

Model	Overview	Typical Applications	cfm
AHR	Packaged roof mounted or indoor mounted rotary air-to-air heat recovery ventilator featuring an AIRotor® Series-R™ heat wheel with standard effectiveness of 75% sensible and 65% latent. Suitable for large office buildings, schools, libraries, factories, hotels, etc.	Ideal for indoor applications with over/under air flows.	1,000 to 30,000
AHS		Ideal for outdoor applications with side-by-side air flows.	1,000 to 30,000
AVR		Ideal for indoor or outdoor applications with flexible side-by-side air flows.	1,000 to 30,000
AVR-XD		Double wheel design ideal for high efficiency and dehumidification applications.	1,500 to 30,000
DXH	Custom packaged roof mounted or indoor mounted unit with air-to-air aluminum flat plate exchanger (Model XLT™, standard) designed with pre-cooling and reheat combined with a cooling coil.	Ideal design for cooling and dehumidification make-up air unit.	1,500 to 18,000
DXH-XD		Ideal design for cooling, dehumidification, and ventilation for commercial and industrial applications.	1,500 to 10,000
DXH-AR		Ideal design for cooling, dehumidification, and high efficiency ventilation for commercial applications.	1,000 to 22,000
HX	Packaged indoor mounted air-to-air heat recovery ventilator with double pass flat plate exchanger.	Ideal for indoor, custom residential, and small commercial applications.	80 to 1,200
IAQ-D	Packaged roof mounted or indoor mounted air-to-air heat recovery ventilator in a low profile design, simple and complete, capable of many options.	Ideal for smaller commercial applications with direct drive blowers.	500 to 2,400
IAQ-B		Ideal for smaller to mid-sized commercial applications with belt drive blowers.	1,000 to 16,000
PXCH	Custom packaged roof mounted or indoor mounted air-to-air heat recovery and dehumidification system using epoxy-coated aluminum flat plate exchanger.	Horizontal configuration, ideal for dehumidification and ventilation applications such as custom residential and commercial pools, hotels, and schools.	1,000 to 9,000
PXCV		Vertical configuration, ideal for dehumidification and ventilation applications such as custom residential and commercial pools, hotels, and schools.	1,000 to 4,000

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Xetex Standard and Optional Equipment

Xetex staff have the expertise to incorporate many options into unit designs. The options identified here represent those most commonly requested. Consult Xetex for other options, combinations, configurations, etc.

