

DX COOLING COIL SYSTEM

HE+DX COIL



AN ENGINEERED DEDICATED OUTDOOR AIR SYSTEM SOLUTION FOR ERVs

RENEWAIRE EVERYWHERE

EVERY GEOGRAPHY, EVERY CLIMATE, EVERY HOME,
EVERY BUILDING AND EVERY APPLICATION

HE+DX COIL

RenewAire's HE+DX Coil is an **ENGINEERED SOLUTION** comprised of a RenewAire HE Series energy recovery ventilator (ERV) with a DX cooling coil for split or VRF systems. This coil enables HE07 and HE10 ERVs to be **CONVERTED INTO DEDICATED OUTDOOR AIR SYSTEMS (DOAS)**. Doing so provides 100% outdoor air and offers a cost-effective alternative to DOAS units. It also reduces lead times significantly and overcomes installation challenges posed by tight spaces.

PRODUCT OVERVIEW

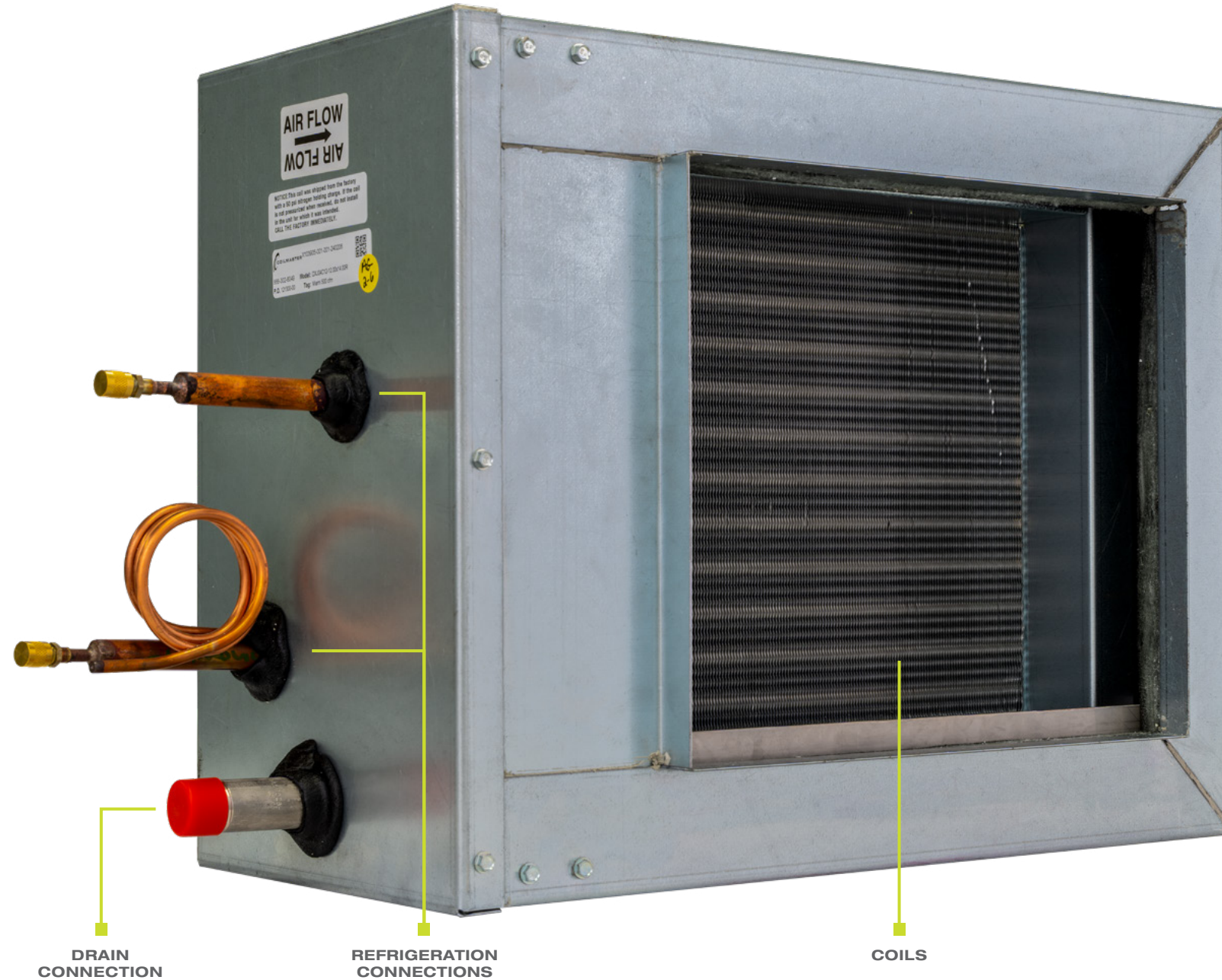
The HE+DX Coil engineered solution is designed specifically for RenewAire HE07 and HE10 ERVs. The DX coil has two copper connections, a liquid supply line and a suction line.

