

TECHNICAL SPECIFICATIONS

MB7EM Series

Modular Indoor Blower Residential System

**18,000 - 60,000 Btuh
(Heat Pump & Air Conditioner)**

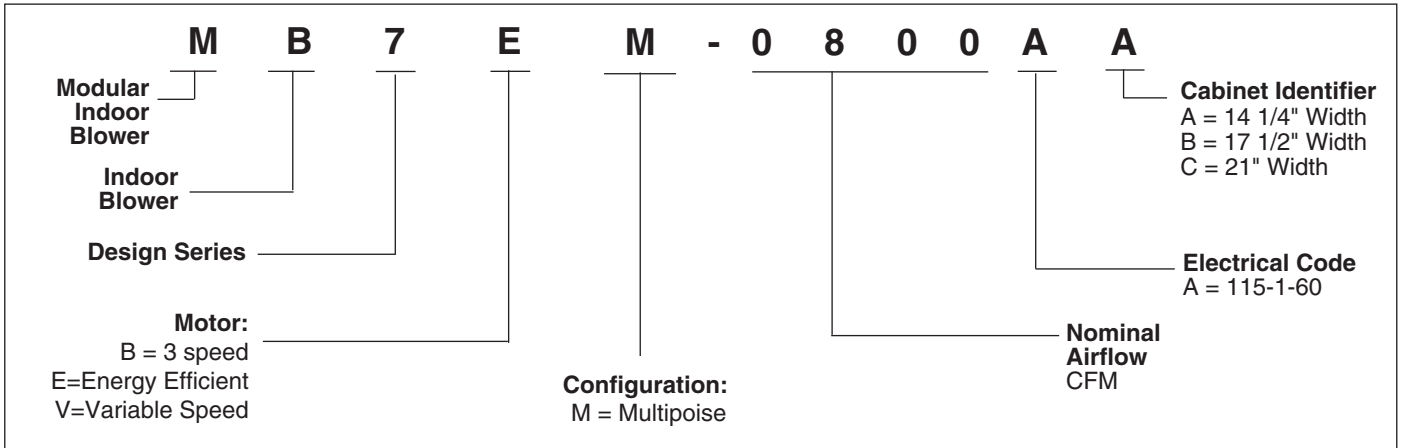
The MB7 Series Modular Indoor Blower offers exceptional flexibility for space restricted applications. Match the MB7 with our C7* cased coils to create upflow, downflow, and horizontal two-piece air handlers.



