

AIRMAX TECHNOLOGIES

MAXAIR HIGH VELOCITY SERIES SCHEDULES

MAXAIR Specifications	MAXAIR 30"e"	MAXAIR 50"e"	MAXAIR 70"e"	MAXAIR 100"e"
BTUH Heating @ 180° F EWT	39,382	55,649	77,981	98,593
BTUH Heating @ 170° F EWT	35,769	49,971	69,804	89,630
BTUH Heating @ 160° F EWT	32,159	44,700	58,902	80,666
BTUH Heating @ 150° F EWT	28,553	39,086	50,519	71,704
BTUH Heating @ 140° F EWT	24,951	35,195	4,6278	62,741
BTUH Heating @ 130° F EWT	21,356	30,250	41,000	53,500
DX Cooling (Tons) ⁽¹⁾	1.0	1½ - 2.0	2 - 2½	2½ - 3
Power	120/1/60	120/1/60	120/1/60	120/1/60
C.F.M. @ 1.5" E.S.P.	350	580	750	952
HP - RPM (fan)	⅓ - 1750	½ - 1750	¾ - 1750	1 - 1950
Motor Amps@ 120/1/60 (FLA)	4.6	7.7	9.9	11.6
G.P.M. Flow Rating	5	5	7	8
Copper Connection Size	½"	½"	½"	¾"
Supply Air Connection - top	8" ⁽²⁾	8" ⁽²⁾	8"	10"
Minimum Outlets	7 ⁽³⁾	13 ⁽³⁾	16 ⁽³⁾	19 ⁽³⁾
Maximum Outlets	11	17	20	25
Return Air Size Required	12"x14" min	12"x14" min	16"x15" min	16"x16" min
Physical Dimensions (L/W/H)	30"x14"x18½"	30"x14"x18½"	36"x19½"x18"	30"x25½"x18"

(1) smaller condensers may be matched to fan coil when required (match txv to condensor size)

(2) dual outlet option available

(3) the medium number of outlets should be used to achieve maximum DX cooling capacity for each model size

e.g. If 2.5 tons cooling is required on MAXAIR 70 system, you must use minimum 20 outlets

MAXAIR SPECIFICATIONS AND DESIGNATIONS

Designation	Model Number	Capacity	CFM @ 1.5" E.S.P.
AH - 1	MAX-30-"e"	21,356 mbh @ 130°F EWT	350
AH - 2	MAX-50-"e"	30,250 mbh @ 130°F EWT	580
AH - 3	MAX-70-"e"	41,000 mbh @ 130°F EWT	750
AH - 4	MAX-100-"e"	53,500 mbh @ 130°F EWT	950

MAXAIR HIGH VELOCITY ECM AND FAN RPM SPECIFICATIONS

HP - RPM	Voltage	Remarks
1/3 - 1750	120/1/60	AIRMAX Technologies, 905-264-1414, MAXAIR “e” series, c/w ECM motor, heating coil, filter, zone prioritization control, dampers and recirculating pump.
1/2 - 1750	120/1/60	AIRMAX Technologies, 905-264-1414, MAXAIR “e” series, c/w ECM motor, heating coil, filter, zone prioritization control, dampers and recirculating pump.
3/4 - 1750	120/1/60	AIRMAX Technologies, 905-264-1414, MAXAIR “e” series, c/w ECM motor, heating coil, filter, zone prioritization control, dampers and recirculating pump.
1.0 - 1950	120/1/60	AIRMAX Technologies, 905-264-1414, MAXAIR “e” series, c/w ECM motor, heating coil, filter, zone prioritization control, dampers and recirculating pump.

MAXAIR AC SPECIFICATIONS AND DESIGNATIONS

Designation	Model Number	Capacity	Refrigerant
AC-1.0	MA-24-50-R410-A	12,000 BTU's	R-410a
AC-1.5	MA-24-50-R410-A	18,000 BTU's	R-410a
AC-2.0	MA-24-50-R410-A	24,000 BTU's	R-410a
AC-2.5	MA-30-70-R410-A	30,000 BTU's	R-410a
AC-3.0	MA-36-100-R410-A	36,000 BTU	R-410a

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