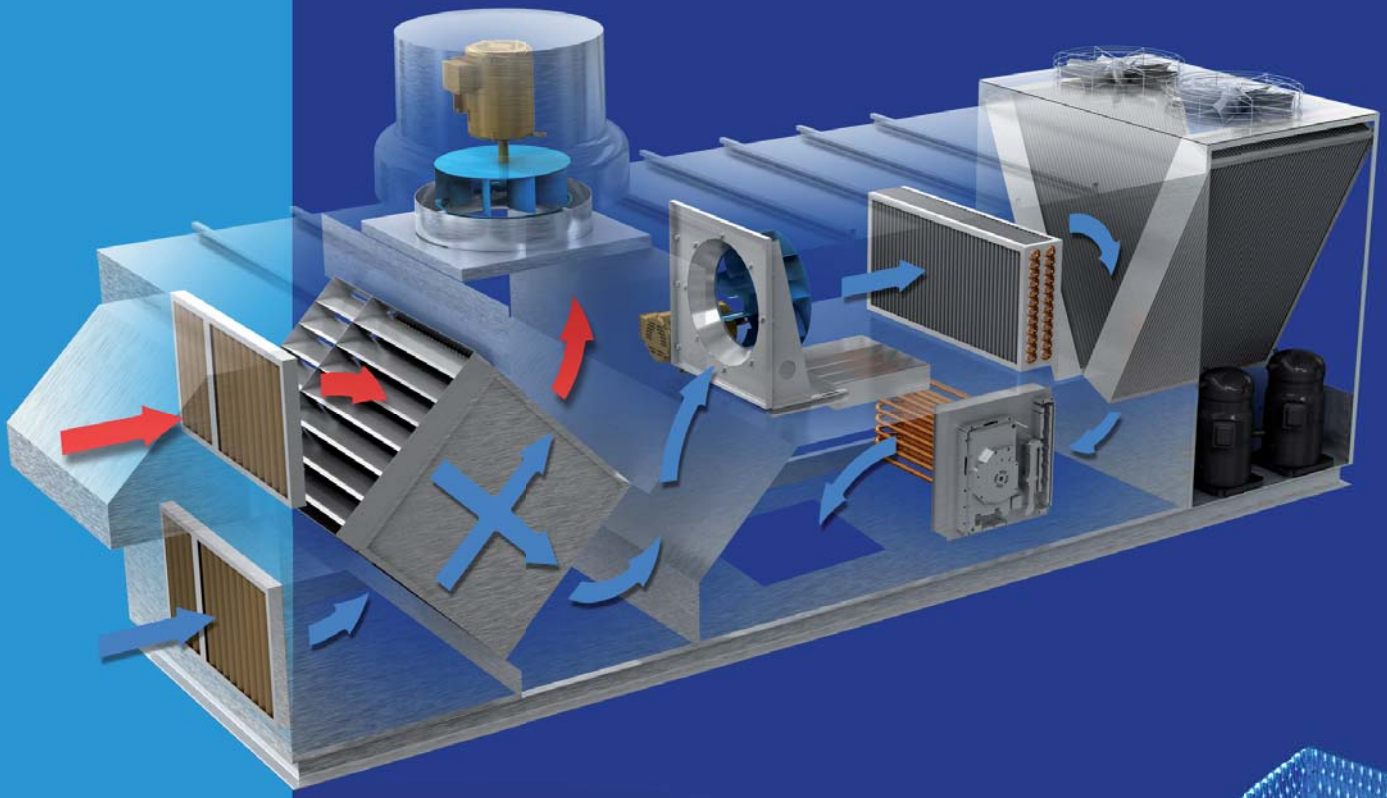
RECOMIZER



MAFNA Air Technologies Inc.

COMPANY PROFILE

INTRODUCTION

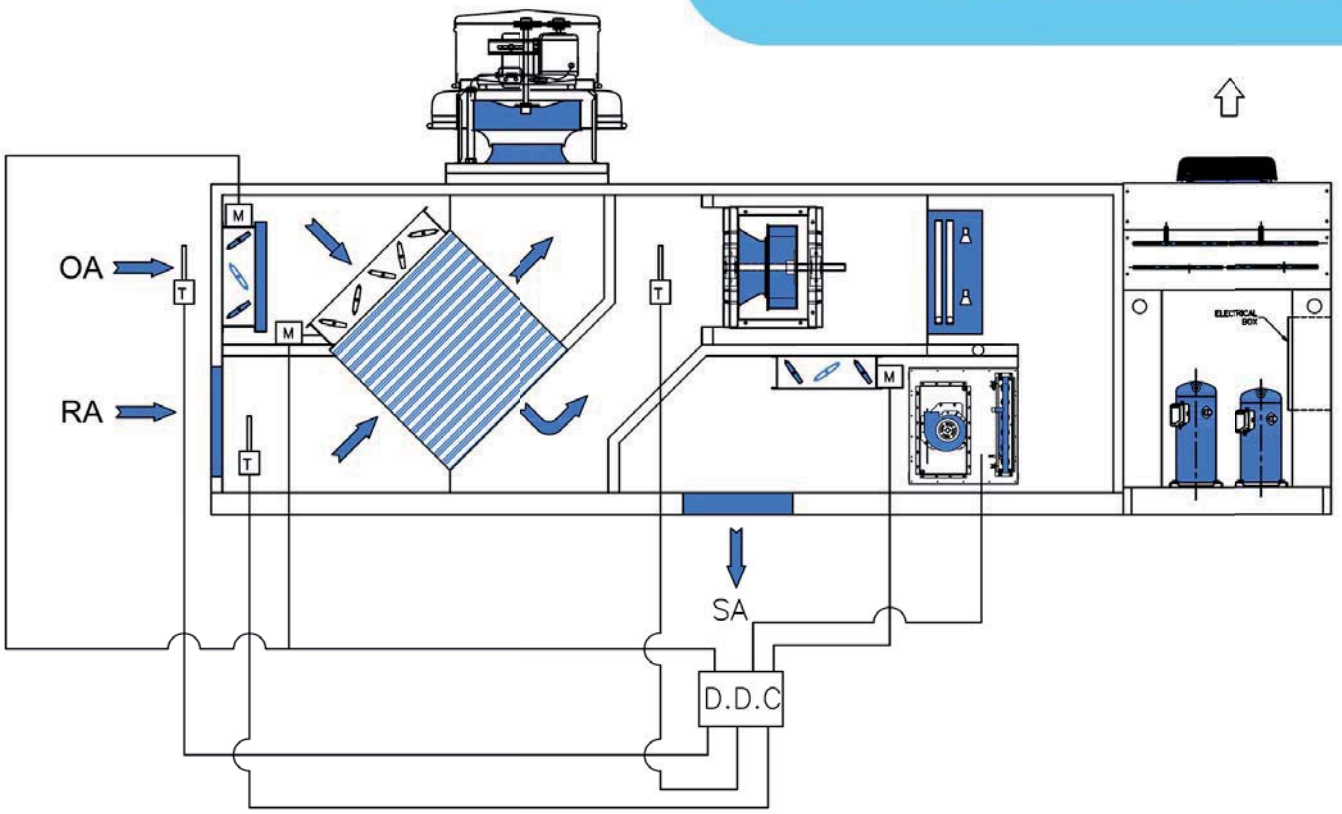
We are pleased to introduce ourselves as MAFNA Air Technologies Inc., established in 1999. MAFNA Air Technologies Inc, is Canada's leading manufacturer and supplier of Air conditioning products. We offer expert solutions for all your cooling and heating needs. From schools to factories, we have catered to various schools to commercial applications in North America. We provide cost effective solutions for variety of energy saving needs.

We are dedicated to bringing you the finest in custom built **heat recovery units, rooftop units, air handling units, explosion proof units, Lab Exhaust, desiccant dehumidification unit, pool dehumidification unit, custom built fan coil units, fluid cooler unit, exhaust recovery unit, custom built pre-fabricated mechanical/boiler room, chilled beam units** and many more. Our motto is "We adapt our ENGINEERING to meet the requirements of your CUSTOM APPLICATIONS". We've been following this motto for the past 15 years.

Our energy efficient experts and engineers have made ground breaking innovations in this field.

