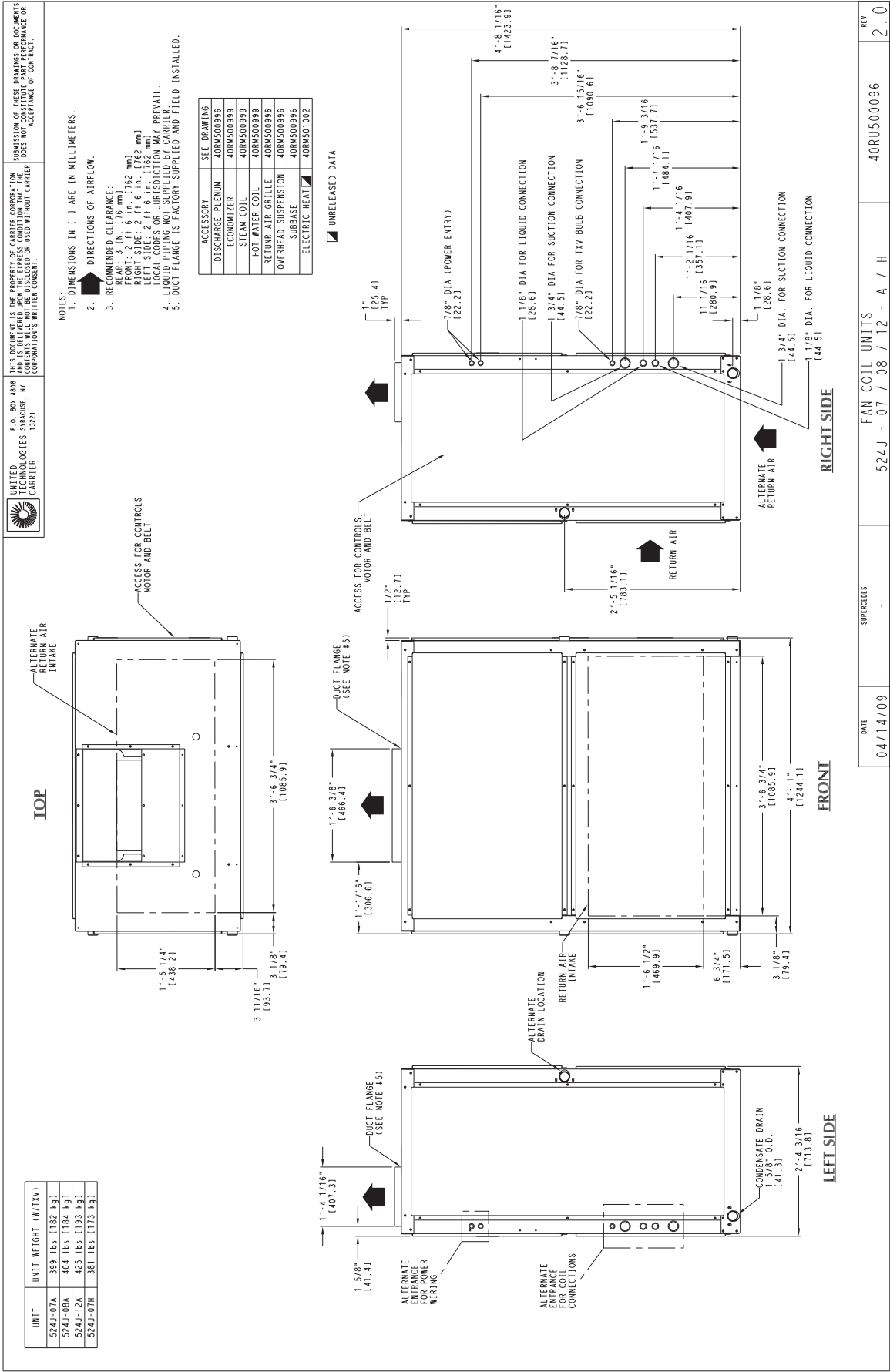
- ☐ Complete Unit Parts only up to 5 years
- ☐ Complete Unit Parts and Labor up to 5 years
- Many other optional warranties are available.
See the *Commercial Start-Up and Optional Extended Warranty Price* price pages for further information.