Features	AHR	AHS	AVR	AVR- XD	DXH	DXH- XD	DXH- AR	HX	IAQ-D	IAQ-B	PXCH	PXCV	PXHR	PXHS	XC	XHR	XHS	XTR	XLR	XVC	XVS
Energy Recovery	S	S	S	S	NA	NA	S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AlRotor Heat Wheel	NA	NA	NA	NA	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
XL T Flat Plate	O	O	O	O	O	O	O	S	S	S	S	S	S	S	S	S	S	S	S	S	S
1" Foil Lined	O	O	O	O	O	O	O	S	S	S	S	S	S	S	S	S	S	S	S	S	S
1" Fiberglass Double Wall	O	O	O	O	O	O	O	NA	O	O	O	O	O	O	O	O	O	O	O	O	O
1-1/2" Fiberglass Double Wall	O	O	O	O	O	O	O	NA	O	O	O	O	O	O	O	O	O	O	O	O	O
2" Fiberglass Double Wall	S	S	S	S	S	S	S	NA	NA	O	S	O	S	S	O	S	S	S	S	S	O
2" PolyISO Double Wall	O	O	O	O	O	O	O	NA	NA	O	O	O	O	O	O	O	O	O	O	O	O
4" Fiberglass Double Wall	O	O	O	O	O	O	O	NA	NA	CF	NA	NA	O	O	O	O	O	O	O	O	NA
2" Fiberglass Perforated Interior	O	O	O	O	O	O	O	NA	NA	O	O	O	O	O	NA	O	O	O	O	O	O
Indoor Construction	S	O	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Outdoor/Rooftop Construction (RT)	O	S	O	O	O	O	O	NA	O	O	O	CF	O	O	O	O	S	O	O	O	CF
Outside Air Shut-Off	O	S	O	O	O	O	O	O	O	O	O	O	O	O	O	O	S	O	O	O	O
Exhaust Air Shut-Off	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Face & By-Pass (BP)	CF	CF	CF	CF	O	S	S	NA	O	O	O	O	O	O	O	O	O	O	O	O	O
Exhaust Air Backdraft	O	S	O	O	O	O	O	NA	O	O	O	O	O	O	O	O	S	O	O	O	O
Return/Supply Air Recirculation	O	O	O	O	NA	O	O	NA	O	O	O	O	O	O	CF	O	O	O	O	O	O
FC—DWDI	S	S	O	O	S	S	O	NA	S	S	S	S	S	S	NA	S	S	S	S	S	S
FC/BI—SWSI	NA	NA	NA	NA	NA	NA	NA	S	NA	NA	NA	O	NA	NA	NA	NA	O	O	O	O	O
Spark Proof Exhaust Blowers	CF	CF	CF	CF	CF	CF	CF	N/A	CF	CF	CF	CF	CF	CF	N/A	O	O	O	O	O	CF
BAF / BI—DWDI	O	O	O	O	O	O	O	NA	NA	NA	NA	NA	O	O	NA	O	O	O	O	O	NA
BAF / QAF / BI—Plenum	O	O	S	S	O	S	S	NA	NA	CF	CF	NA	O	O	NA	O	O	O	O	O	NA
RIS Isolators	S	S	S	S	S	S	S	NA	NA	S	S	S	S	S	NA	S	S	S	S	S	S
Spring Isolators	O	O	O	O	O	O	O	NA	NA	O	O	CF	O	O	NA	O	O	O	O	O	CF
Restrained Spring/Seismic Isolators	O	O	O	O	O	O	O	NA	NA	O	O	CF	O	O	NA	O	O	O	O	O	CF

* 2" Double Wall construction is standard for most units with flowrates above 5000 CFM. For units with lower flowrates, 1" or 1½" wall construction is standard.

Features	AHR	AHS	AVR	AVR- XD	DXH	DXH- XD	DXH- AR	HX S 1" Foam	IAQ-D	IAQ-B	PXCH	PXCV	PXHR	PXHS	XC	XHR	XHS	XTR	XLR	XVC	XVS
Pre- Filters	S	S	S	S	S	S	S	S	S	S	S	S	S	S	O	S	S	S	S	S	S
2" MERV 8 (30/30)	O	O	O	O	O	O	O	NA	NA	NA	O	CF	O	O	O	O	O	O	O	O	CF
4" MERV 8 (30/30)	O	O	O	O	O	O	O	NA	NA	NA	O	NA	O	O	O	O	O	O	O	O	NA
4" MERV 11-14	O	O	O	O	O	O	O	NA	NA	CF	O	NA	O	O	O	O	O	O	O	O	NA
12" MERV 11-14	O	O	O	O	O	O	O	NA	NA	NA	NA	NA	CF	CF	CF	O	O	O	O	O	NA
Bag MERV 11-14	O	O	O	O	O	O	O	NA	NA	NA	NA	NA	CF	CF	CF	O	O	O	O	O	NA
Carbon	O	O	O	O	O	O	O	NA	NA	NA	O	NA	CF	CF	O	O	O	O	O	O	NA
HEPA	O	O	O	O	O	O	O	NA	NA	NA	NA	NA	CF	CF	CF	O	O	O	O	O	NA
Hot Water (HW)	O	O	O	O	O	O	O	NA	NA	O	O	O	O	O	NA	O	O	O	O	O	O
Steam (HS)	O	O	O	O	O	O	O	NA	NA	O	O	O	O	O	NA	O	O	O	O	O	O
Direct Fired Gas (HD)	O	O	O	O	O	O	O	NA	NA	NA	NA	NA	O	O	NA	O	O	O	O	O	NA
In-Direct Fired Gas (HI)	O	O	O	O	O	O	O	NA	NA	CF	O	NA	O	O	NA	O	O	O	O	O	NA
Electric (HE)	O	O	O	O	O	O	O	NA	NA	O	O	O	O	O	NA	O	O	O	O	O	O
Heat Pump (HP)	O	O	O	O	O	O	O	NA	NA	CF	O	NA	O	O	NA	O	O	O	O	O	NA
Chilled Water (CW)	O	O	O	O	S	S	S	NA	NA	CF	O	CF	O	O	NA	O	O	O	O	O	CF
Direct Expansion (CD)	O	O	O	O	O	O	O	NA	NA	CF	O	CF	O	O	NA	O	O	O	O	O	CF
Air Cooled Condensing Unit (AC)	O	O	O	O	O	O	O	NA	NA	CF	O	NA	O	O	NA	O	O	O	O	O	NA
Hot Gas Reheat (RH)	O	O	O	O	O	O	O	NA	NA	CF	O	NA	O	O	NA	O	O	O	O	O	NA
G90 Galvanized	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
High Performance Acrylic Painted	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Industrial Enamel Painted	O	O	O	O	O	O	O	CF	O	O	O	O	O	O	O	O	O	O	O	O	O
Aluminum	O	O	O	O	O	O	O	CF	O	O	O	O	O	O	O	O	O	O	O	O	O
Supply Unit without Controls	O	O	O	O	O	O	O	NA	O	O	O	O	O	O	O	O	O	O	O	O	O
Install Controls by Others	O	O	O	O	O	O	O	NA	O	O	O	O	O	O	O	O	O	O	O	O	O
Full Controls by Xetex-BACnet	O	O	O	O	O	O	O	NA	O	O	O	O	O	O	O	O	O	O	O	O	O

