

**STANDARD FEATURES**

- ◆ ½ hp three speed motor(s)
- ◆ Galvanized steel blower wheels & housings
- ◆ Aluminum airfoil directional vanes
- ◆ Filter frame (filters sold separately)
- ◆ Factory installed fan speed & heat selector switch
- ◆ Clear anodized aluminum cover housing
- ◆ Wall mounting plate & 5/16" threaded inserts
- ◆ UL Listed (United States, Canada)
- ◆ Two year parts warranty
- ◆ Crafted with Pride in the USA

**HEATER FEATURES**

- ◆ Helical coil with point suspension of elements for longer life
- ◆ Single or three phase (not all models)
- ◆ Easily replaceable heater elements
- ◆ Galvanized steel frame
- ◆ Thermal protection against overheating

**OPTIONAL FEATURES**

- ◆ Bronze anodized aluminum finish
- ◆ Stainless steel finish
- ◆ Reduced kW available (consult factory)

MODEL	Nozzle Width (in)	Max. Velocity (fpm)	Avg. Outlet Velocity (fpm)	Air Volume (scfm)	Motor(s) @ hp	Power Rating (kW)	Outlet Velocity Uniformity (%)	Electric Capacity (kW)	Temp Rise (°F)	Net Wgt (lbs)	Ship Wgt (lbs)
MK21036E	36.75	3000	2121	1346	1 @ ½	.52	91	9.5	22	80	110
MK21042E	42.75	3000	1830	1390	1 @ ½	.52	86	9.5	22	84	125
MK21048E	48.75	3000	1663	1417	1 @ ½	.52	71	9.5	21	86	132
MK22048E	48.75	3000	2241	1896	2 @ ½	.71	92	12.5	22	110	140
MK22060E	60.75	3000	2393	2540	2 @ ½	1.01	92	16.0	22	145	179
MK22072E	74.50	3000	2121	2692	2 @ ½	1.04	91	19.0	22	160	219
MK22084E	86.50	3000	1830	2780	2 @ ½	1.04	86	19.0	22	175	254
MK22096E	98.50	3000	1663	2834	2 @ ½	1.04	71	19.0	21	190	269
MK23096E	98.50	3000	2241	3792	3 @ ½	1.56	92	25.0	22	205	284
MK23108E	112.25	3000	2121	4038	3 @ ½	1.56	91	28.5	21	215	305
MK23120E	118.25	3000	1957	4082	3 @ ½	1.56	86	28.5	22	225	324

Performance data shown is for high speed.  
Consult factory for low and medium speed performance data.

ELECTRIC HEATER DATA*												
MODEL	kW	208V 1Ø		240V 1Ø		208V 3Ø Amp Draw			240V 3Ø Amp Draw		480V 3Ø**	600V 3Ø**
		Circuit 1	Circuit 2	Circuit 1	Circuit 2	Circuit 1	Circuit 2	Circuit 3	Circuit 1	Circuit 2	Amp Draw Circuit 1	Amp Draw Circuit 1
MK21036E	9.5	45.7	-	39.6	-	26.4	-	-	22.9	-	11.4	9.5
MK21042E	9.5	45.7	-	39.6	-	26.4	-	-	22.9	-	11.4	9.5
MK21048E	9.5	45.7	-	39.6	-	26.4	-	-	22.9	-	11.4	9.5
MK22048E	12.5	20.0	40.1	17.4	34.7	34.7	-	-	30.1	-	15.0	12.6
MK22060E	16.0	-	-	-	-	44.4	-	-	38.5	-	19.2	16.1
MK22072E	19.0	-	-	-	-	26.4	26.4	-	22.9	22.9	22.9	19.1
MK22084E	19.0	-	-	-	-	26.4	26.4	-	22.9	22.9	22.9	19.1
MK22096E	19.0	-	-	-	-	26.4	26.4	-	22.9	22.9	22.9	19.1
MK23096E	25.0	-	-	-	-	34.7	34.7	-	30.1	30.1	30.1	25.1
MK23108E	28.5	-	-	-	-	26.4	26.4	26.4	22.9	45.7	34.3	28.6
MK23120E	28.5	-	-	-	-	26.4	26.4	26.4	22.9	45.7	34.3	28.6

\*Reduced kW available. Check wiring diagram supplied with unit for kW and AMP draw if not listed above. For total circuit amp draw, add motor ampdraw to heater amp draw. \*\* Separate 120V, 208V or 240V single phase circuit required to operate motors.

MOTOR VOLTAGES/AMP DRAWS					
VOLTS	120	208	240	110*	220*
PHASE	1	1	1	1	1
HERTZ	60	60	60	50	50
AMPS per MOTOR	7.2	4.0	4.0	6.0	3.0

\*Operation at 50 Hz will generate approximately a 17% reduction in performance.



Sound level measured 10' (3m) from the unit in free field:  
 1 Motor: Low/Medium/High Speed **51/54/56 dBA**  
 2 Motors: Low/Medium/High Speed **54/56/59 dBA**  
 3 Motors: Low/Medium/High Speed **57/60/62 dBA**

*Berner reserves the right to alter specifications without prior notice.*