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
- ☐ 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.

CERTIFIED DIMENSION 524J*07, 08, 12



DATE 04/14/09

SUPERSEDES -

FAN COIL UNITS 524J - 07 / 08 / 12 - A / H

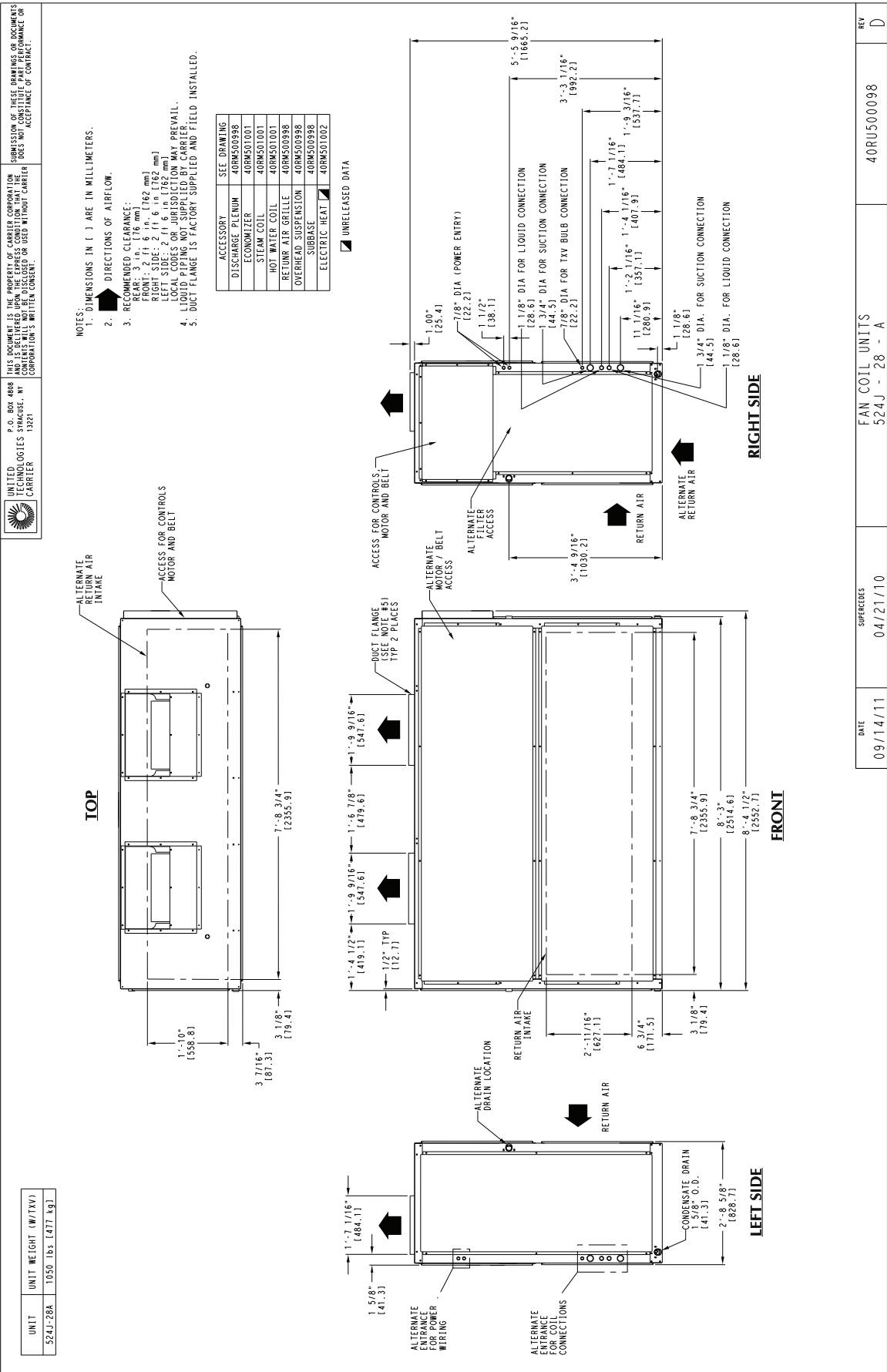
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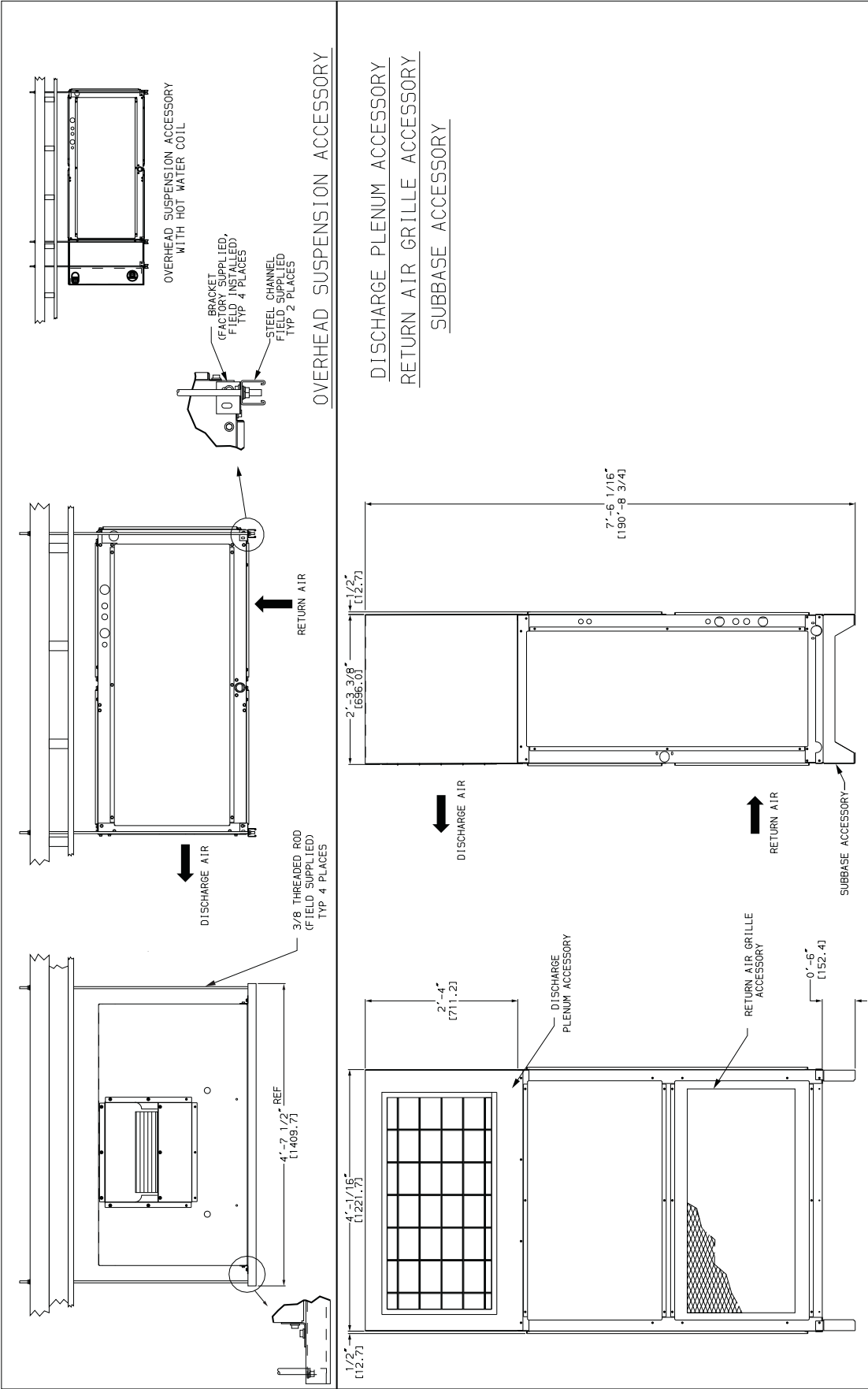
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CERTIFIED DIMENSION 524J* 28