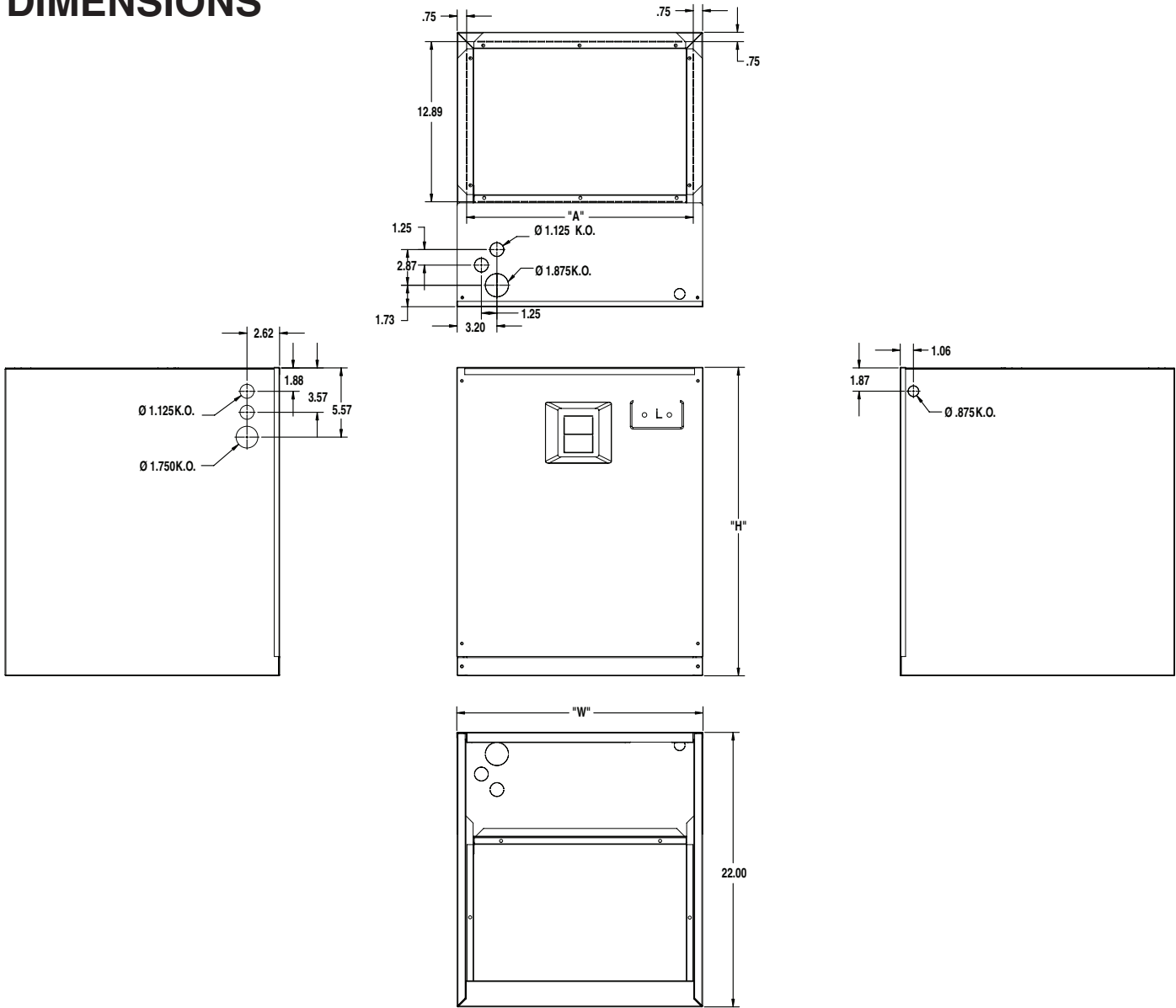
FEATURES and BENEFITS

- **Galvanized Steel Cabinet:** Polyester urethane finish maintains alluring appearance and resists corrosion.
- **Multi-poised:** Can be used in horizontal, upflow, downflow and vertical applications.
- **Ease-of-Service:** Plug-in wire connections and modularity make the air handler easy to service.
- **No Fasteners on Sides:** Smooth surfaces for ease of installation.
- **Cabinet Insulation:** 1/2" insulation contributes to quiet operation and prevents cabinet sweating in difficult applications.
- **Cabinet Air Leakage:** Less than 2% when tested in accordance with the ASHRAE 193 standard.
- **Energy Efficient ECM Motor:** Advanced technology provides 5 field-selectable cooling airflows.
- **Quiet Blower Operation:** Extra quiet and smooth blower on and off cycles.
- **Reduced Air Stratification:** This results in improved air quality by optimizing humidity removal and filtration capabilities.
- **115V Operation:** Allows for conversion from gas furnace without expensive wiring upgrade

MODEL IDENTIFICATION CODE



DIMENSIONS



SPECIFICATIONS

Model Number MB7EM	1200-A	1600-B	2000-C
Nominal cooling capacity - BTUh	24000 to 30000	24000 to 36000	36000 to 60000
Nominal Blower Size (Dia. X Width)	10 x 6	11 x 8	11 x 10
Motor Hp-speeds-type	1/2-5 speed ECM	3/4-5 speed ECM	1-5 speed ECM
Approximate Shipping Weight, lbs	59	62	70
Height, "H", in.	24-3/4	24-3/4	27-1/2
Width, "W", in.	14-1/4	17-1/2	21
Supply Air Outlet Dimension, in.	12-7/8 x 12-3/4	12-7/8 x 12-3/4	12-7/8 x 18-1/4

HEAT AIRFLOW SETTINGS

MODEL NAME	MOTOR SPEED	External Static Pressure (in. w.c.)							
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
		CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM
MB7EM-1200A-A	5 - High	1395	1375	1350	1325	1300	1270	1245	1215
	4 - Alternate	1270	1240	1210	1180	1150	1120	1085	1055
	3 - Medium High**	1175	1145	1115	1080	1050	1015	975	940
	2 - Med-Low	1125	1095	1065	1030	995	955	915	875
	1 - Low	1005	970	930	890	850	810	765	720
MB7EM-1600A-B	5 - High	1830	1795	1760	1720	1680	1635	1595	1545
	4 - Alternate	1665	1615	1565	1515	1470	1425	1385	1345
	3 - Medium High**	1375	1320	1270	1220	1170	1125	1085	1045
	2 - Med-Low	1200	1140	1085	1030	980	935	890	850
	1 - Low	1155	1100	1045	995	940	890	845	795
MB7EM-2000A-C	5 - High	1890	1855	1820	1775	1730	1680	1625	1565
	4 - Alternate	1715	1670	1620	1570	1515	1455	1400	1335
	3 - Medium High**	1425	1375	1315	1250	1180	1100	1010	915
	2 - Med-Low	1310	1235	1160	1085	1005	925	840	755
	1 - Low	1250	1160	1080	995	915	840	765	690



GENERAL TERMS OF LIMITED WARRANTY

Nortek Global HVAC, LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the Nortek Global HVAC, LLC warranty department for a copy.

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations. Printed in U.S.A (08/2024)