Manufactured in our state of art facility, MAFNA produces sustainable products with full compliance to the specification. Mafna offers high quality construction units featuring fully welded structural bases and interior hemmed panels. Mafna offers fiberglass insulation, double wall construction in varying thicknesses and also a foam injected core construction featuring a unique tongue and groove construction for the ultimate in thermal break; it is lightweight and has a very durable casing.

RECOMIZER



OVERVIEW

RECOMIZER delivers high efficiency, energy saving, humidity control, enhanced indoor air quality and thermal comfort with a compact design.

Conventional HVAC systems use dilution and exhausting as main methods for ensuring good indoor air quality, but these technologies are energy-intensive and very expensive.

RECOMIZERs are engineered to benefit a wide range of applications such as:

• *Hospitals* • *Clean Rooms* • *Laboratories* • *Universities* • *Data Centres*
• *Server Rooms* • *Offices* • *Hotels* • *Process Cooling Sectors* • *Retail*
• *Healthcare* • *Education* • *Leisure* • *Defense* • *Industrial*

For a highly efficient design, we recommend using the Recomizer in combination with MAFNA FLCUs (Air Terminal Units). The Recomizer provides 100% of the required ventilation air at constant volume and meets the full latent conditioning load (ventilation air latent load plus space latent load) and portion of the space sensible load, while the terminal system meets only the remaining space sensible load.

RECOMIZER

ADVANTAGES

REDUCED ENERGY CONSUMPTION

- Reduces ventilation costs by using heat in outgoing exhaust air to warm incoming fresh air in the winter and by pre-cooling the outside air in the summer.
- Reduces the cost of running mechanical systems during moderate outside air temperatures by running on Economizer mode.
- Reduces the chiller load or dehumidifying load thus downsizing the HVAC system.

IMPROVED INDOOR ENVIRONMENT

- Ensures circulation of fresh outdoor air and reduces stagnancy of air; thus providing a comfortable room condition.
- Controls indoor air humidity levels to prevent moisture problems such as condensation or over drying.
- Helps control odors and humidity levels.
- Dilutes indoor air contaminants.

COMPACT DESIGN

- The compact design with all-in-one features reduces the foot print required, which is a huge savings to the growing real estate market.
- Substantial savings achieved on investment cost, as well as operating and maintenance cost.
- Easy installation and ready to plug in.

REDUCED ENVIRONMENTAL IMPACT

- Reduces energy consumption-related green house gas emissions due to heat recovery that offsets energy otherwise used to heat ventilation air.

ASHRAE Standard 90.1-2010 Section 6.5.6.1-Exhaust Air Energy Recovery

1. Must recover energy in any system with good potential, which depends upon supply airflow, minimum outdoor airflow ≥ 30% and climate, as shown in table 6.5.6.1
2. Must meet "energy recovery effectiveness" ≥ 50%.
3. Bypass or control requirement to avoid heat recovery during economizer operation.

International Green Construction Code Standard 189.1-2011, Section 7.4.3.6

1. Must use recovery energy based on energy recovery potential, which depends on climate, outdoor airflow (≥ 10%) and supply airflow per table 7.4.3.6
2. Must meet energy recovery effectiveness ≥ 60%.
3. Must include Bypass or control requirement to avoid heat recovery during economizer operation.

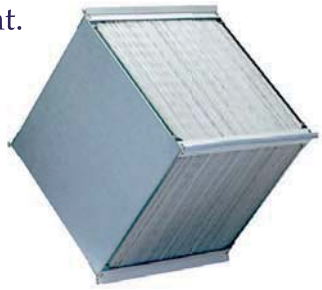
KEY COMPONENTS

The key components responsible for the elevation in performance are:

- **Energy Recovery Core**
- **Bypass & Economizer Control**
- **Digital Scroll & optional Hot Gas Reheat**

Energy Recovery Core (ERC) - The enthalpy exchangers recover the thermal energy (heat) and latent energy (humidity) from the outgoing exhaust airstream, which makes them potentially more efficient than heat recovery cores.

- Advanced polymer membrane, innovative core design and continuous pleating manufacturing process enables to provide higher effectiveness.
- Reduces the load on the air conditioner and de-humidifier, which saves you money.
- Helps maintain comfortable humidity level & reduces humdifier needs.
- No cross-contamination (0%EATR) per AHRI 1060.
- No mold or bacteria growth per ISO 864 standard. Bacteria resistant.
- Easily cleaned with water.
- Robust polymer membrane is freeze tolerant.
- Can eliminate need for drain pan.
- Withstands pressure differentials of 10" w.g
- Flexible sizing: 8"- 60"
- UL flame certified and AHRI performance certified.



Bypass & Economizer Control - During moderate climate, the integrated economizer is the most economical option. Supplying the outdoor air directly into the space also has the greatest effect on the thermal loads. This can greatly reduce the energy consumption.

When a unit is equipped with a 0-100% modulating economizer, the energy recovery option includes a set of bypass dampers that allow air to bypass the energy recovery core when the core is not operating.

Digital Scroll Compressor - The technology is widely used for varying loads or where precise temperature and humidity control is necessary.

- The digital scroll compressor provides variable capacity output from 10% to 100% seamlessly.
- 30 % more efficient than traditional hot-gas bypass
- Reduction in wear and tear, the compressor has enhanced reliability and requires less maintenance
- Hot gas reheat option

FEATURES

CONSTRUCTION

Recomizer has a robust design with excellent life expectancy. It is built for low leakage and high pressure applications. The casing is made of galvanized steel. Stainless steel and aluminum casing options are also available. 2-inch or 4-inch double wall construction. Fiberglass or PU Foam insulation results in less wall deflection and lower air leakage rates. Available in 4, 6 or 8 inch formed structural steel channel with 14Ga. epoxy coated flooring.

FANS

Recomizer has high efficiency AMCA certified fans: backward inclined and airfoil type, direct and belt drive plenum fans and fan arrays. All fan assemblies include TEFC Motor with 2-inch spring isolators. We also provide the option of EC fan motors. The aerodynamically profiled steel or plastic fan blades achieve the highest efficiency with the lowest noise level. We also provide the option of spark-resistant fans with explosion-proof motors for hazardous area applications.

INDIRECT GAS-FIRED BURNER

Key features:

- Certified thermal efficiencies of 95%
- Temperature rise 20-90 F
- 10:1 modulation ratio
- Sustainable, green solution reduces annual CO2 emissions
- Stainless steel primary heat exchanger
- High grade corrosion resistant stainless steel
- CSA approved for the United States and Canada

FILTER

Filtration is essential to prevent dirt from accumulating on the coils and contaminating indoor spaces. Recomizer has a high efficiency 2-inch MERV 8 pleated filter and also 2-inch MERV 14 type secondary filter.

PACKAGED CONDENSER

The condensing unit has several key features integrated in the robust construction:

- Efficient scroll compressors are designed to operate at very high and low ambient conditions with low sound levels
- Vertical air discharge by direct drive condenser fans for quiet operation
- Large face area for condenser coils
- High efficiency enhanced copper tubing
- Low ambient head pressure control (to -20 F)
- Explosion-proof option also available
- Corrosion resistant fin and coil coatings, including copper, acrylic and phenolic coated fins

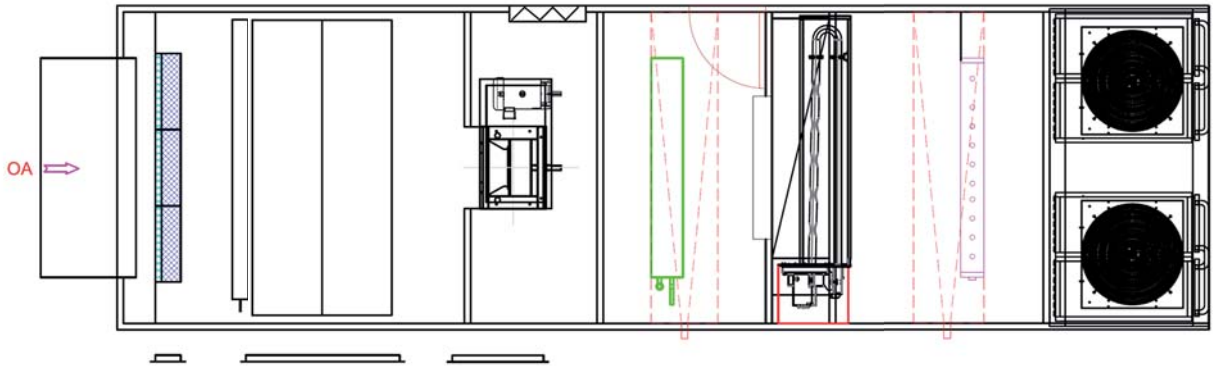
HUMIDIFIER

Steam is produced by the heat that is generated by the electric current formed between the electrodes and the minerals in the water. Electrode humidifiers generate steam capacities from 4 to 8 lbs/hr (1.8 to 3.6kg/hr).

