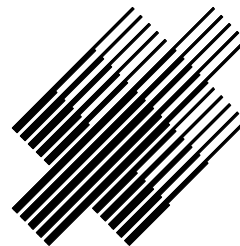
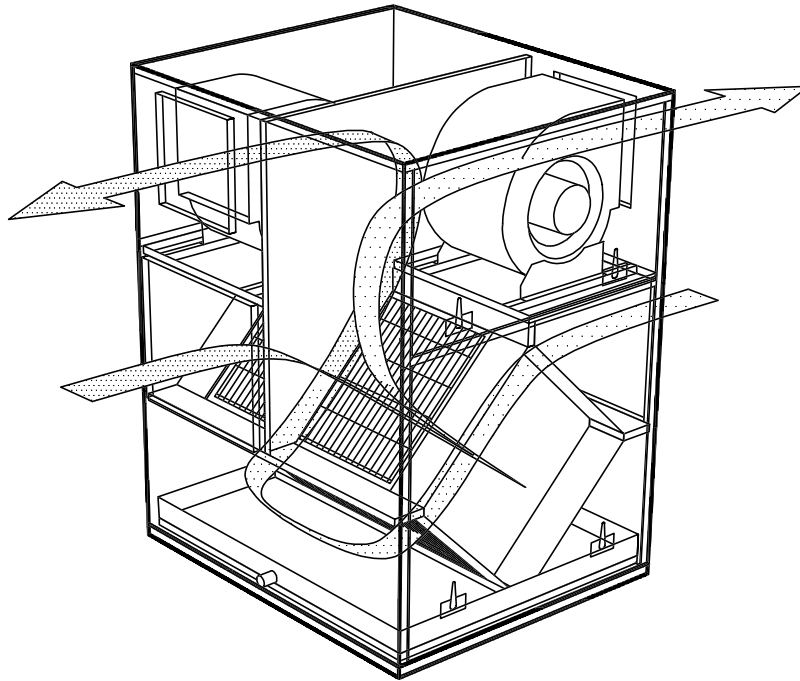


Heat--Changer *by Xetex*

Energy Recovery Units

Model XVS Model HX



Xetex Inc.

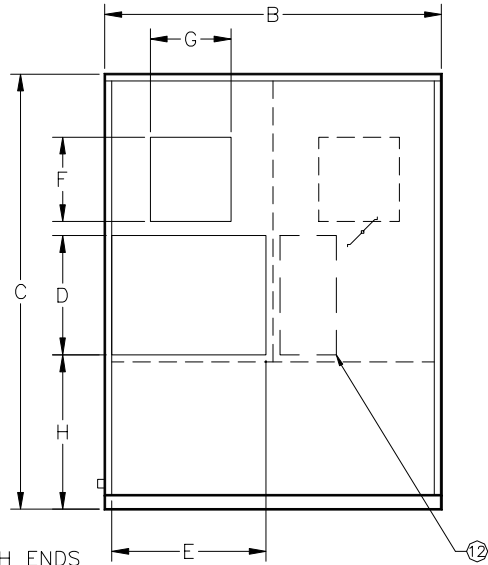
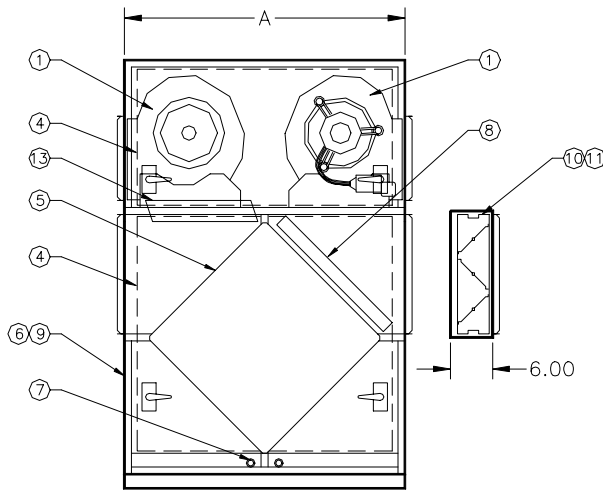
3530 East 28th Street
Minneapolis, MN 55406
(612) 724-3101
(612) 721-6303 Fax