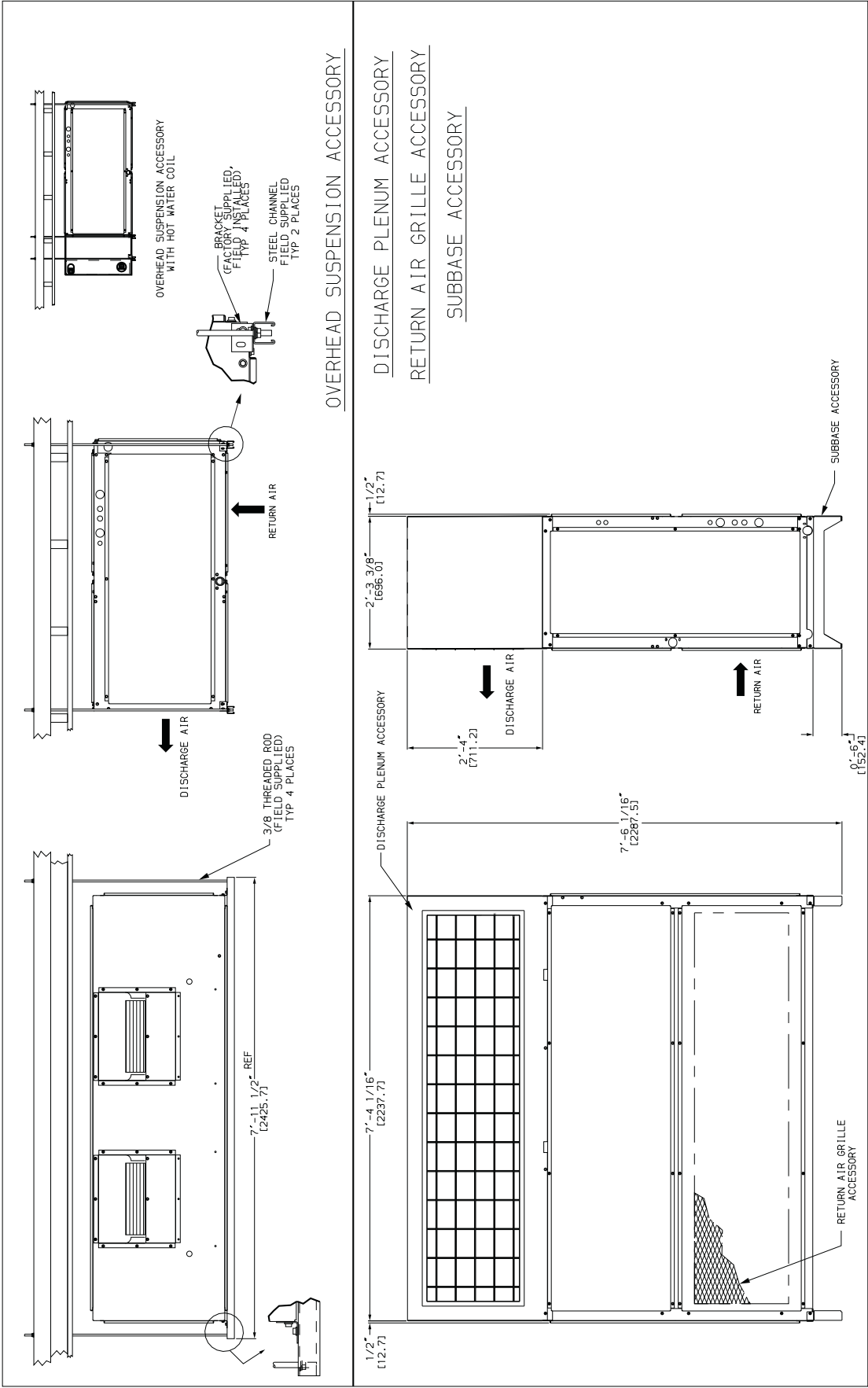


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CERTIFIED DIMENSION - ACCESSORIES 524J*07, 08, 12

