

# 10 Fan Drycooler Parts Manual



**This manual is for units manufactured last December 2003 and onwards, with serial numbers similar to T06D03042**

## Model Number Definition

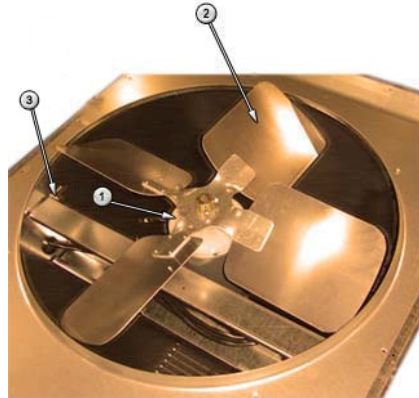
**Model Number Designation - 10 Fan DryCooler (Dec. 2003 to Present)**

<b>D</b>	<b>O</b>	<b>H</b>	<b>X</b>	<b>150</b>	<b>A</b>	<b>G</b>	<b>136</b>	<b>A</b>
Motor Type	Fan Cycling Control	Nominal Capacity	Voltage-3ph-Hz	Coil guard	Coil Circuiting	Coil		
0 = Std. G = Quiet T = TEAO	T = w/o Current Sensing X = Fan Cycling w/ Current Sensing	150 = 150 Tons 120 = 120 Tons	A = 460-60 B = 575-60 C = 208-60 D = 230-60 H = 380/415-50	A = Aluminum G = Wire H = None	068 = 68 (Half) 136 = 136 (Full) 272 = 272 (Double)	Aluminum C = Phenolic P = Pre-Coated U = Cu/Cu		

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## 1. Fan Section



- 1. Motor
- 2. Fan
- 3. Bracket Fan

### 1.1. Motor

Part Number	Description	Motor	Model #	Voltage	Capacity	Quantity
184411P1	MOTOR 1-1/2HP 230/460V 830RPM CW	Quiet line	DGH	380/415-3-50	120	10
184413P1	MOTOR 1.5H 850 RPM 575/60/3 5/8 CW/CCW	Quiet line	DGH	575-3-60	120	10
184415P1	MOTOR 1HP 208-230/460V 850RPM	Quiet line	DGH	460-3-60	120	10
				208-3-60		
				230-3-60		
184412P1	MOTOR 1.5H 208-230/460/50- 60/3 5/8CW/CCW	Standard	D0H	460-3-60	150	10
				208-3-60		
				230-3-60		
184414P1	MOTOR 1.5H 575V/60/3 1140RPM 5/8 CW/CCW	Standard	D0H	575-3-60	150	10
184416P1	MOTOR 1.5H 208-230/460/50- 60/3	TEAO	DTH	460-3-60	150	10

### 1.2. Fan



Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184417P1	FAN 30 DIA 30 DEG 5/8 CW	ALL	ALL	120	10
184418P1	FAN BLADE 30 IN 26D 5/8B CW	ALL	ALL	150	10

### 1.3. Bracket Fan

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
195572P1	BRACKET FAN	ALL	ALL	ALL	10

## 2. Guard Section

### 2.1. Fan Guard



1. Fan Guard

#### 2.1.1. Fan Guard

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184419P1	30 IN FAN GUARD	ALL	ALL	ALL	10

## 2.2. Coil Guard Section

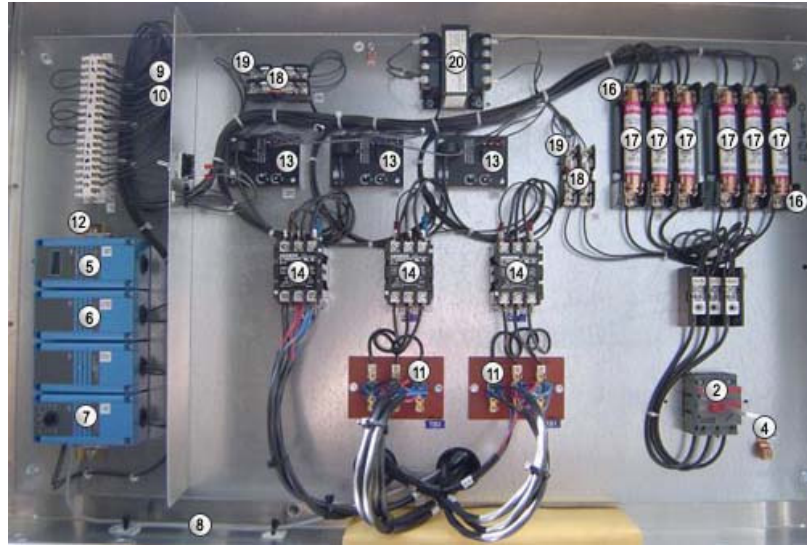


1. Coil Guard

### 2.2.1. Coil Guard

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184420P1	WIRE COIL GUARD	ALL	ALL	ALL	10