MODEL: XVS-

- ① FC DWDI DIRECT DRIVE BLOWER (XVS20/24)
- 2 FC DWDI BLOWER (XVS30/40)
- 3 NEMA ODP MOTOR, 1800 RPM, _____V/60/3Ø (XVS30/40)
- ④ ACCESS DOOR WITH CAM-LOK LATCHES
- ⑤ ALUMINUM FLAT PLATE 2-PASS HEAT EXCHANGER
- ⑥ HEAVY GAUGE GALVANIZED STEEL CASE
- ⑦ FPT DRAIN
- ⑧ 2" 30/30 TYPE PLEATED FILTER

OPTIONS

- ⑨ ALL ALUMINUM CASE (PXCv)
- ⑩ OUTSIDE AIR DAMPER
- ⑪ FACE & BYPASS DAMPER
- ⑫ BYPASS INLET OPENING
- ⑬ RECIRCULATED EXHAUST AIR DAMPER
- 14 HEATING COIL (HOT WATER OR ELEC)
CONSULT FACTORY FOR DETAILS

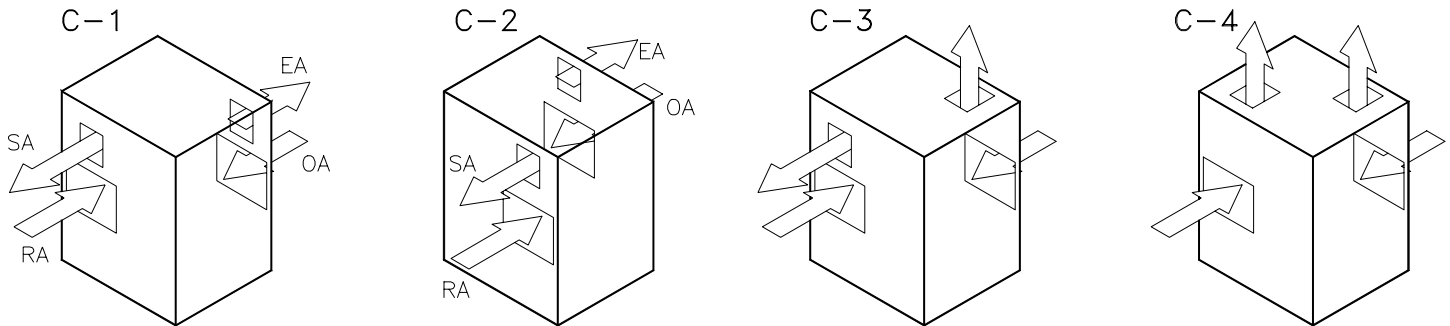


MODEL #	DIMENSIONS								EST. WEIGHT	BLOWER SIZE	MOTOR HP(ea.) *	NOMINAL CFM	NOMINAL EFFICIENCY
	A	B	C	D	E	F	G	H					
XVS20-18XD	36.00	38.00	52.00	14.00	17.00	10.50	9.25	18.00	600	9" DD	1/2HP	1000	80%
XVS24-18XD	48.00	50.00	66.00	20.00	23.00	12.00	11.00	23.00	700	10" DD	3/4HP	1400	80%
XVS24-24XD	48.00	50.00	66.00	20.00	23.00	13.50	12.50	23.00	800	12" DD	1 HP	1800	80%
XVS30-24XD	60.00	50.00	80.00	24.00	22.00	13.50	11.00	27.00	1400	12" FC	2 HP	2400	75%
XVS30-36XD	60.00	74.00	80.00	24.00	35.00	13.50	16.00	27.00	1800	12" FC	3 HP	3500	75%
XVS40-36XD	72.00	74.00	104.0	32.00	35.00	16.00	15.00	36.00	2200	15" FC	5 HP	4600	80%
XVS40-48XD	72.00	98.00	104.0	32.00	47.00	16.00	19.00	36.00	3200	15" FC	7.5 HP	6200	80%
XVS40-60XD	72.00	122.0	104.0	32.00	58.00	19.00	22.00	36.00	4000	18" FC	10 HP	7800	80%

* BLOWER SIZE AND HP IS BASED ON NOMINAL CFM AND MAY NOT BE SUFFICIENT FOR MAX CFM RATINGS OR HIGH E.S.P.

DIRECT DRIVE (DD) BLOWERS ARE 115-220V/1ph
3ph IS STANDARD ON BELT DRIVE (FC) OVER 1 HP.