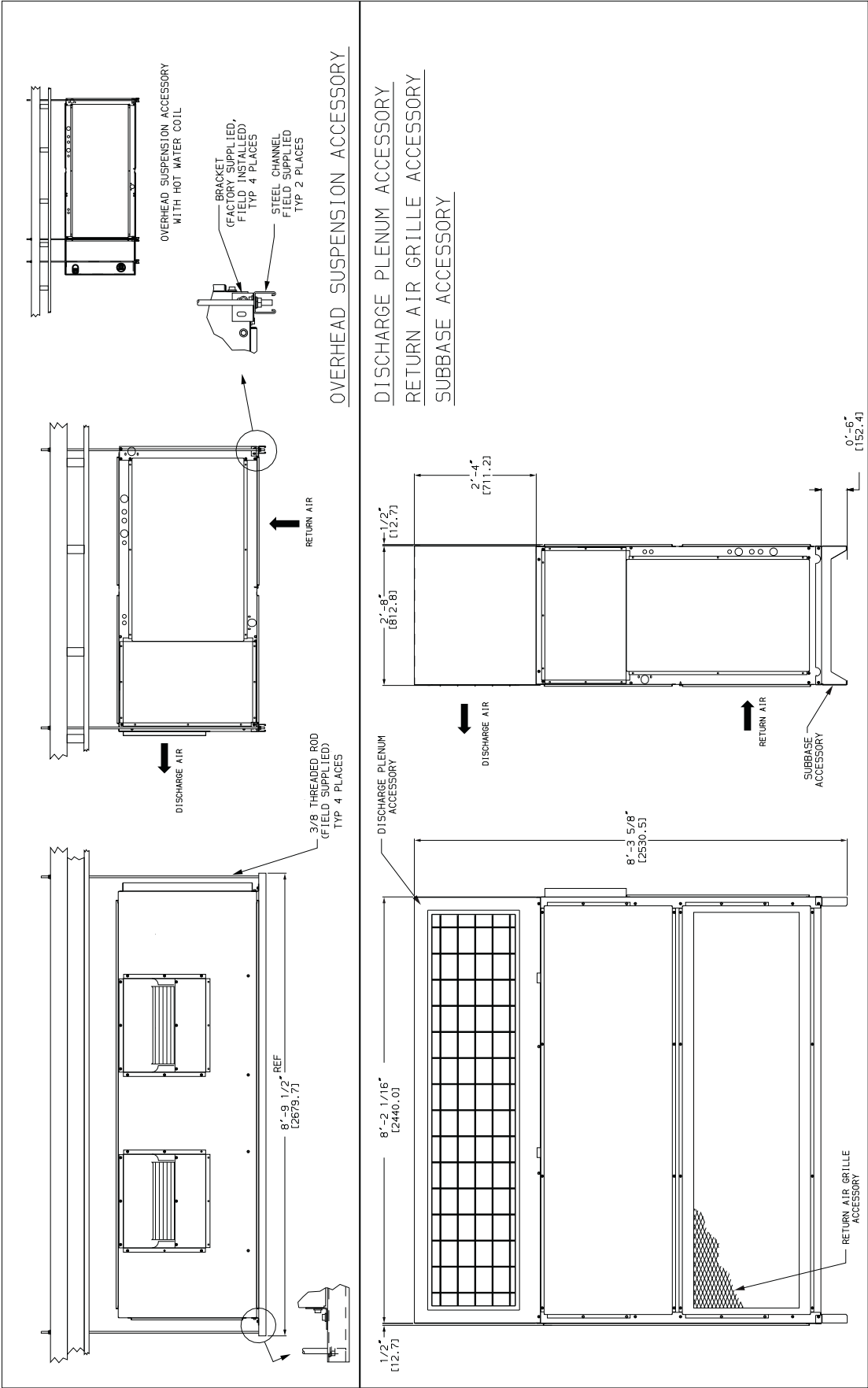


CERTIFIED DIMENSION - ACCESSORIES 524J*14, 16, 25

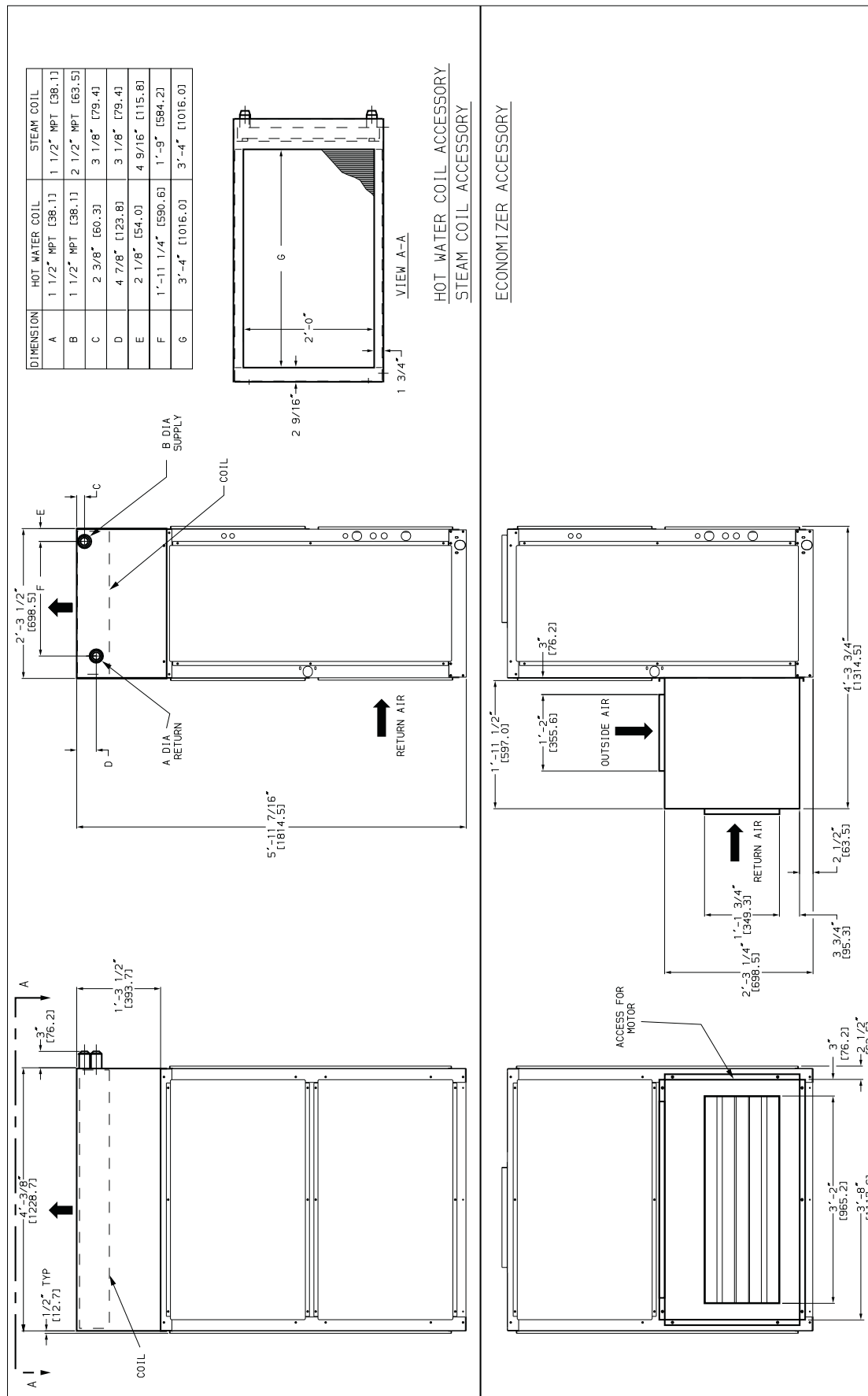


