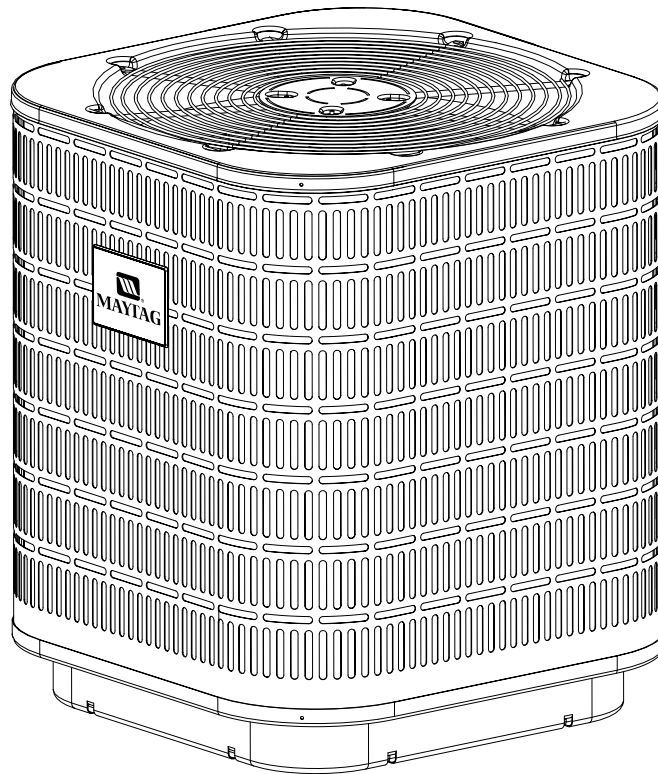




**MAYTAG**

## TECHNICAL SPECIFICATIONS

*Model DT3BA Series*



M1000 Product Line

**High Efficiency Heat Pumps  
10 SEER — 1 1/2 - 5 Ton Capacity**



- **10 YEAR  
WARRANTY**
- **WORRY-FREE  
PERFORMANCE**



The DT3BA Series of heat pumps offers exceptional performance from a small, compact package. The heat pump, when combined with our engineered coils or air handlers, offers a full line of quality, split system heating and cooling equipment. Units are ideally sized for slab or rooftop mounting.