INTEGRATED INDIRECT GAS FIRED BURNER

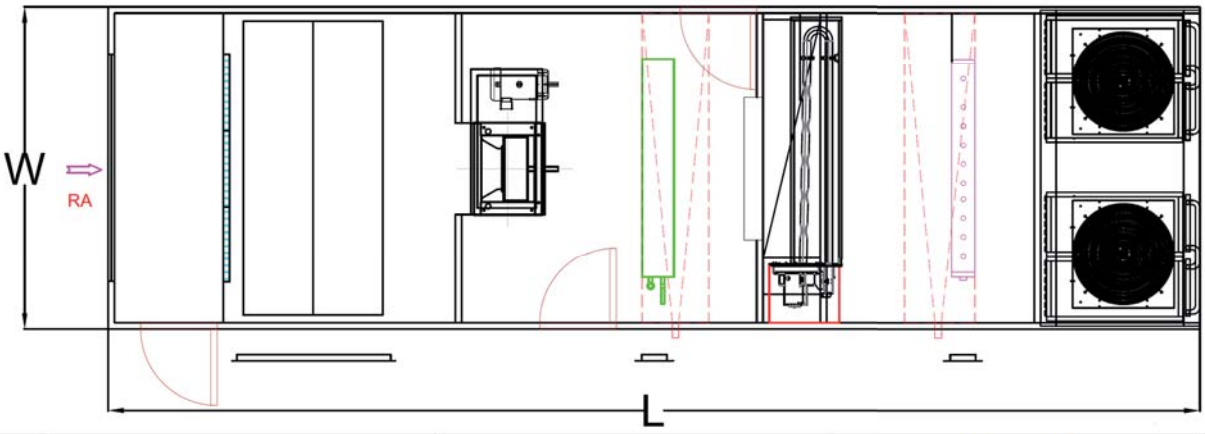
RECOMIZER

UPPER PLAN



ELEVATION

LOWER PLAN

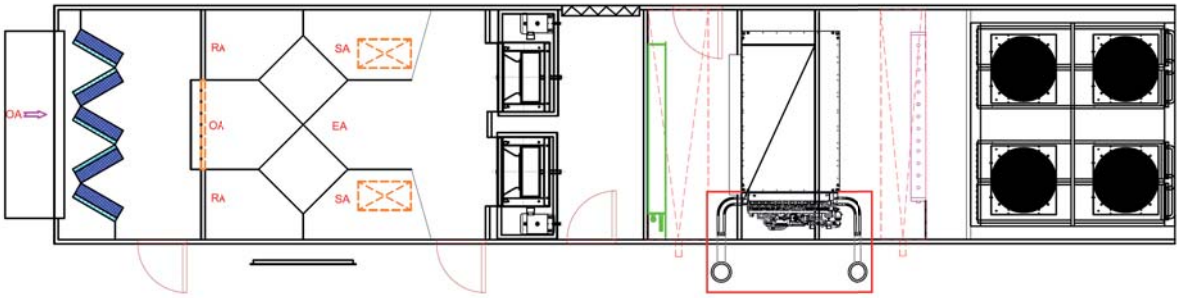


Model	RDX25I20	RDX50I35	RDX75I50
Air Flow	2500 CFM	5000 CFM	7500 CFM
Supply / Return Fan Qty	1 / 1	1 / 1	1 / 1
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 1	31 x 31 x 31 - 2	31 x 31 x 31 - 3
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB): 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB): 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	59 MBH	122 MBH	176 MBH
Scroll Compressor Qty	1	2	2
Indirect Gas Fired Burner			
Rated Input Capacity	200 MBH	350 MBH	500 MBH
Dimensions (LxWxH)in	279 x 102 x 76	323 x 102 x 80	344 x 102 x 98

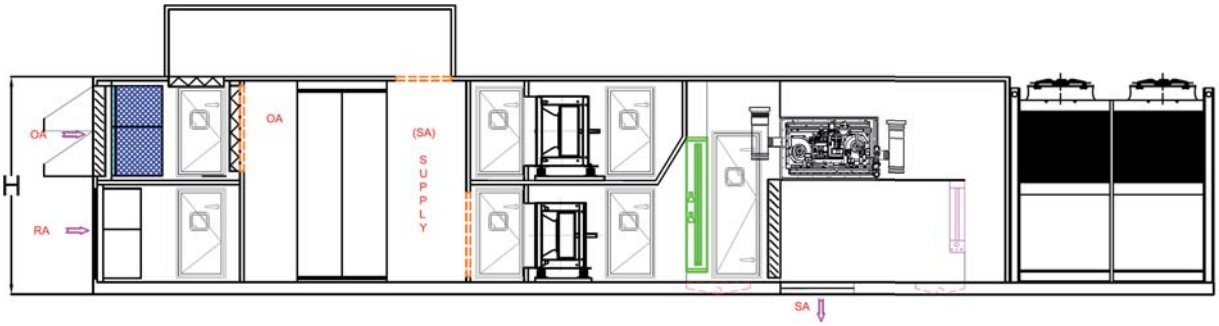
INTEGRATED INDIRECT GAS FIRED BURNER

RECOMIZER

UPPER PLAN



ELEVATION



LOWER PLAN

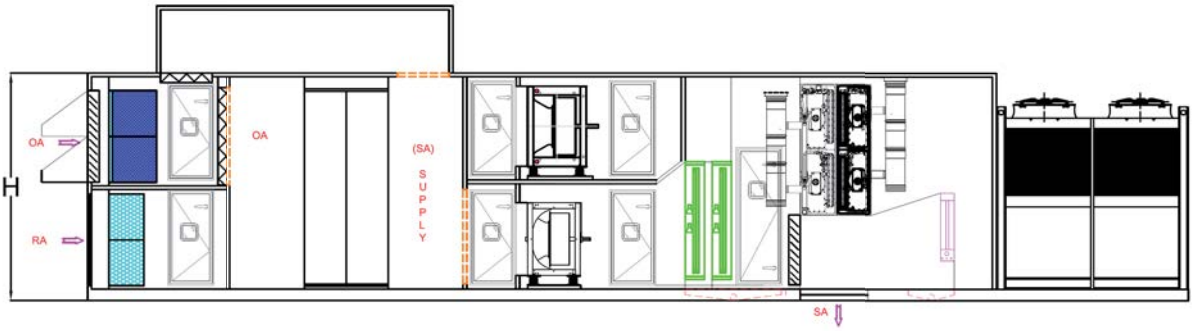
Model	RDX100I60	RDX125I70	RDX150I100	RDX175I120
Air Flow	10000 CFM	12500 CFM	15000 CFM	17500 CFM
Supply / Return Fan Qty	1 / 1	2 / 2	2 / 2	2 / 2
Energy Recovery Core				
Size (in.) - Qty	31 x 31 x 31 - 4	31 x 31 x 31 - 5	31 x 31 x 31 - 6	31 x 31 x 31 - 6
Summer Condition	Outside Air Temperature (DB/WB) : 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%			
Winter Condition	Outside Air Temperature (DB/WB) : 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%			
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F			
Capacity	240 MBH	292 MBH	352 MBH	411 MBH
Scroll Compressor Qty	2	2	2	4
Indirect Gas Fired Burner				
Rated Input Capacity	600 MBH	700 MBH	1000 MBH	1200 MBH
Dimensions (LxWxH)in	430 x 102 x 102	422 x 100 x 102	551 x 117 x 107	551 x 117 x 107

