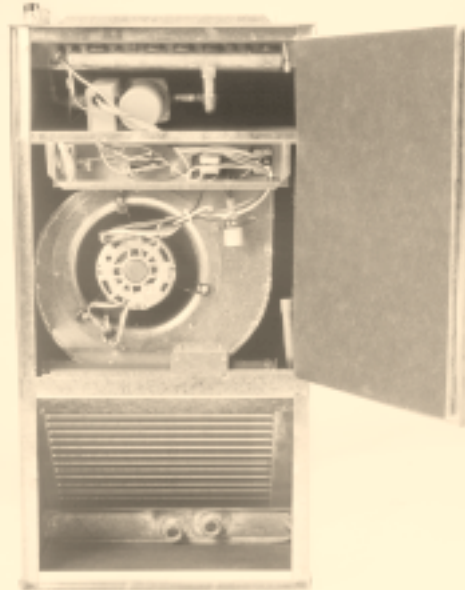


VERTICAL RECESSED FAN COIL UNITS

DX COOLING WITH HYDRONIC HEAT

Pictured with optional pump assembly installed.



GENERAL CONSTRUCTION. All metal parts are fabricated from heavy galvanized steel for long life and durability. All interior surfaces are fully insulated with material to comply with NFPA 90A and 90B.

FRONT COVER (Optional). Return air filter grill/wall panel, louvered only at the bottom, provides quick, easy access. Built-in filter track accepts standard throwaway filter. The cover overlaps the edges of the wall opening to act as a trim panel, so that no finishing of the wall opening is required.

DRAIN PAN. All corners and fitting connections, primary and secondary, are brazed.

CONTROLS. All electrical components, 24 volt 40 VA transformer and relays, are installed and wired at the factory.

COIL CONSTRUCTION. Copper tubes mechanically bonded to aluminum plate fins.

FANS. Double inlet, forward curved, steel wheels are mounted directly on the motor shaft. Balanced for quiet, vibration free operation.

MOTOR. Thermal overload protector is built-in. Large oil reservoirs assure long bearing life and minimum maintenance. Runs quietly in resilient rubber mounts. High efficiency models for reduced operating costs.

DRAIN ACCESS. Removable bottom panel allows easy and simple drain access. No field installed access panels or door are required.

FACTORY TESTING. Each unit is given both a dielectric test and a run test before shipment.

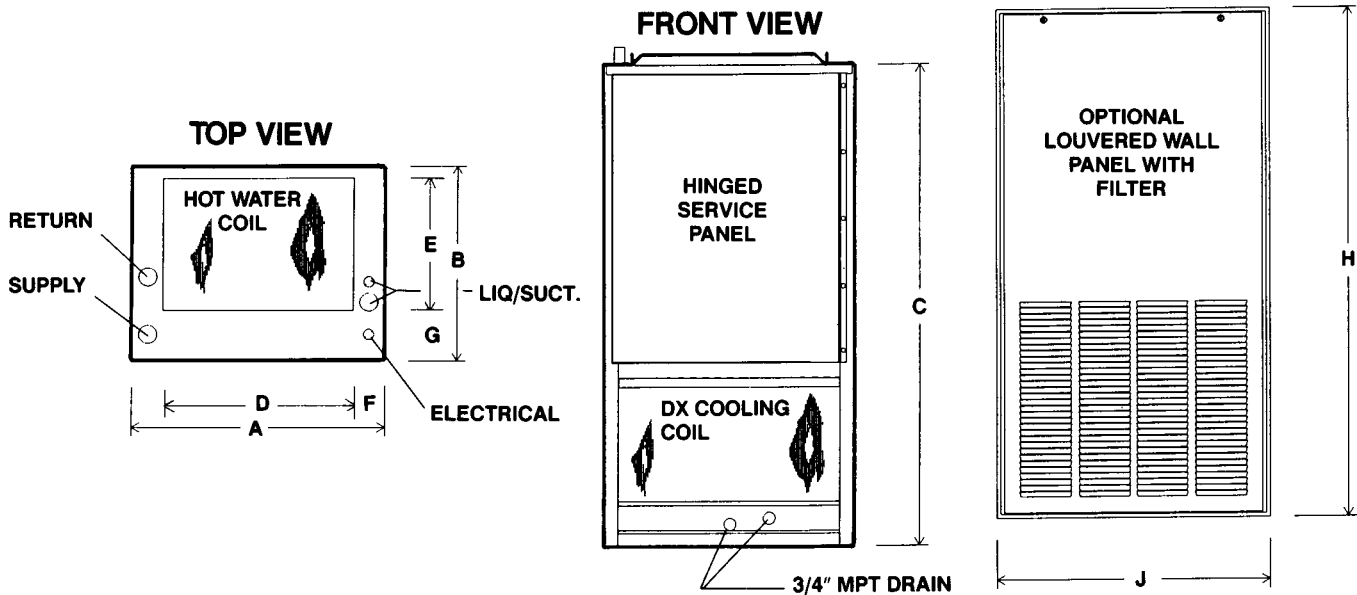
ETL LISTING. Units meet or exceed nationally recognized standards for safety and dependability.

PUMP PACKAGE. Pump (115/1) package available as an accessory item for external field mounting or internal factory mounting as pictured above. See List Prices for all unit options.



MAGIC AIRE KVX/KVP-HW SERIES FAN COILS ARE ETL LISTED IN ACCORDANCE WITH UL 1995 AND ARE ASSEMBLED TO ORDER FOR COMPETITIVE DELIVERY.

PHYSICAL DIMENSIONS											COIL CONN.	
MODEL	A	B	C	D	E	F	G	H	J	FILTER SIZE	LIQ.	SUCT.
018/24/30 KVX	20-3/4	16-3/8	39-5/8	15-1/2	11	2-1/2	4-3/8	40-7/8	21-1/4	20 x 14 x 1	3/8	5/8
036 KVX	24-1/2	16-3/8	39-5/8	19-1/2	11	2-1/2	4-3/8	40-7/8	25-1/4	24 x 20 x 1	3/8	3/4



BLOWER DATA	UNIT MODEL	MOTOR (115/1 - 2 SPD)		CFM VS. STATIC PRESSURE						
		FAN	SPEED	0.05	0.10	0.15	0.20	0.25	0.30	0.4
	018-KVX	HIGH	(COOL)	807	792	759	751	747	742	738
	LOW	(HEAT)	771	763	751	742	730	712	703	690
024-KVX	HIGH	(COOL)	853	833	811	807	803	799	792	784
	LOW	(HEAT)	839	820	798	794	790	786	779	771
030-KVX	HIGH	(COOL)	1043	1024	994	965	939	907	879	829
	LOW	(HEAT)	903	878	857	835	807	788	763	712
036-KVX	HIGH	(COOL)	1260	1229	1191	1152	1129	1100	1064	1001
	LOW	(HEAT)	1076	1033	988	954	906	884	838	757

PERFORMANCE DATA	MODEL	NOM. CFM	COOL BTUH 80/67 R-22 45SST	2 ROW HOT WATER COILS				
				GPM	P.D. FT.	BTU/HR. AT ENT. WATER TEMP. (60°F EAT)		
						120°F	140°F	180°F
018KVX-2HW	600	18000	2	3.9	15400	20700	31400	
				8.5	16600	22300	33800	
024KVX-2HW	800	24000	2	3.9	17200	23100	35100	
				8.5	18800	25200	38200	
030KVX-2HW	1000	30000	2	3.9	18500	25000	38000	
				8.5	20400	27500	41700	
036KVX-2HW	1200	36000	2	5.9	25100	33700	51100	
				12.7	28300	37900	57400	