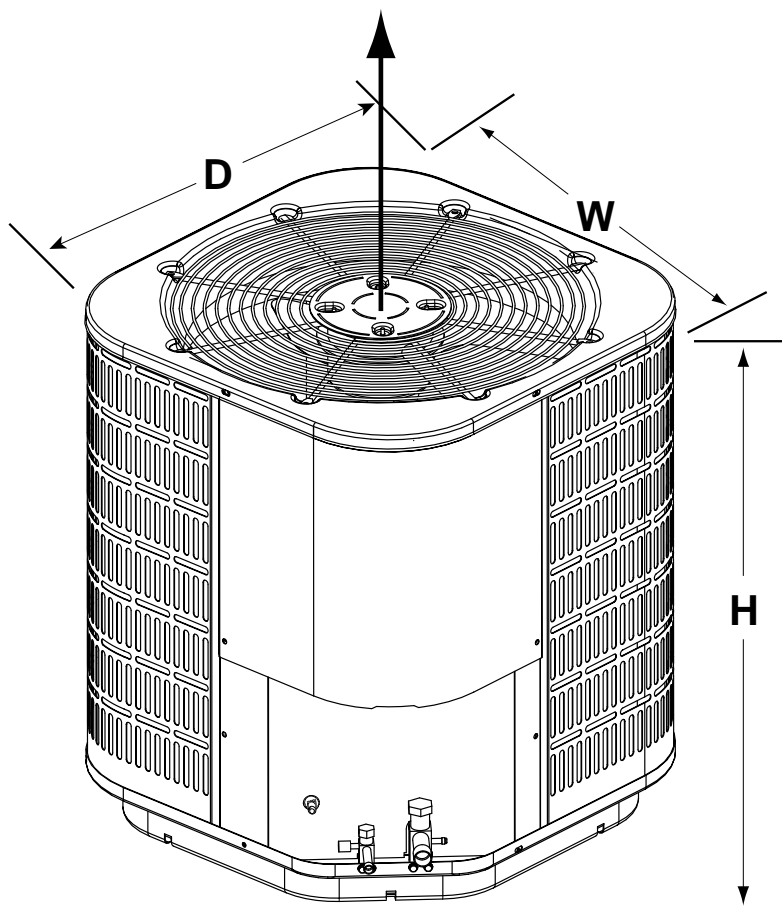
### Features and Benefits

- **Durable, Attractive Cabinet** – Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils** – Outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **Permanently Lubricated Motor** – A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Full Service Valves** – These brass valves are easily accessible and simplify servicing of the refrigeration system.
- **Steel Guard™** – protects the unit coil from being damaged by balls, lawnmowers, hail, etc.
- **Time / Temperature Defrost** – A reliable, industry standard control offers various time settings to meet any type climate.
- **Removable Top Grille Assembly** – Allows ease of service from the top without disconnecting fan motor leads.
- **One Piece Top/Orifice** – Designed for maximum airflow and quiet operation.
- **Common Suction Service Port** – This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- **2-1/2" Pedestal Base** – The sturdy base keeps the bottom of the coil out of harms way. Secondly, the base has weep holes along the edge to allow the water from rain to flow away from the unit.
- **Five Minute Restart Time Delay** – When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.
- **Suction Accumulator and Crankcase Heat** – Protection from liquid flood back and future compressor failures.
- **Hot Gas Muffler** – Reduces compressor noise and vibration.
- **Easy Compressor and Control Access** – Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **10 Year Limited Parts Warranty** – The best in the industry and has proven to be a major benefit to the consumer.

## DIMENSIONS/OUTDOOR SECTION

DT3BA	018K-A	024K-A	030K-A	036K-A	042K-A	048K-A	060K-A
H	22 1/2	22 1/2	26 1/2	34 1/2	34 1/2	30 1/2	42 1/2
W	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	30 1/2	30 1/2
D	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	30 1/2	30 1/2

Air Discharge  
Allow Adequate Clearance for Airflow



## IDENTIFICATION CODE

**D T 3 B A - 036 K A**

D - Steel Guard™

T - Heat Pump

Generation 1, 2, 3, etc.

Product Identifier

BA = Braze 10 SEER

Design Series

Electrical Code

K = 208/230-60-1

Nominal Capacity  
(000) BTU

# PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

## 10 SEER — High Efficiency — Single Phase

Model No. DT3BA-		018KA	024KA	030KA	036KA	042KA	048KA	060KA	
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	
	Total Amps	9.2	10.5	14.8	15.9	19.3	23.3	26.5	
	Min. Circuit Ampacity	11.4	12.9	18.2	19.7	23.7	28.7	32.7	
	Delay Fuse Max. (2)	15	20	30	30	40	50	50	
Component Data	Coil	Area	8.2	8.2	9.9	13.2	13.2	17.7	25.3
		Rows-FPI	1-14	1-16	1-18	1-18	1-18	1-18	1-18
		Tube Dia.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.	3/8 O.D.
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	0.7	0.7	1.1	1.1	1.4	1.5	1.5
		Watts-HP	145-1/10	145-1/10	210-1/8	210-1/8	245-1/4	300-1/4	300-1/4
	Fan Blade	Dia.-#Blades	18 in.-3	18 in.-3	18 in.-3	18 in.-3	18 in.-3	24 in.-3	24 in.-3
	Compressor Data*	SCFM	2100	2100	2500	2500	2800	4000	4000
		RLA	8.6	9.8	13.7	14.8	17.9	21.8	25.0
	Refrigerant Suction Line-Length/O.D. (Liq. Line All Lengths - 3/8" O.D.)	LRA	49	56	75	96	103	131	150
0-24 ft.		5/8" (3)	5/8" (3)	3/4"	3/4"	7/8"	7/8"	7/8"	
25-39 ft.		5/8" (3)	3/4"	3/4"	3/4"	7/8"	7/8"	1-1/8" (5)	
Refrigerant Charge (Outdoor unit, Indoor Unit, 15' Line Set)	40-75 ft.	3/4"	3/4"	3/4"	7/8" (4)	7/8"	7/8"	1-1/8" (5)	
	R-22 Ounces	69	70	79	95	103	134	198	
Weight Approximate (lbs.)		118	120	130	145	148	174	231	
	Ship	130	132	142	157	160	186	243	

COPPER WIRE SIZE — AWG (1% Voltage Drop)				
Supply Wire Length-Feet				Supply Circuit Ampacity
200	150	100	50	
6	8	10	14	15
4	6	8	12	20
4	6	8	10	25
4	4	6	10	30
3	4	6	8	35
3	4	6	8	40
2	3	4	6	45
2	3	4	6	50

Wire Size based on N.E.C. for 60° type copper conductors.