SPECIFICATIONS AND DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

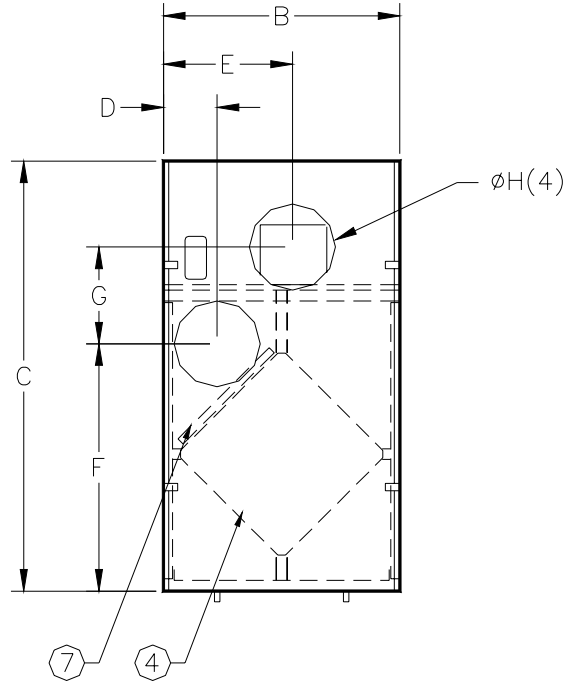
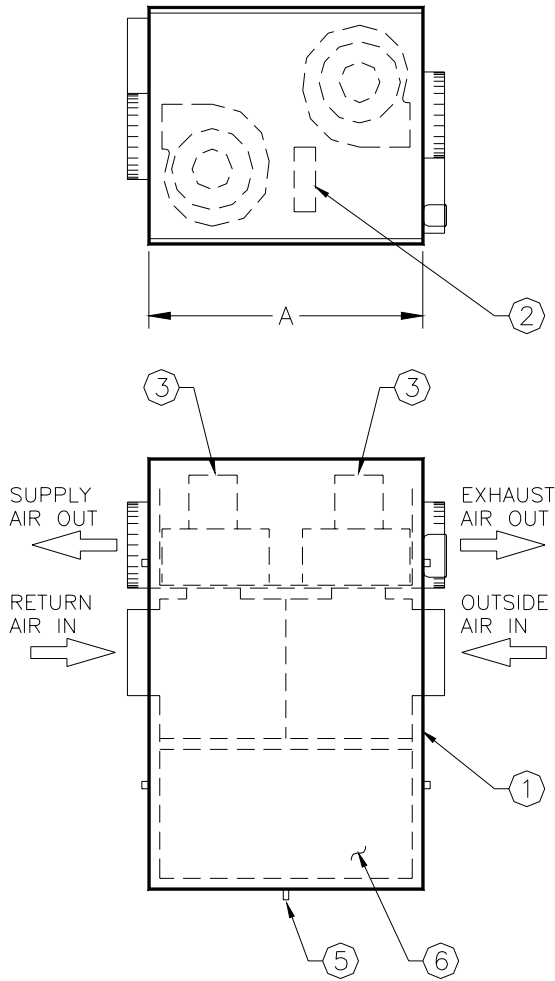


AIR FLOW CONFIGURATIONS



MODEL: HX-

- ① GALVANIZED STEEL CASE
- ② AUTOMATIC DEFROST CONTROLLER
- ③ FC SWSI DIRECT DRIVE BLOWER
- ④ ALUMINUM FLAT PLATE 2-PASS HEAT EXCHANGER
- ⑤ FPT DRAINS
- ⑥ ACCESS PANEL (TYP OF BOTH SIDES)
- ⑦ 1" INTAKE FILTER



MODEL #	DIMENSIONS								EST. WEIGHT	MOTOR AMPS EA	MAX CFM	NOMINAL EFF.
	A	B	C	D	E	F	G	H				
HX-150	14.00	22.00	26.00	4.00	12.50	15.00	6.00	6.00	70	.90	140	80%
HX-200	20.00	22.00	28.00	4.00	12.50	17.00	6.00	6.00	90	1.71	220	80%
HX-250	20.00	22.00	33.00	5.00	12.50	21.00	7.00	8.00	120	1.30	250	83%
HX-350	26.00	22.00	38.00	5.00	12.00	24.00	8.00	8.00	170	2.10	400	83%
HX-500	38.00	24.00	44.00	6.00	10.50	22.50	10.50	10.00	240	4.10	550	83%
HX-750	38.00	24.00	44.00	6.00	10.50	22.50	10.50	10.00	250	6.30	800	80%

* VOLTAGE 115/60/1ph, 230V/1ph AVAILABLE ON SOME MODELS, CONSULT FACTORY

SPECIFICATIONS AND DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.