INTEGRATED INDIRECT GAS FIRED BURNER

RECOMIZER

UPPER PLAN

ELEVATION



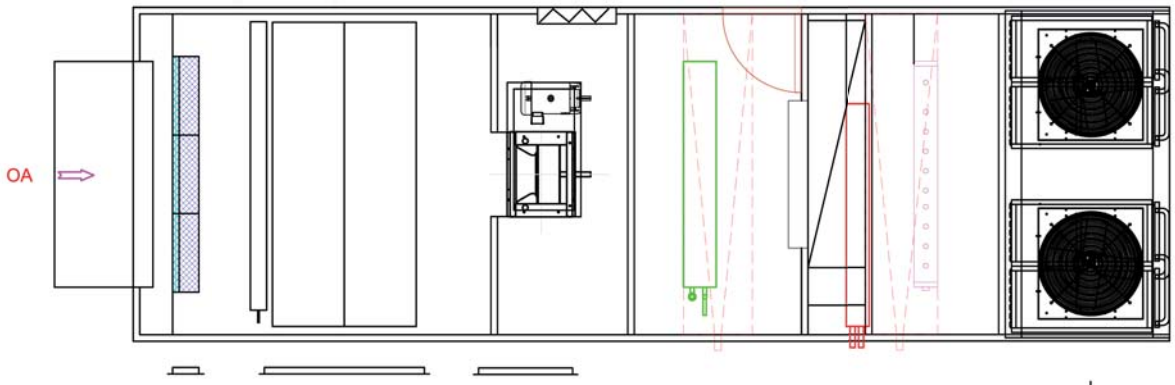
LOWER PLAN

Model	RDX200I125	RDX225I140	RDX250I160
Air Flow	20000 CFM	22500 CFM	25000 CFM
Supply / Return Fan Qty	2 / 2	2 / 2	2 / 2
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 8	31 x 31 x 31 - 9	31 x 31 x 31 - 10
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	466 MBH	533 MBH	585 MBH
Scroll Compressor Qty	4	4	4
Indirect Gas Fired Burner			
Rated Input Capacity	1250 MBH	1400 MBH	1600 MBH
Dimensions (LxWxH)in	568 x 142 x 107	576 x 142 x 107	576 x 142 x 119

INTEGRATED HEATING COIL

RECOMIZER

UPPER PLAN



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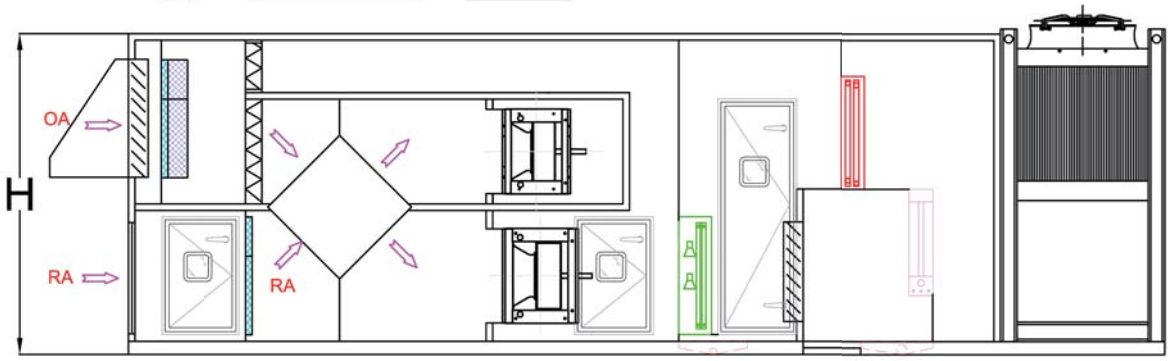
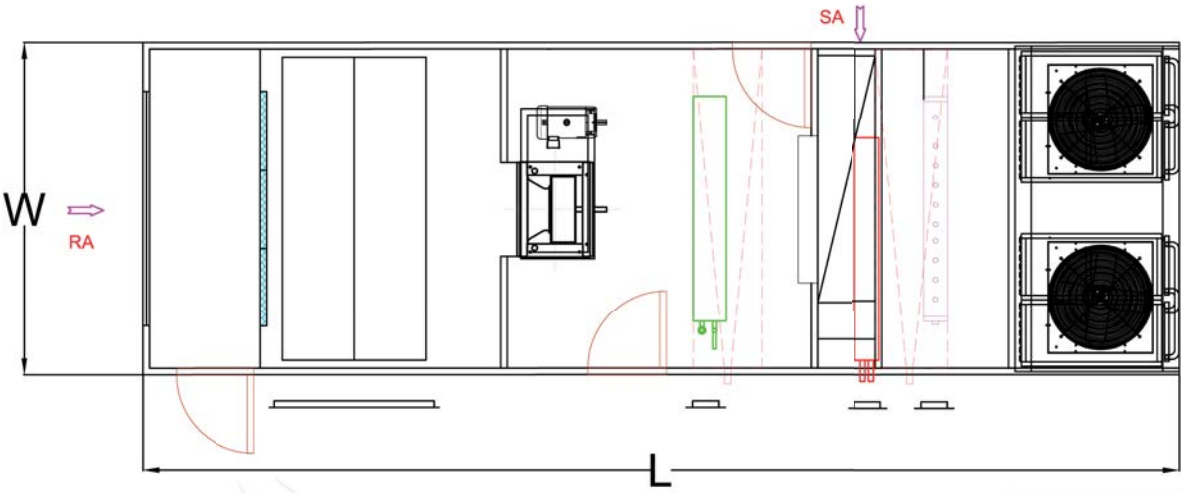


LOWER PLAN

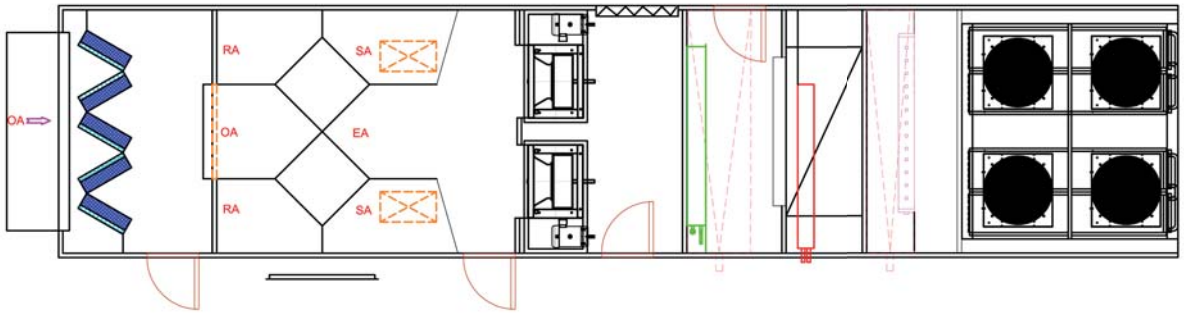


Model	RDX25H82	RDX50H170	RDX75H253
Air Flow	2500 CFM	5000 CFM	7500 CFM
Supply / Return Fan Qty	1 / 1	1 / 1	1 / 1
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 1	31 x 31 x 31 - 2	31 x 31 x 31 - 3
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	59 MBH	122 MBH	176 MBH
Scroll Compressor Qty	1	2	2
Heating Coil	Supply Air Temperature (DB) : 90 F		
Capacity	82 MBH	170 MBH	253 MBH
Dimensions (LxWxH)in	255 x 61 x 76	298 x 92 x 80	317 x 102 x 98

INTEGRATED HEATING COIL

RECOMIZER

UPPER PLAN



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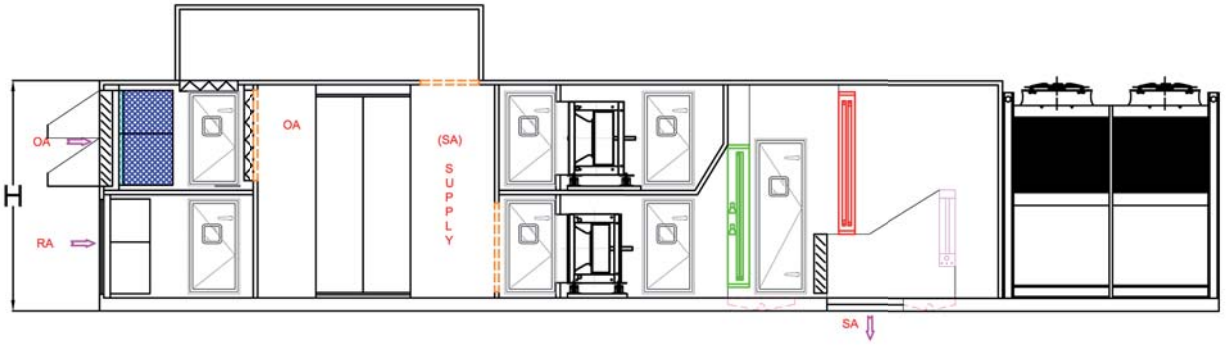