S - Standard O - Optional CF - Consult Factory NA - Not Available

Drain-Pans	G90 Galvanized—Standard. Options include Heresite Coated, Multi Purpose Epoxy Painted, and Stainless Steel.
Interior	G90 Galvanized—Standard. Options include Heresite Coated, Epoxy or Acrylic Painted, and Aluminum. Consult Factory on Stainless Steel.

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PXHR	Custom packaged roof mounted or indoor mounted air-to-air heat recovery and dehumidification system using epoxy-coated aluminum flat plate exchanger.	Ideal for indoor-mounted dehumidification applications such as commercial pools, hotels, and schools.	1,000 to 60,000
PXHS		Ideal for roof-mounted dehumidification applications such as commercial pools, hotels, and schools.	1,000 to 60,000
XC	Indoor or outdoor mounted, simple, encased aluminum flat plate exchanger with options for filters, frost control.	Ideal for inline installation in other built-up or modular systems in commercial or industrial applications.	500 to 100,000
XHR	Custom packaged roof mounted or indoor mounted air-to-air heat recovery ventilator with an aluminum flat plate exchanger with full options. Efficiencies of 65 to 75%.	Ideal for wide range of commercial indoor applications where all servicing and maintenance is done on one side of the unit. Suitable for large office buildings, factories, water treatment plants, hotels, etc.	1,000 to 60,000
XHS		Ideal for wide range of commercial roof-mounted applications where all servicing and maintenance is done on the roof. Suitable for large office buildings, factories, water treatment plants, hotels, etc.	1,000 to 60,000
XLR	High capacity packaged roof mount/indoor mount aluminum flat plate air-to-air heat recovery ventilator with 70 to 75% efficiency.	Ideal for roof mounted applications with gas fired heating. Single exchanger. Suitable for large office buildings, factories, water treatment plants, hotels, etc.	3,500 to 22,000
XTR		Ideal for roof mounted applications with gas fired heating. Double exchanger. Suitable for large office buildings, factories, water treatment plants, hotels, etc.	16,800 to 55,000
XVC	Custom packaged roof mounted or indoor mounted air-to-air heat recovery ventilator with an aluminum flat plate exchanger for efficiencies of 67 to 75%.	Ideal for roof mounted applications with gas fired heating. Drain pan is mounted below the roof to prevent freezing. Suitable for large office buildings, factories, water treatment plants, hotels, etc.	1,500 to 60,000
XVS	Packaged indoor mount air-to-air heat recovery ventilator in compact design with double pass aluminum flat plate exchanger, 70 to 83% high efficiency.	Ideal for indoor applications with floor or suspended installation (mechanical room, mezzanine) for easy servicing and access. Suitable for offices, hotels, schools, pool areas, etc.	550 to 6,000