












Nortron by Broan Electric Furnaces

B SERIES ELECTRIC FURNACES											
MODEL	21B10M	21B15M	21B18M	21B20M	21B25M	21B27MS	83B13	83B24	83B27	21D10	21D15
BRAND	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan
MOTOR TYPE	PSC	PSC	PSC	PSC	PSC	PSC	PSC	PSC	PSC	PSC	PSC
PHASES	Single	Single	Single	Single	Single	Single	Three	Three	Three	Single	Single
KILOWATTS	10	15	18	20	25	27	13.5	24	27	10	15
VOLTS	240	240	240	240	240	240	208	208	208	240	240
AMPS	46	67	77	86	107	116	42	70	78	46	67
MOTOR HP	1/3	1/3	1/3	1/3	1/3	3/4	1/3	1/3	1/3	1/3	1/3
CFM (HEATING MODE @0.20" w.g.)	756	1,035	1,035	1,035	1,035	1,216	1,200	1,200	1,315	756	1,035
BTU PER HOUR	34,152	51,228	61,473	68,304	85,379	92,210	46,105	81,964	92,210	34,152	51,228
TEMPERATURE RISE	23° C / 41° F	24° C / 43° F	27° C / 49° F	33° C / 59° F	33° C / 67° F	36° C / 65° F	20° C / 36° F	35° C / 63° F	36° C / 65° F	23° C / 41° F	24° C / 43° F
BLOWER SIZE	10" X 8"	10" X 8"	10" X 8"	10" X 8"	10" X 8"	12" X 8"	10" X 8"	10" X 8"	10" X 8"	10" X 8"	10" X 8"
HEATING ELEMENT SEQUENCING	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	PCB Controller
MAX. COOLING CAPACITY	3 Tons	3 Tons	3 Tons	3 Tons	3 Tons	4 Tons	3 Tons	3 Tons	3 Tons	3 Tons	3 Tons
CABINET DIMENSIONS	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D
FILTER SIZE	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"
cUL / CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA
WARRANTY	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
DISTRIBUTION	RETAIL	X	X	X	X	X	X	X	X	X	X
	HVAC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRODUCT											

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	D SERIES ELECTRIC FURNACES					ECM SERIES ELECTRIC FURNACES				
MODEL	21D18	21D20	21D23	21D25	21D27	21ECM10	21ECM15	21ECM18	21ECM20	21ECM23
BRAND	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan	Norton by Broan
MOTOR TYPE	PSC	PSC	PSC	PSC	PSC	ECM	ECM	ECM	ECM	ECM
PHASES	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single
KILOWATTS	18	20	22.5	25	27	10	15	18	20	22.5
VOLTS	240	240	240	240	240	240	240	240	240	240
AMPS	77	86	94	107	116	43	64	76	84	94
MOTOR HP	1/3	1/3	1/3	1/3	3/4	1/3	1/3	1/3	1/3	1/3
CFM (HEATING MODE @0.20" w.g.)	1,035	1,035	1,035	1,035	1,216	775	1,020	1,149	1,149	1,149
BTU PER HOUR	61,473	68,304	76,842	85,379	92,210	34,152	51,228	61,473	68,304	76,842
TEMPERATURE RISE	27° C / 49° F	33° C / 59° F	36° C / 65° F	37° C / 67° F	36° C / 65° F	22° C / 40° F	22° C / 40° F	26° C / 47° F	29° C / 52° F	36° C / 65° F
BLOWER SIZE	10" X 8"	10" X 8"	10" X 8"	10" X 8"	12" X 8"	10" X 8"	10" X 8"	10" X 8"	10" X 8"	10" X 8"
HEATING ELEMENT SEQUENCING	PCB Controller	PCB Controller	PCB Controller	PCB Controller	PCB Controller	PCB Controller	PCB Controller	PCB Controller	PCB Controller	PCB Controller
MAX. COOLING CAPACITY	3 Tons	3 Tons	3 Tons	3 Tons	4 Tons	3 Tons	3 Tons	3 Tons	3 Tons	3 Tons
CABINET DIMENSIONS	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D	40" H x 20" W x 20" D
FILTER SIZE	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"
cUL / CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA	CSA
WARRANTY	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
DISTRIBUTION	RETAIL	X	X	X	X	X	X	X	X	X
	HVAC	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ELECTRICAL	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRODUCT	