



Master Chiller Inc. EVAPORATIVE COOLERS

SIDE & BOTTOM DISCHARGE

HIGH EFFICIENCY INDUSTRIAL & COMMERCIAL COOLERS

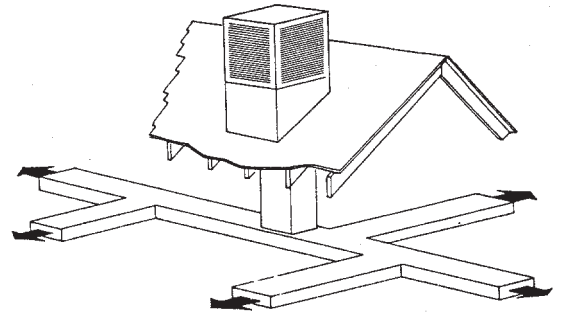
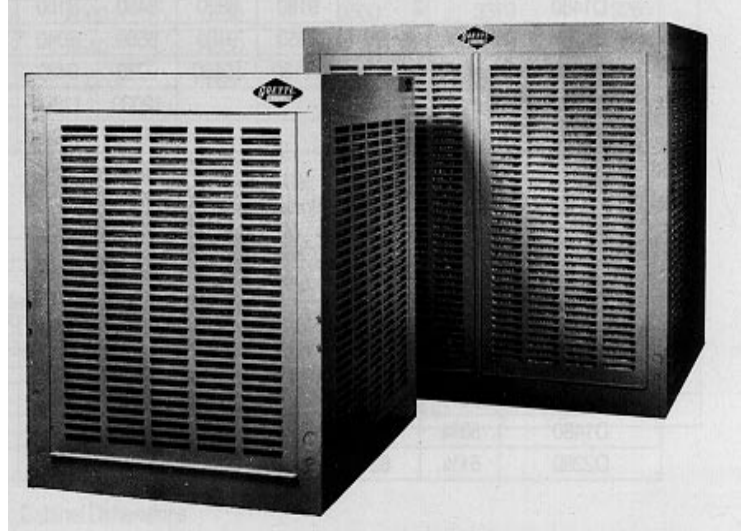
Master Chiller Inc., one of the most experienced and trusted names in the industry, offers a complete line of evaporative coolers. Since 1981 the Master Chiller name has stood for Quality and Reliability.

These evaporative coolers are built with the same superior durability and legendary performance that you've come to expect from Master Chiller Inc.

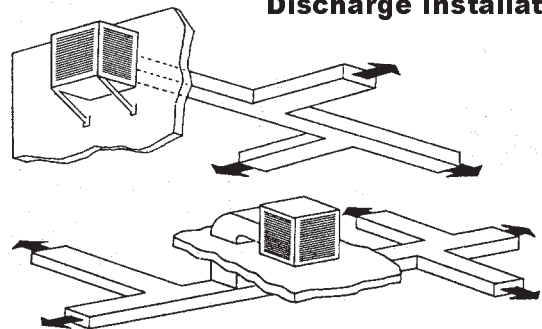
Standard Features

- ◆ Capacities up to 21000 CFM (Industry Standard Rating)
- ◆ Side or down discharge models.
- ◆ POLYBOND[®], an appliance type finish, is applied to all parts exposed to water. POLYBOND[®] resists corrosion and is easy to clean.
- ◆ Heavy-gage, galvanized steel.
- ◆ Brass water float valve included.
- ◆ Bleed off kit included.
- ◆ U. L. recognized pump/motor.
- ◆ Solid shaft for rugged durability.
- ◆ Embossed pd frame for added strength.
- ◆ Precision balanced blower wheel.
- ◆ Cuts down high utility and maintenance cost associated with air conditioning systems.
- ◆ AMCA licensed ratings.

Made in U. S. A.