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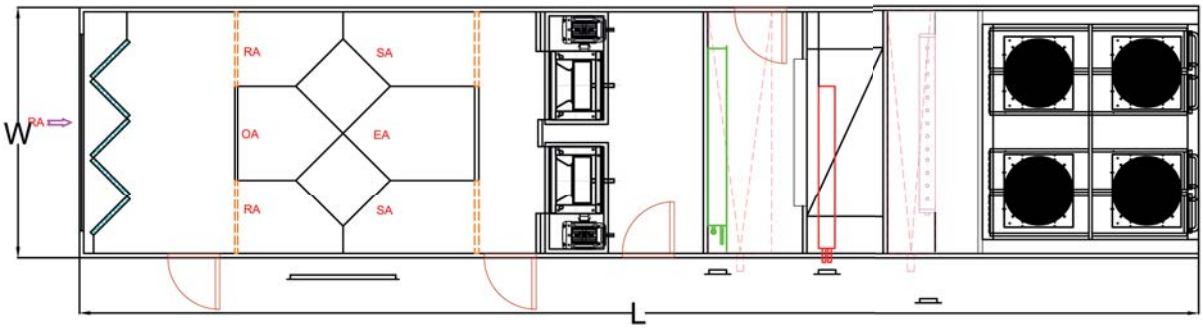
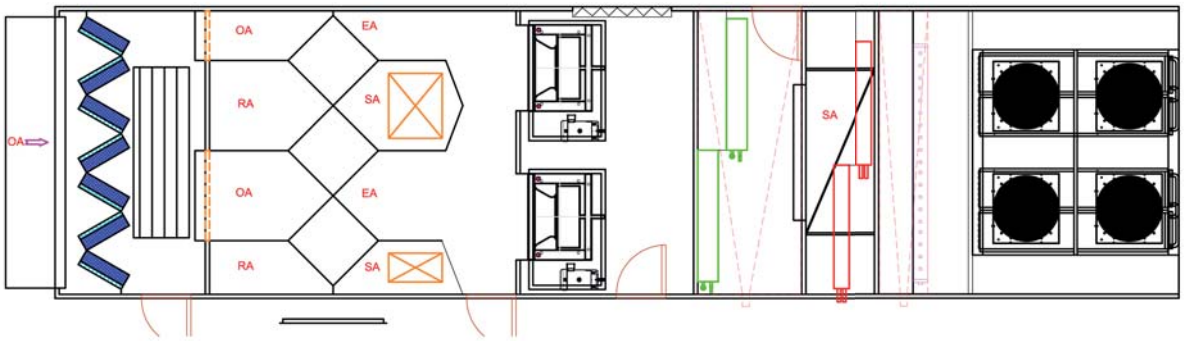


Model	RDX100H327	RDX125H420	RDX150H495	RDX175H573
Air Flow	**10000 CFM**	**12500 CFM**	**15000 CFM**	**17500 CFM**
Supply / Return Fan Qty	1 / 1	2 / 2	2 / 2	2 / 2
Energy Recovery Core				
Size (in.) - Qty	31 x 31 x 31 - 4	31 x 31 x 31 - 5	31 x 31 x 31 - 6	31 x 31 x 31 - 6
Summer Condition	Outside Air Temperature (DB/WB) : 81F/64F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%			
Winter Condition	Outside Air Temperature (DB/WB) : 28F/23F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%			
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F			
Capacity	240 MBH	292 MBH	352 MBH	411 MBH
Scroll Compressor Qty	2	2	2	4
Heating Coil	Supply Air Temperature (DB) : 90 F			
Capacity	327 MBH	420 MBH	495 MBH	573 MBH
Dimensions (LxWxH)in	419 x 100 x 102	419 x 100 x 102	520 x 117 x 107	520 x 117 x 107

INTEGRATED HEATING COIL

RECOMIZER

UPPER PLAN



ELEVATION

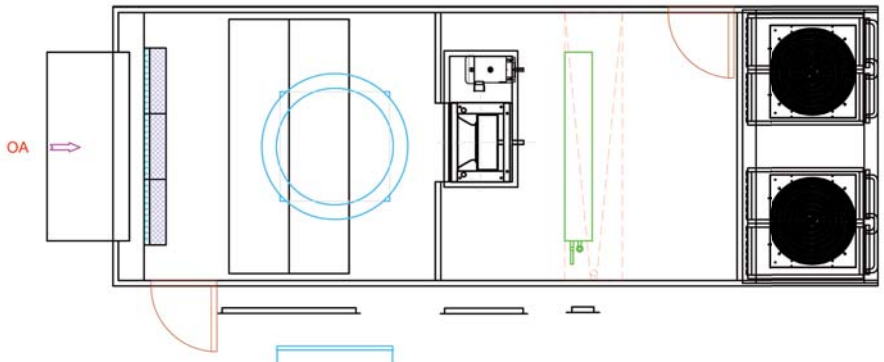
LOWER PLAN

Model	RDX200H675	RDX225H750	RDX250H833
Air Flow	20000 CFM	22500 CFM	25000 CFM
Supply / Return Fan Qty	2 / 2	2 / 2	2 / 2
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 8	31 x 31 x 31 - 9	31 x 31 x 31 - 10
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	466 MBH	533 MBH	585 MBH
Scroll Compressor Qty	4	4	4
Heating Coil	Supply Air Temperature (DB) : 90 F		
Capacity	675 MBH	750 MBH	833 MBH
Dimensions (LxWxH)in	537 x 142 x 107	555 x 142 x 107	547 x 142 x 119

COMPACT INTEGRATED INDIRECT GAS FIRED BURNER

RECOMIZER

UPPER PLAN



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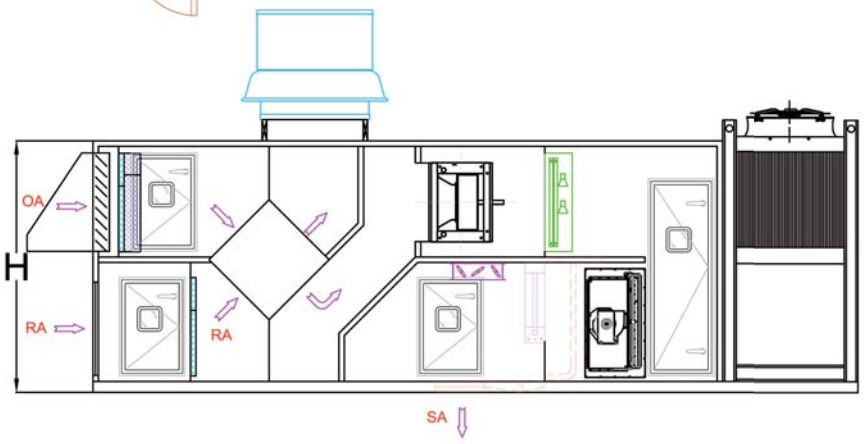
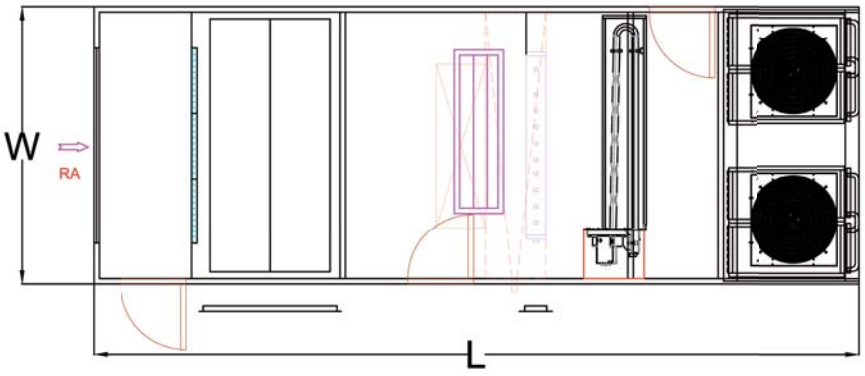


