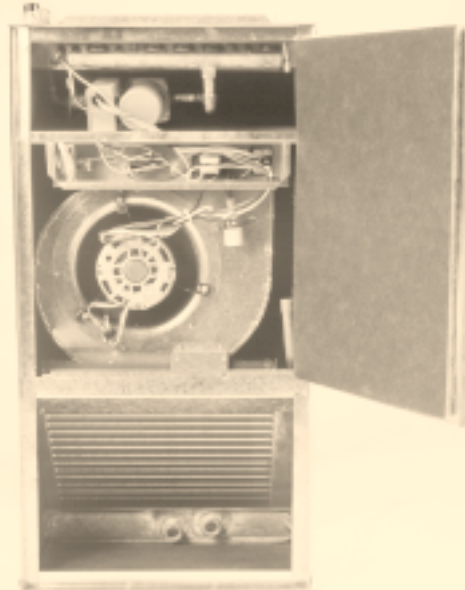


### VERTICAL RECESSED FAN COIL UNITS

#### 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.

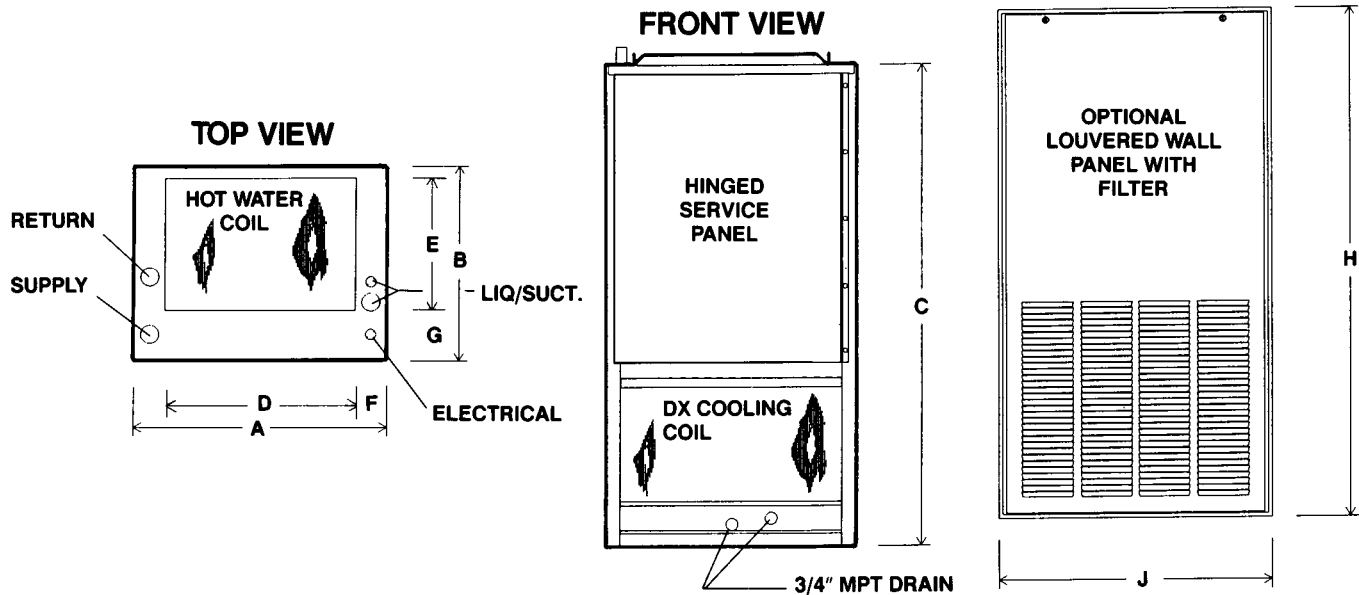
**ETL LISTING.** Units meet or exceed nationally recognized standards for safety and dependability.

**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	