The suction header has an option to be equipped with an external equalizer line connection for TXV applications. Refrigerant controller valves are supplied by other vendors per the designer's specifications.

The DX cooling coil is mounted above a drain pan. The coil requires connection to other equipment, supplied by others. In addition, connection of condensate drain along with any required traps and piping must be supplied by others.

FEATURES

- ◆ Copper tubing with aluminum fins
- ◆ Coil sweat connections protrude from the housing making installation easier
- ◆ Housing constructed from 90G galvanized steel
- ◆ Drain pans and drain standard
- ◆ R410a, R454b or R32 refrigerants
- ◆ Sized to meet the variable refrigerant flow (VRF) manufacturer's specification



KEY BENEFITS

REDUCE COSTS

Our economical and compact HE ERVs paired with the HE+DX Coil are a cost-efficient alternative for applications requiring 100% outdoor air.

DECREASE LEAD TIMES

Unlike unitary packaged DOAS units, the HE+DX systems have short production lead times allowing for faster delivery and project completions.

SAVE SPACE

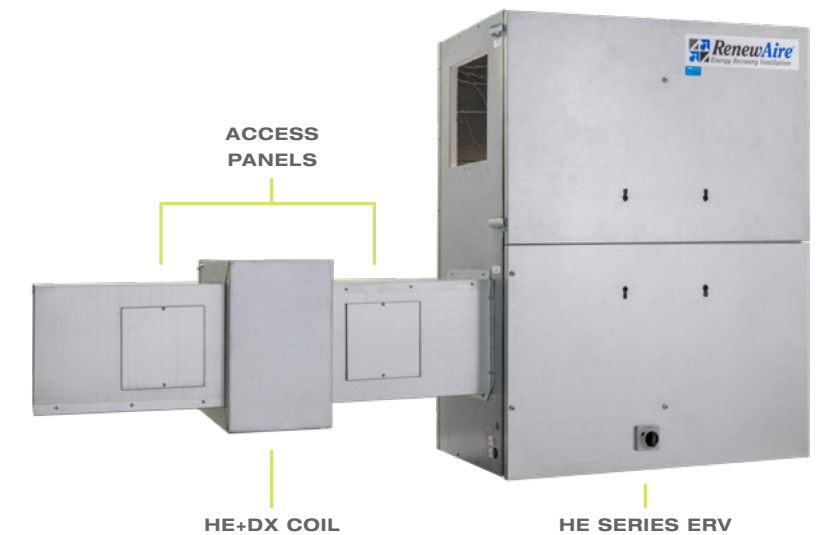
In addition to be a cost-saving alternative, the HE+DX Coil package is also a space-saving solution. In contrast with bulkier units, these ventilation systems can fit into smaller and tighter spaces.

APPLICATIONS

This HE+DX Coil system is perfect for light commercial and DOAS applications, including schools, clinics, retail stores, gyms and office buildings. Our coils are designed to be compatible with all major VRF manufacturers and to meet their VRF system specifications.

INSTALLATION

The HE+DX Coil is mounted downstream of the unit with access panels on each side for maintenance. Ducts and access panels are not included with the HE+DX Coil system. They are to be provided separately by the HVAC contractor.



ACCESSORIES

CONDITIONED AIR SENSOR (P/N 131318)

The Conditioned Air Sensor is required if using premium controls to provide heating and cooling functions.



HOW TO SELECT A HE+DX COIL IN CORES

1. When selecting HE07 or HE10 ERVs, select the option to upgrade to an HE+DX Coil System.

2. On the Unit Accessories page, select the Add DX Coil Module button.

3. If coil data is not specified, CORES will automatically select the best option for your application.

4. All VRF coils are designed to meet each VRF manufacturer's specifications.

5. All of the performance data is ported over from the ERV selection. It can be customized to your specifications.

6. Once submitted, all of the coil data will appear on the submittal.