LOWER PLAN

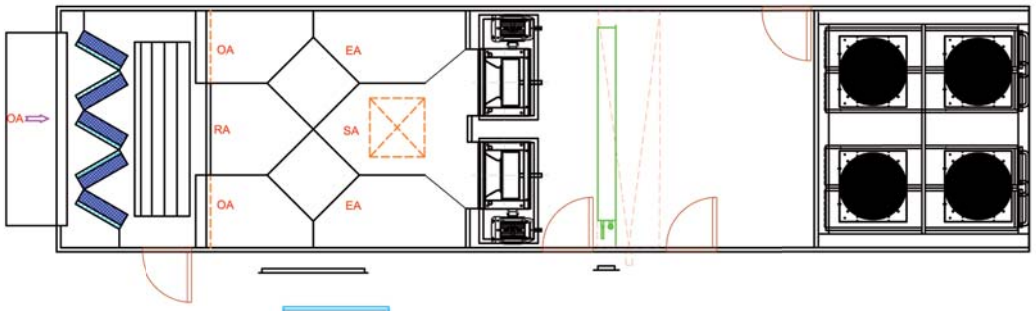


Model	RDXC25I20	RDXC50I35	RDXC75I50
Air Flow	2500 CFM	5000 CFM	7500 CFM
Supply / Return Fan Qty	1 / 1	1 / 1	1 / 1
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 1	31 x 31 x 31 - 2	31 x 31 x 31 - 3
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB): 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB): 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	59 MBH	122 MBH	176 MBH
Scroll Compressor Qty	1	2	2
Indirect Gas Fired Burner			
Rated Input Capacity	200 MBH	350 MBH	500 MBH
Dimensions (LxWxH)in	237 x 61 x 67	260 x 102 x 80	280 x 102 x 92

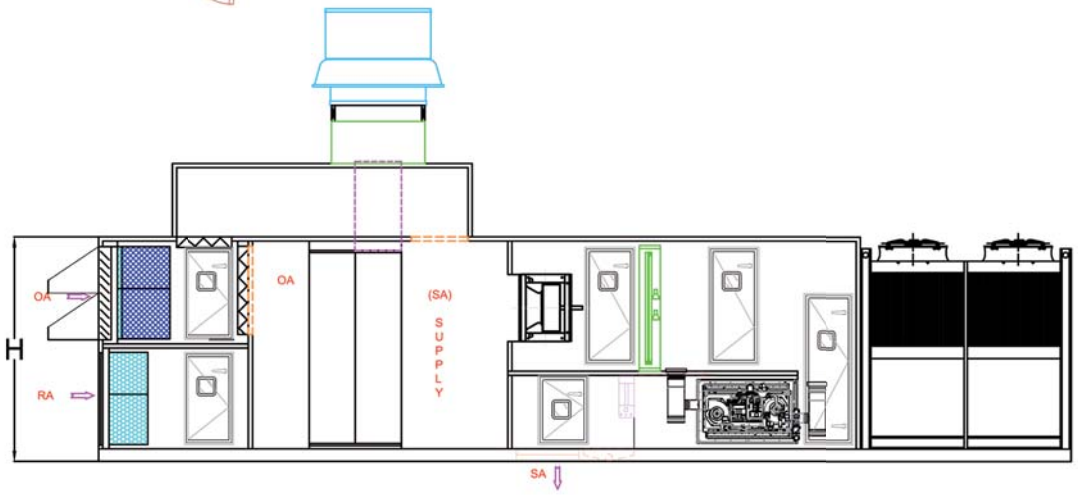
COMPACT INTEGRATED INDIRECT GAS FIRED BURNER

RECOMIZER

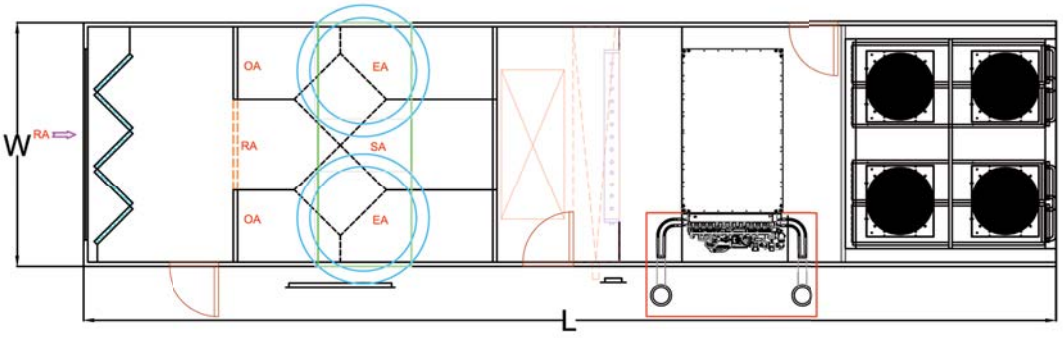
UPPER PLAN



ELEVATION



LOWER PLAN

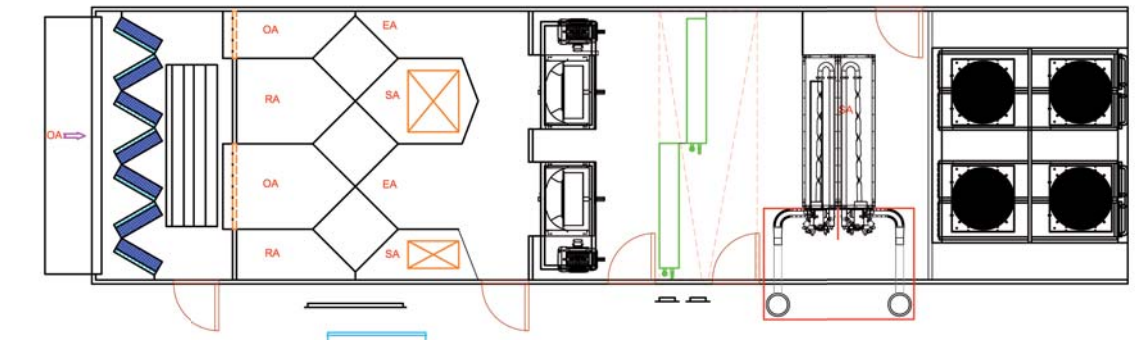


Model	RDXC100I60	RDXC125I70	RDXC150I100	RDXC175I120
Air Flow	10000 CFM	12500 CFM	15000 CFM	17500 CFM
Supply / Return Fan Qty	1 / 1	2 / 2	2 / 2	2 / 2
Energy Recovery Core				
Size (in.) - Qty	31 x 31 x 31 - 4	31 x 31 x 31 - 5	31 x 31 x 31 - 6	31 x 31 x 31 - 6
Summer Condition	Outside Air Temperature (DB/WB) : 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%			
Winter Condition	Outside Air Temperature (DB/WB) : 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%			
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F			
Capacity	240 MBH	292 MBH	352 MBH	411 MBH
Scroll Compressor Qty	2	2	2	4
Indirect Gas Fired Burner				
Rated Input Capacity	600 MBH	700 MBH	1000 MBH	1200 MBH
Dimensions (LxWxH)in	354 x 102 x 102	368 x 100 x 102	446 x 117 x 107	464 x 117 x 107