Typical Bottom Discharge Installation



Typical Side Discharge Installation

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MASTER CHILLER INC. 3730 Dividend Dr. Garland, TX. 75042

1-800-666-5822

972-272-0886

FAX 972-494-9047



Product Information



Evap. - Cooler
Downflow
Specifications

BOTTOM DISCHARGE

PERFORMANCE AND DIMENSIONAL DATA

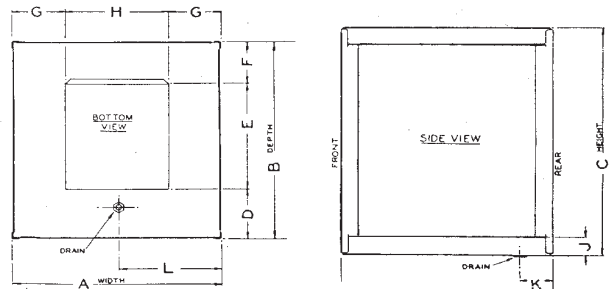
Model No.	MTR. H.P.	Theoretical Maximum CFM	Certified Air Delivery, CFM Static Pressure				
			0"	1/8"	1/4"	3/8"	1/2"
D 750	3/4	7500	5420	5175	4830	4485	4020
D 850	1	8500	6090	5780	5490	5175	4865
D 1480	1	10500	7225	6700	6150	5550	5070
D 1480	1 1/2	11500	8270	7780	7280	6700	6270
D 1480	2	12500	9100	8520	8080	7510	7070
D 2280	1 1/2	14000	10950	10550	9980	9280	8550
D 2280	2	16000	12050	11620	11150	10580	9960
D 2280	3	18000	X	X	13000	12450	11950
D 2280	5	21000	X	X	15700	15220	14720

Model No.	Motor				Blower Wheel			Belt Lth	Blower Pulley O.D. Diam	Apprx. Shpg. Wgt.	
	H.P.	Speed	Hz.	Volts		Dia.	Width				Shaft
				1 Phase	3 Phase						
D 750	3/4	1 or 2	60	115		20	21	3 3/4	72	14 x 1	330
D 750	3/4	1 or 2	60	230		20	21	3 3/4	72	14 x 1	330
D 850	1	1 or 2	60	115/230		20	21	3 3/4	72	14 x 1	330
D 1480	1	2	60	230		22	22	1VL40	86	18 3/4 x 1 3/16	505
D 1480	1	1	60	115/230	230/460	22	22	1VL40	86	18 3/4 x 1 3/16	510
D 1480	1 1/2	1	60	115/230		22	22	1VP44	86	18 3/4 x 1 3/16	520
D 1480	2	1	60	230	230/460	22	22	1VP50	93	18 3/4 x 1 3/16	536
D 2280	1 1/2	1	60	115/230	230/460	25	25	1VP44	100	18 3/4 x 1 3/16	762
D 2280	2	1	60	230	230/460	25	25	1VP40	100	18 3/4 x 1 3/16	775
D 2280	3	1	60	115/230	230/460	25	25	1VP40	100	18 3/4 x 1 3/16	800
D 2280	5	1	60		230/460	25	25	1VP50	100	18 3/4 x 1 3/16	815

Cabinet Dimensions

Model	Width	Depth	Height								
	A	B	C	D	E	F	G	H	J	K	L
D 750	53	39 1/2	44 1/8	11 3/4	23 3/4	4	14 5/8	23 3/4	3 1/4	5	26 1/2
D 850	53	39 1/2	44 1/8	11 3/4	23 3/4	4	14 5/8	23 3/4	3 1/4	5	26 1/2
D 1480	53	53	52	18 1/4	27 3/4	7	12 5/8	27 3/4	3 1/2	5	26 1/2
D 2280	64	64	60	22	33	9	15 1/2	33	3 1/2	11	32

	Pad Sizes						Pad Area Sq. In.
	Front & Rear			Sides			
	No.	Ht.	Wth.	No.	Ht.	Wth.	
D 750	4	39	23 1/2	2	39	34	6318
D 850	4	39	23 1/2	2	39	34	6318
D 1480	4	47	23	4	47	23	8648
D 2280	8	29	29	8	29	29	13456



