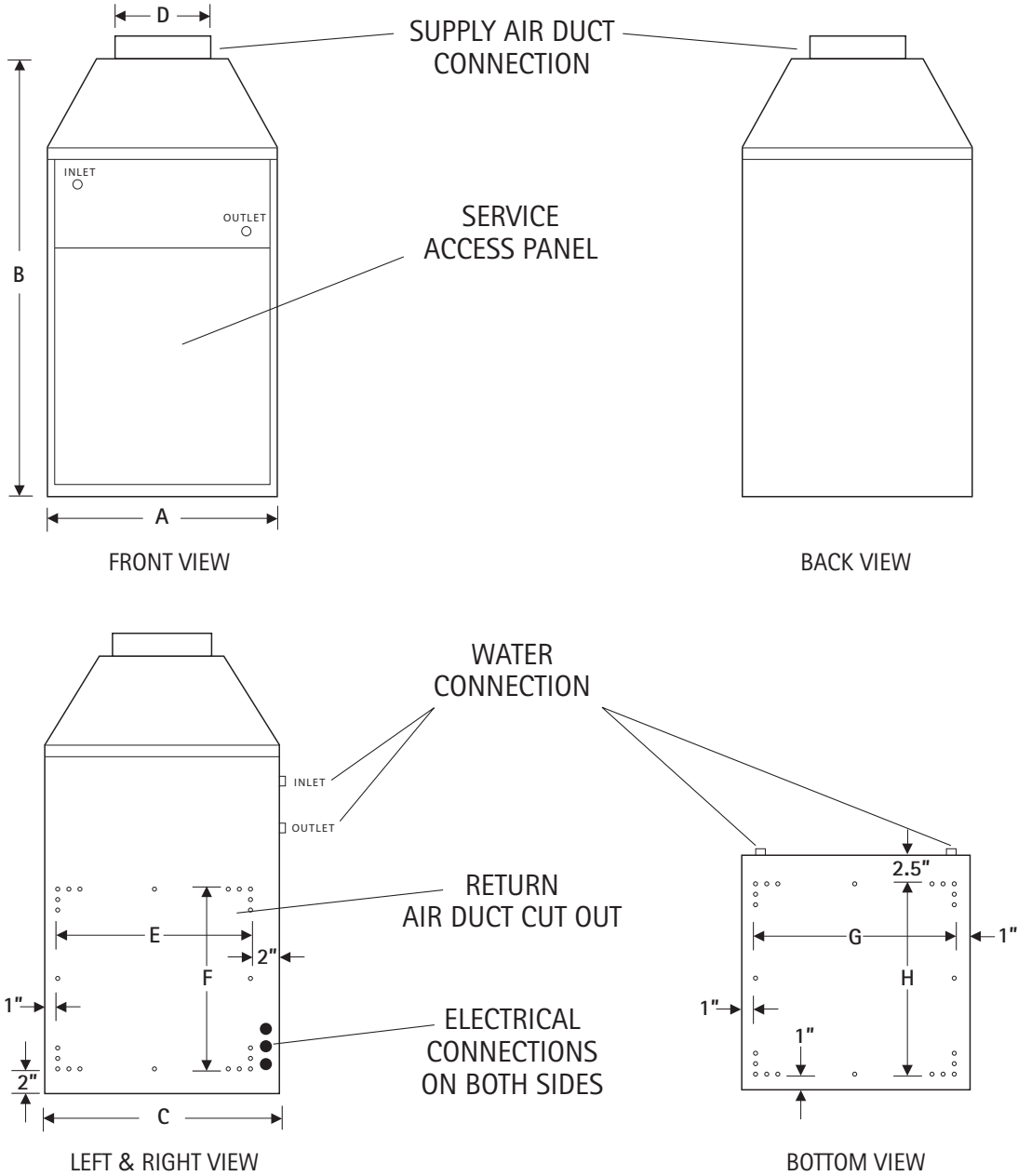




DESIGNED TO PERFORM

**HVR30/50**

**THE HVR30/50 WATER SOURCE AIR HANDLER**  
 UPFLOW - DOWNFLOW - HORIZONTAL INSTALLATION - HEAT ONLY



A	B	C	D	E	F	G	H
14"	29.5"	18.5"	8"	15.5"	14.5"	12"	15"



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**UNIT TECHNICAL INFORMATION**

POWER REQUIREMENTS	120 VAC, 1PH
MAXIMUM FUSE	15 AMPS
TOTAL AMPS	7.6
TRANSFORMER	20 VA
BLOWER MOTOR	1/2 HP ECM
RETURN OPENING - SIDE	15.5" w x 14.5" h
RETURN OPENING - BOTTOM	12" w x 15" d

**HEATING CAPACITY**

AIR FLOW CFM	WATER FLOW GPM	RETURN AIR Deg F	SUPPLY WATER Deg F	OUTPUT BTU	SUPPLY AIR Deg F	LEAVING WATER Deg F
400	5	70	120	17800	113	112
			130	21400	122	121
			140	25000	131	129
			150	28600	140	138
			160	32200	148	146
			170	35800	157	155
			180	39400	166	163
600	5	70	120	24700	110	110
			130	30300	118	118
			140	35250	126	125
			150	39100	134	133
			160	44800	142	141
			170	50000	150	149
			180	55700	158	175



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**BLOWER CAPACITY**

MOTOR TORQUE % MAX	EXTERNAL STATIC PRESSURE (" H2O)	AIRFLOW CFM
80%	1.2"	600
70%	1.2"	550
50%	1.2"	400
45%	1.2"	360

**COIL FLOW RATE HEAD LOSS-BASED ON 140°F**

WATER FLOW RATE gpm	HVR COIL PRESSURE DROP ft-H2O
1	0.48
2	1.74
3	3.71
4	6.35
5	9.66
6	13.62