COMPACT INTEGRATED INDIRECT GAS FIRED BURNER

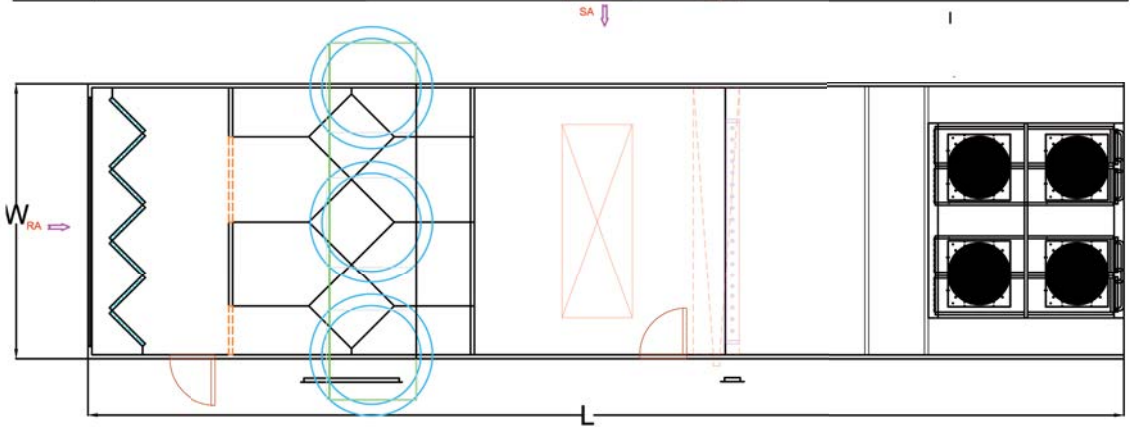
RECOMIZER

UPPER PLAN



ELEVATION

LOWER PLAN

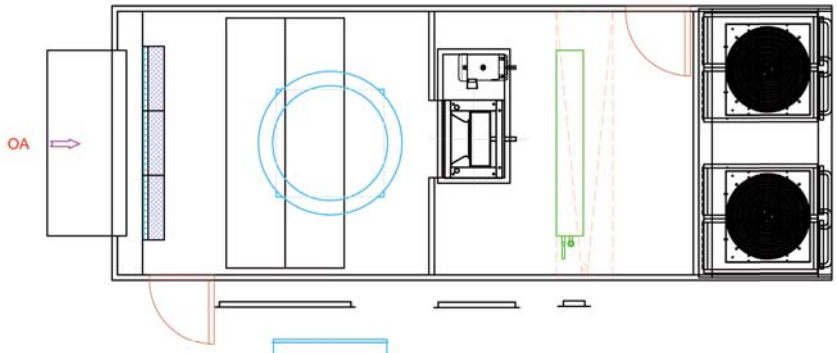


Model	RDXC200I125	RDXC225I140	RDXC250I160
Air Flow	20000 CFM	22500 CFM	25000 CFM
Supply / Return Fan Qty	2 / 2	2 / 2	2 / 2
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 8	31 x 31 x 31 - 9	31 x 31 x 31 - 10
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	466 MBH	533 MBH	585 MBH
Scroll Compressor Qty	4	4	4
Indirect Gas Fired Burner			
Rated Input Capacity	1250 MBH	1400 MBH	1600 MBH
Dimensions (LxWxH)in	456 x 142 x 107	531 x 142 x 107	532 x 142 x 119

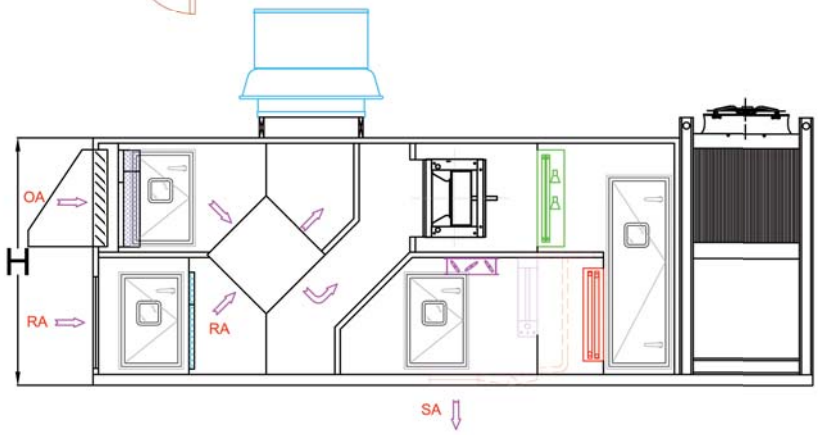
COMPACT INTEGRATED HEATING COIL

RECOMIZER

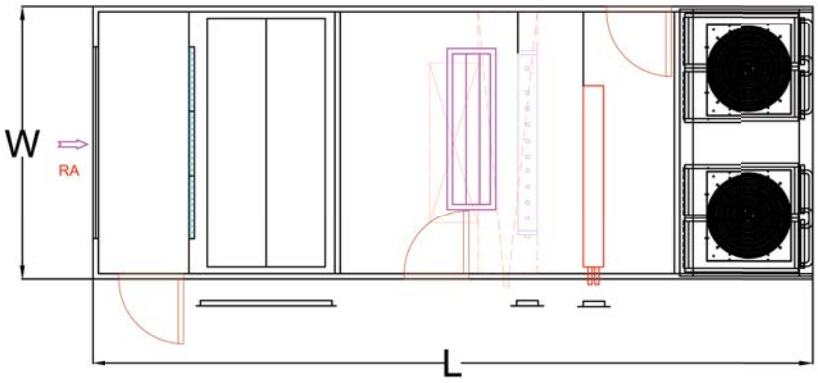
UPPER PLAN



ELEVATION



LOWER PLAN

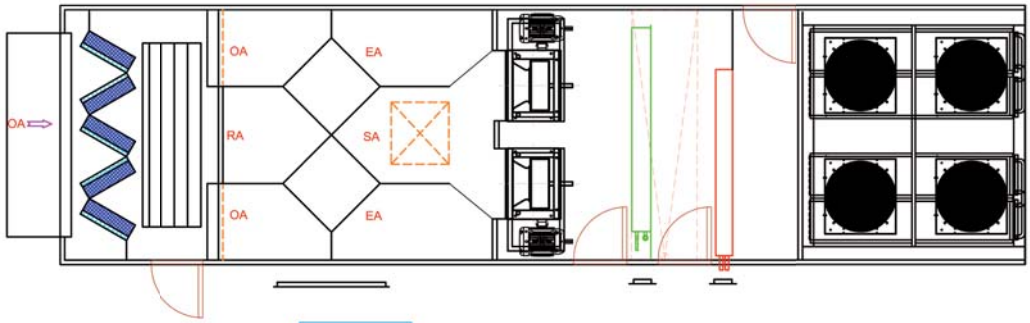


Model	RDXC25H82	RDXC50H170	RDXC75H253
Air Flow	2500 CFM	5000 CFM	7500 CFM
Supply / Return Fan Qty	1 / 1	1 / 1	1 / 1
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 1	31 x 31 x 31 - 2	31 x 31 x 31 - 3
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	59 MBH	122 MBH	176 MBH
Scroll Compressor Qty	1	2	2
Heating Coil	Supply Air Temperature (DB) : 90 F		
Capacity	82 MBH	170 MBH	253 MBH
Dimensions (LxWxH)in	223 x 61 x 67	252 x 92 x 80	268 x 102 x 92