### 3. Electrical Section



- |                      |                                   |
|----------------------|-----------------------------------|
| 2. Disconnect Switch | 11. Terminal Block                |
| 4. Ground Lug        | 12. Toggle Switch                 |
| 5. Temp Display      | 13. Over/Under Current Protection |
| 6. Temp Stage Adder  | 14. Contactor                     |
| 7. Temp Control      | 16. Fuse Holder                   |
| 8. Temp Sensor       | 17. Fuse                          |
| 9. Terminal Block    | 18. Fuse                          |
| 10. End Section      | 19. Fuseblock                     |
|                      | 20. Transformer                   |

#### 3.1. Disconnect SW

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184436P1	NON-FUSED 60A THROUGH THE DOOR DISC SW	ALL	208-3-60	ALL	1
			230-3-60		
184437P1	NON-FUSED 100A THROUGH THE DOOR DISC SW	ALL	460-3-60	ALL	1
			575-3-60		
			380/415-3-50		

#### 3.2. Ground Lug

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184438P1	LUG 6-14 AWG GROUND	ALL	ALL	ALL	1

### 3.3. Temp Display



Part Number	Description	Motor Type	Voltage	Capacity	Quantity
141810P4	D350AA-1 TEMP DISPLAY	ALL	ALL	ALL	1

### 3.4. Temp Stage Adder



Part Number	Description	Motor Type	Voltage	Capacity	Quantity
141810P3	ADDITIONAL STAGE CONTROL	ALL	ALL	ALL	1

### 3.5. Temp Control



Part Number	Description	Motor Type	Voltage	Capacity	Quantity
141810P6	A350AA-1C TEMP CONTROL	ALL	ALL	ALL	1

### 3.6. Temp Sensor

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184439P1	TEMPERATURE SENSOR A99BB-600C	ALL	ALL	ALL	1



### 3.7. Terminal Block

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184431P1	TERM BLK Marathon #6H38TSFV	ALL	ALL	ALL	19

### 3.8. End Section

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184432P1	END SECT; Marathon part #JH38E-F, 600V	ALL	ALL	ALL	1

### 3.9. Terminal Block

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184443P1	TERMINAL BLOCK	ALL	ALL	ALL	2
184430P1	3P LN 2/0-12 LOAD 4/P 4 TERMINAL BLOCK	ALL	ALL	ALL	1

### 3.10. SPST Toggle Switch

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184440P1	10A 250V SPST TOGGLE SWITCH	ALL	ALL	ALL	1

### 3.11. Over/Under Current Protection

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184441P1	Over/Under Current Protection	ALL	ALL	ALL	3

### 3.12. Contactor

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184444P1	25A 3P 24V CONTACTOR-OPEN	ALL	208-3-60	ALL	3
			230-3-60		
184445P1	40A 3P 24V CONTACTOR-OPEN	ALL	460-3-60	ALL	3
			575-3-60		
			380/415-3-50		

### 3.13. Fuse Holder

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184442P1	FUSEHLDR 3P30A600V CLS H	ALL	ALL	ALL	2

### 3.14. Fuse

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
E-2020	FUSE 20A 600V CLASS RK5	ALL	ALL	ALL	6

### 3.15. Fuse

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
153958P1	FUSE 15A 600V CLASS CC	ALL	ALL	ALL	4

### 3.16. Fuseblock

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184443P1	FUSEBLOCK 30A 600V 2P MDGT	ALL	ALL	ALL	2

### 3.17. Transformer

Part Number	Description	Motor Type	Voltage	Capacity	Quantity
184408P1	XFMR 100VA 460/230//24VAC	ALL	460-3-60	ALL	1
184409P1	BASLER TRANSFORMER 600 VAC - 24 VAC	ALL	575-3-60	ALL	1
184410P1	TRANSFORMER, 208/240VAC - 24VAC	ALL	208-3-60 230-3-60	ALL	1

## 4. Revision History

Revision Date	Section	Details
08/14/2008	Fan Section	Add 1955721 (Bracket Fan)
08/19/2009	Fan Section	Relocate item callout #3