Heat-X-Changer by XeteX

Model XVS/HX Unit Specification

Contractor shall provide a Heat-X-Changer Model XVS/HX packaged indoor mounted air-to-air heat recovery ventilator as manufactured by XeteX Inc. Unit to include double pass aluminum flat plate exchanger, supply air and exhaust air blowers, motors with starters and relays, outside air filters, adjustable defrost control, and specified options.

Unit housing shall be of formed heavy gauge galvanized steel (XVS:18 gauge min./HX:22 gauge min.). Panels shall be insulated with 1" thick 3# density hardboard fiberglass insulation with reinforced aluminum lining secured with metal clips and sealed with aluminum tape and silicone sealant to provide a complete vapor barrier and non-contaminating surface to all air streams. Framing and panels of dissimilar metals that could create a galvanic effect are not allowed. Unit shall have a full length and width drain pan minimum 3" deep with FPT drains on supply and exhaust air plenums minimum. Larger units shall have structural welded frame with minimum 16 ga. galvanized steel supports and floor.

Provide access to all exchanger surfaces, blowers, motors, filters, through double wall gasketed access doors held closed by adjustable cam-lock latches. Continuous hollow rubber gasket shall be applied to all access openings to provide water and air-tight seals.

Furnish a "Heat-X-Changer" stationary flat plate air-to-air heat exchanger as manufactured by XeteX, Inc. Exchanger shall be constructed of rigid, seamless, leakproof air channels that eliminate cross-contamination between airflows. Exposed folded/crimped edges are not acceptable. Assembled exchanger shall be virtually "crush proof" and be capable of being installed vertically or horizontally without crushing or settling of the individual plates. Exhaust air channel shall be totally open with absolutely no obstructions allowed that will accumulate dust, dirt or debris. Thermally bonded aluminum plates must be capable of withstanding pressure differentials up to 20" w.g. without deforming air passages. Exchanger shall be reinforced by rigid aluminum extrusions to protect the face of the exchanger from damage during installation, cleaning or maintenance. The entire cell heat transfer surface shall be capable of visible inspection and cleaning with low pressure steam or hot water.

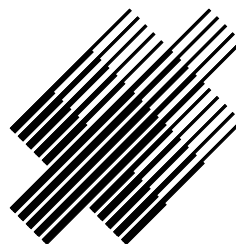
Blowers shall be forward curved (XVS:DWDI/HX:SWSI) class I for quiet efficient operation arranged in a draw through configuration relative to exchanger. Motors and blowers shall have (XVS:adjustable V-belt drives/HX:direct drive). Direct drive motors shall be efficient multi-speed PSC type with internal thermal overload protection. Belt drive motors to be efficient ODP T-frame, 1750 rpm nominal with minimum service factor of 1.15 mounted on adjustable base. Motor and blower to be mounted on common frame and isolated from unit case with RIS isolators and flexible duct connections. Belt drive fans shall have a hollow rubber gasket around the fan discharge shall provide an air tight seal while allowing for easy removal and replacement of the fan without screws or permanent fasteners. The discharge gasket shall isolate the fan from the unit casing and eliminate the requirement for an expansion duct fitting.

Electrical controls include motor starters with overloads(belt drive units), fuses, control transformer for low voltage controls, service switch and terminal points.

Outdoor air and/or return air filters shall be (XVS:2" pleated 30/30 type/HX: 1/2" Foam, washable). Filters shall be mounted within unit in galvanized holding frames upstream of exchanger and accessible through access panels.

Model XVS dampers shall have 16 gauge galvanized hat channel frames and blades with 1/2" cadmium plated shafts and bronze bearings. Model HX dampers shall be standard round dampers. Low leakage dampers have vinyl blade seals and stainless steel jamb seals. Outside air damper to be parallel blade type with 2-position overload proof direct coupled actuator. Exhaust air backdraft damper to be parallel blade with extruded aluminum blades and frame, low leakage type with silicone seals.

Represented By:



XeteX Inc.

3530 East 28th Street
Minneapolis, MN 55406
(612) 724-3101
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