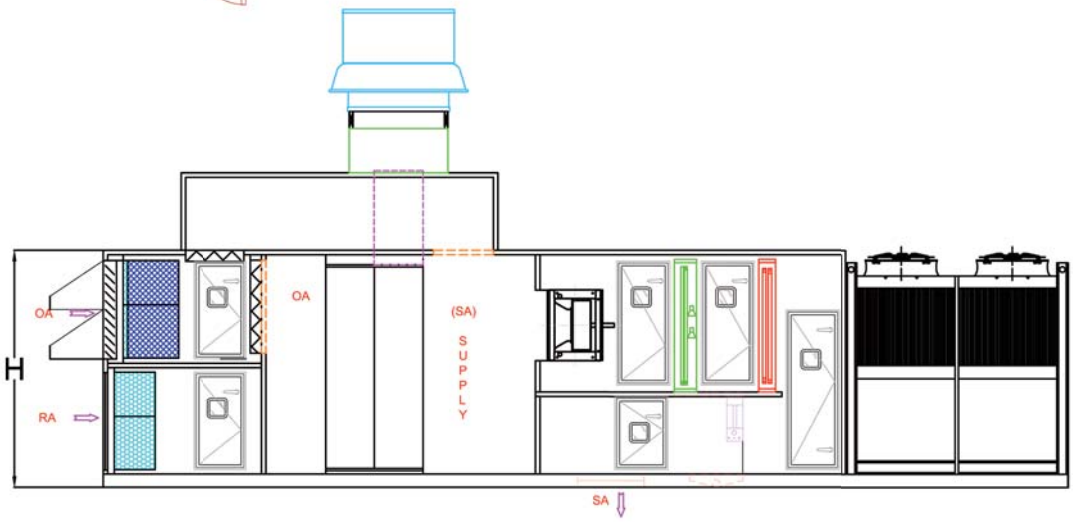
COMPACT INTEGRATED HEATING COIL

RECOMIZER

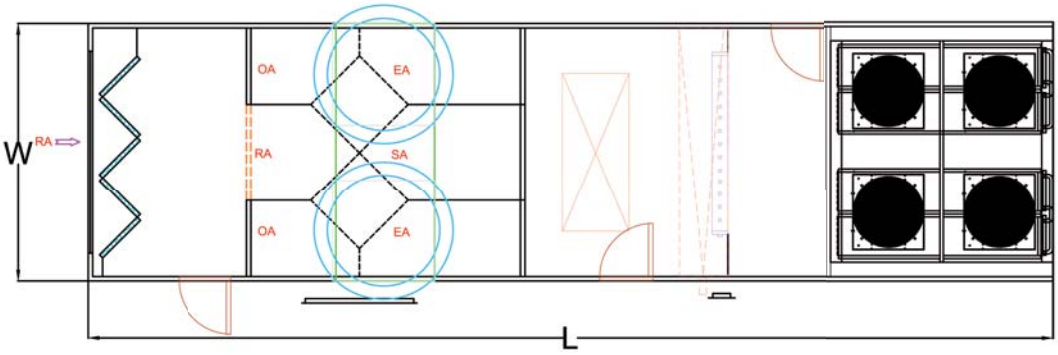
UPPER PLAN



ELEVATION



LOWER PLAN

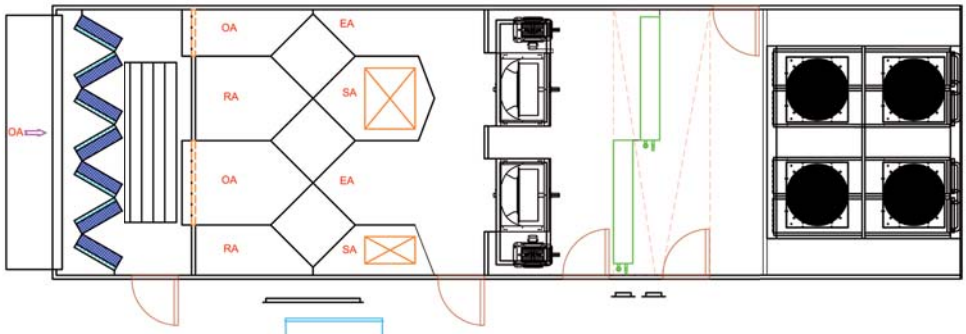


Model	RDXC100H327	RDXC125H420	RDXC150H495	RDXC175H573
Air Flow	**10000 CFM**	**12500 CFM**	**15000 CFM**	**17500 CFM**
Supply / Return Fan Qty	1 / 1	2 / 2	2 / 2	2 / 2
Energy Recovery Core				
Size (in.) - Qty	31 x 31 x 31 - 4	31 x 31 x 31 - 5	31 x 31 x 31 - 6	31 x 31 x 31 - 6
Summer Condition	Outside Air Temperature (DB/WB) : 81F/64F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%			
Winter Condition	Outside Air Temperature (DB/WB) : 28F/23F Return Air Temperature (DB/WB) : 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%			
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F			
Capacity	240 MBH	292 MBH	352 MBH	411 MBH
Scroll Compressor Qty	2	2	2	4
Heating Coil	Supply Air Temperature (DB) : 90 F			
Capacity	327 MBH	420 MBH	495 MBH	573 MBH
Dimensions (LxWxH)in	336 x 102 x 102	328 x 100 x 102	428 x 117 x 107	436 x 117 x 107

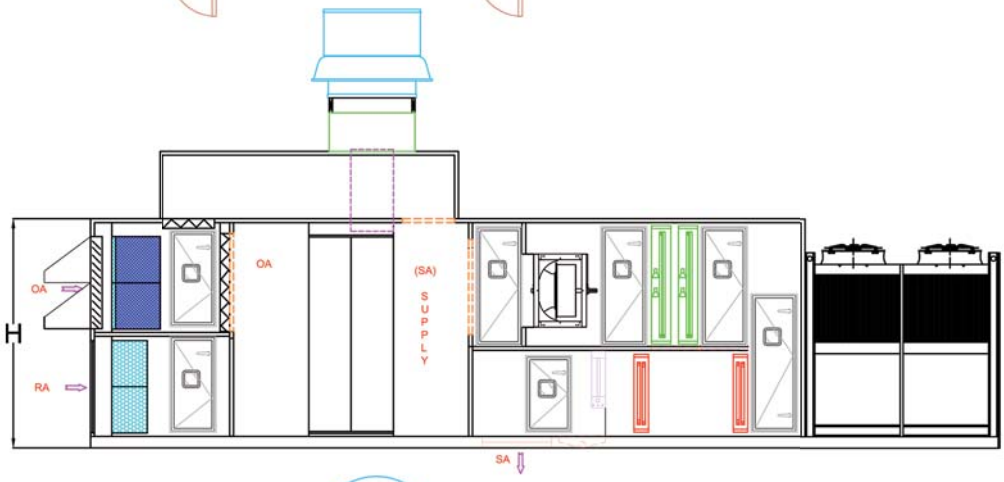
COMPACT INTEGRATED HEATING COIL

RECOMIZER

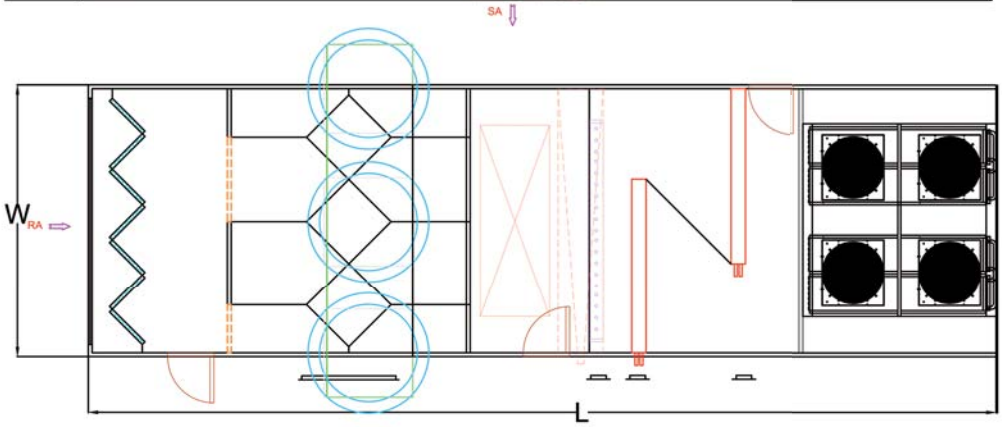
UPPER PLAN



ELEVATION



LOWER PLAN



Model	RDXC200H675	RDXC225H750	RDXC250H833
Air Flow	20000 CFM	22500 CFM	25000 CFM
Supply / Return Fan Qty	2 / 2	2 / 2	2 / 2
Energy Recovery Core			
Size (in.) - Qty	31 x 31 x 31 - 8	31 x 31 x 31 - 9	31 x 31 x 31 - 10
Summer Condition	Outside Air Temperature (DB/WB): 81F/64F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 76F/62F Total effectiveness-74.2%		
Winter Condition	Outside Air Temperature (DB/WB): 28F/23F Return Air Temperature (DB/WB): 74F/62F Leaving Air Temperature (DB/WB) : 60F/49F Total effectiveness- 59%		
DX Coil	Supply Air Temperature (DB/WB) : 55 F/54F		
Capacity	466 MBH	533 MBH	585 MBH
Scroll Compressor Qty	4	4	4
Heating Coil	Supply Air Temperature (DB) : 90 F		
Capacity	675 MBH	750 MBH	833 MBH
Dimensions (LxWxH)in	456 x 142 x 107	469 x 142 x 107	472 x 142 x 119

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