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Product Information



Evap. - Cooler
Side Discharge
Specifications

SIDE DISCHARGE

PERFORMANCE AND DIMENSIONAL DATA

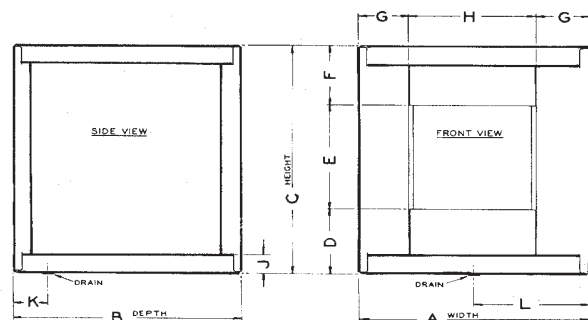
Model No.	MTR. H.P.	Theoretical Maximum CFM	Certified Air Delivery, CFM Static Pressure				
			0"	1/8"	1/4"	3/8"	1/2"
H 750	3/4	7500	5400	5175	4830	4485	4020
H 850	1	8500	6090	5780	5490	5175	4865
H 1480	1	10500	7225	6700	6150	5550	5070
H 1480	1 1/2	11500	8270	7780	7280	6700	6270
H 1480	2	12500	9100	8520	8080	7510	7070
H 2280	1 1/2	14000	10950	10550	9980	9280	8550
H 2280	2	16000	12050	11620	11150	10580	9960
H 2280	3	18000	X	X	13000	12450	11950
H 2280	5	21000	X	X	15700	15220	14720

Model No.	Motor			Volts		Blower Wheel			Belt Lth	Blower Pulley O.D. Diam	Apprx. Shpg. Wgt.
	H.P.	Speed	Hz.	Volts		Dia.	Width	Shaft			
				1 Phase	3 Phase						
H 750	3/4	1 or 2	60	115		20	21	3 3/4	74	14 x 1	310
H 750	3/4	1 or 2	60	230		20	21	3 3/4	74	14 x 1	310
H 850	1	1 or 2	60	115/230		20	21	3 3/4	74	14 x 1	310
H 1480	1	2	60	230		22	22	1VL40	86	18 3/4 x 1 3/16	515
H 1480	1	1	60	115/230	230/460	22	22	1VL40	86	18 3/4 x 1 3/16	525
H 1480	1 1/2	1	60	115/230		22	22	1VP44	86	18 3/4 x 1 3/16	530
H 1480	2	1	60	230	230/460	22	22	1VP50	93	18 3/4 x 1 3/16	540
H 2280	1 1/2	1	60	115/230	230/460	25	25	1VP44	100	18 3/4 x 1 3/16	760
H 2280	2	1	60	230	230/460	25	25	1VP40	100	18 3/4 x 1 3/16	780
H 2280	3	1	60	115/230	230/460	25	25	1VP40	100	18 3/4 x 1 3/16	800
H 2280	5	1	60		230/460	25	25	1VP50	100	18 3/4 x 1 3/16	815

Cabinet Dimensions

Model	Width		Depth		Height		D	E	F	G	H	J	K	L
	A	B	C	C										
H 750	53	39 1/2	44 1/8	16	20 1/2	7 5/8	15	23	3 1/4	5	26 1/2			
H 850	53	39 1/2	44 1/8	16	20 1/2	7 5/8	15	23	3 1/4	5	26 1/2			
H 1480	53	52	53	17	26 3/4	7	13 1/8	26 3/4	3 1/2	5	26 1/2			
H 2280	64	64	60	22	32	6	16	32	3 1/2	11	32			

	Pad Sizes						Pad Area Sq. In.
	Front & Rear			Sides			
	No.	Ht.	Wth.	No.	Ht.	Wth.	
H 750	2	39	23 1/2	2	39	34	4885
H 850	2	39	23 1/2	2	39	34	4885
H 1480	2	47	23	4	47	23	6486
H 2280	4	29	29	8	29	29	10092



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For more information see us at our Web Page:

www.masterchiller.com

Phone 1-800-666-5822 Fax 1-972-494-9047

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