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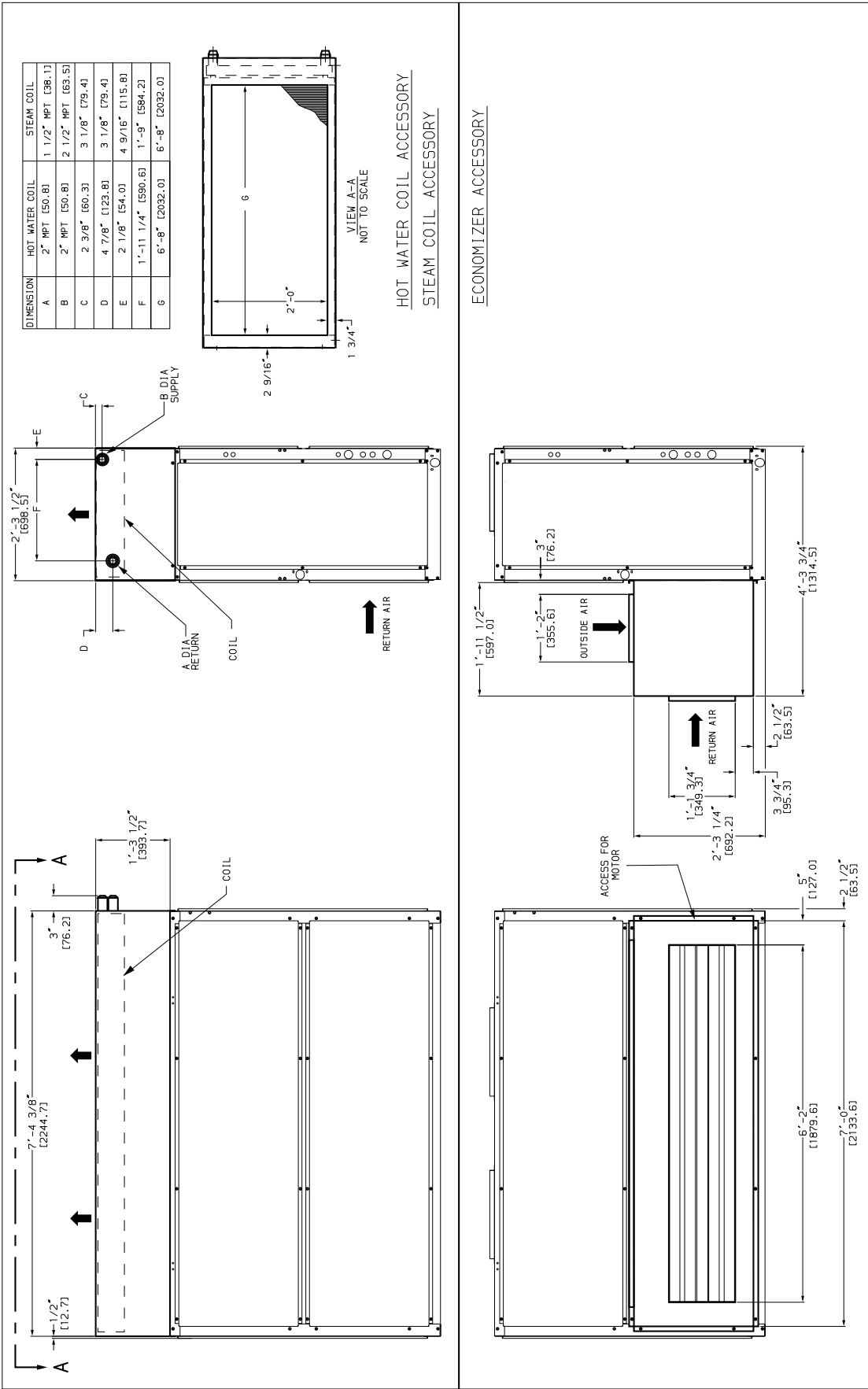
CERTIFIED DIMENSION - ACCESSORIES 524J*28



CERTIFIED DIMENSION - ACCESSORIES 524J*07, 08, 12



CERTIFIED DIMENSION - ACCESSORIES 524J*14, 16, 25



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CERTIFIED DIMENSION - ACCESSORIES