\* Values shown are most severe and may vary slightly depending on the make of the compressor supplied.

(1) Operating Voltage Range: 198v min. — 253v max.

(2) HACR Type Circuit Breakers or Time Delay Fuse

(3) Requires 3/4" to 5/8" reducer from unit to line.

(4) Requires 7/8" to 3/4" reducer from line to unit.

(5) Requires 7/8" to 1-1/8" reducer from line to unit.

# SYSTEM HEATING & COOLING CAPACITIES

## 10 SEER — High Efficiency — Single Phase

Outdoor Unit	With This Coil							
Model Number DT3BA-	Coil C3BA-	Cooling Btuh	SEER	Heating Btuh @ 47	Heating Btuh @ 17	HSPF	Nominal CFM	Required Orifice Size
018KA	024(C/U)A (2)	18,000	10	17,400	9,000	6.8	675	.053 (1)
024KA	024(C/U)A (2)	23,000	10	22,200	12,000	7.0	900	.060 (3)
030KA	030(C/U)B	29,600	10	29,200	15,800	7.2	1125	.067 (1)
030KA	036(C/U)A (2)	30,000	10	29,600	16,000	7.2	1125	.067 (3)
036C/KA	036(C/U)A (2)	34,200	10	33,600	17,400	7.2	1200	.071 (1)
036C/KA	036(C/U)B (2)	34,600	10	34,000	17,600	7.2	1350	.071 (1)
042KA	042(C/U)B	40,000	10	39,000	22,800	7.2	1450	.077 (1)
048C/KA	048(C/U)B (2)	46,000	10	46,500	26,000	7.2	1550	.082 (1)
048C/KA	048(C/U)C	46,500	10	46,500	26,000	7.2	1600	.082 (1)
060C/KA	060(C/U)C (2)	56,500	10	57,000	35,000	7.2	1850	.093 (3)

Outdoor Unit	With This Air Handler							
Model Number DT3BA-	Air Handler B3B(M,V)-	Cooling Btuh	SEER	Heating Btuh @ 47	Heating Btuh @ 17	HSPF	Nominal CFM	Required Orifice Size
018KA	024(A/K)AB	18,000	10	17,400	9,000	6.8	675	.053 (1)
024KA	024(A/K)AB	23,000	10	22,200	12,000	7.0	900	.060 (3)
030KA	030(A/K)AB	30,000	10	29,600	16,000	7.2	1125	.067 (1)
030KA	030KBB	30,000	10	29,600	16,000	7.2	1125	.067 (1)
036C/KA	030(A/K)AB	34,200	10	33,600	17,400	7.2	1200	.071 (1)
036C/KA	036KBB	34,600	10	34,000	17,600	7.2	1350	.071 (1)
042KA	042KBB	40,000	10	39,000	22,800	7.2	1450	.077 (1)
048C/KA	048(A/K)BB	46,000	10	46,500	26,000	7.2	1600	.082 (1)
060C/KA	060KCB	56,500	10	57,000	35,000	7.2	1850	.093 (3)

(1) Field Supplied

(2) Also available as C3BH Horizontal Case Coil.

(3) Installed

See current ARI Directory for certified combinations and ratings.

## ACCESSORIES - CONDENSING UNIT

### Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

### Snow Stand

Plastic-coated, molded wire stand which elevates units 7-1/4" above ground level.

**913144** - (Small Base Pan) Shipped six (6) per box.

**913145** - (Large Base Pan) Shipped six (6) per box.

### Outdoor Thermostat - 913852

Two stage logic provides ability to lock out electric strips down to balance point and bring on in stages.





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.

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