Air-Cooled Condensers - Axial Fan

Freon Applications 3–290 Tons

MCH/V

> > USED FOR INDUSTRIAL AND/OR COMMERCIAL FREON APPLICATIONS 3-290 TONS.

The Global Leader

In Heat Exchange Technology

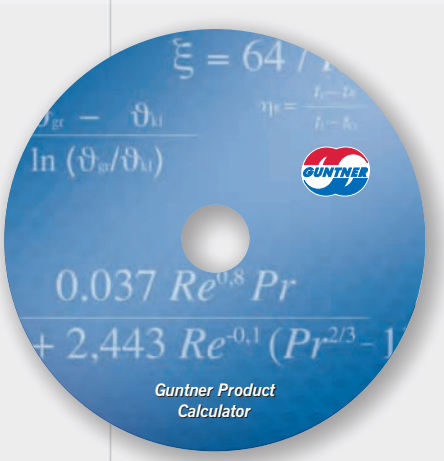
With seven decades of experience and commitment to total client satisfaction, Guntner has earned a reputation as the global leader in heat exchange technology. Supported by the best R&D engineers in the business, cutting-edge technology, and eight manufacturing facilities around the world, Guntner continues to break new ground in the demanding market of finned heat exchangers for industrial refrigeration, HVAC, and process cooling applications. Our high standards and dedication to society and the environment have earned us the respect of the industry, and the privilege of long-term relationships with our customers around the world.

GUNTNER

...keep(s) your quality

The Guntner Product Calculator

MPC

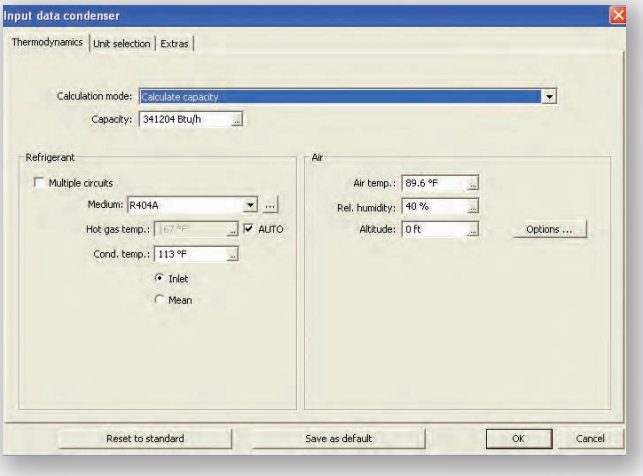


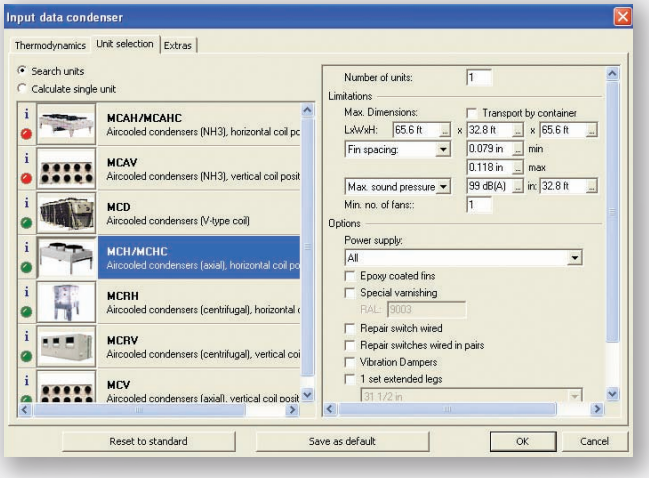
Available as download from our website or on CD.

With the Guntner Product Calculator MPC, we offer you more than just an overview of prices and the complete product range. This thermodynamic selection program enables you to calculate and evaluate your own tailored selections based on precise and actual thermodynamics rather than factors or multipliers. A team of experts stand by to guide you through the selection process.

The Guntner Product Calculator MPC can be updated via the Internet ensuring that you always have the most exact and precise information for proper selection.

We recommend using Guntner's Product Calculator MPC for exact thermodynamic calculations. Varying conditions such as refrigerants, humidity levels and material combinations are all taken into account by the software to most accurately select products to fit your specific needs.





> > CALCULATIONS MADE EASY WITH OUR PRECISE MPC SOFTWARE

Standard Features of Construction

The MCH/MCV condenser range has been developed to satisfy all possible industrial refrigeration applications. These weather-proofed air-cooled units can achieve noted capacities both vertically and horizontally and with the smallest footprint in the industry.

TWO-YEAR WARRANTY: We are so confident in our product that we offer a two-year warranty on all condensers including fan motors.

Our units are service friendly and all fans are completely accessible from outside including the electrical box. Fan replacement can take place quickly without risking damage to the fins or coil.

CASING: The robust casing is manufactured out of corrosion-resistant galvanized steel sheet and finished with high quality polyurethane paint.

COILS: Our proven "floating coil" with support tubes does not permit the refrigerant carrying tubes to come into contact with the tube/end plates and eliminates the risk of tube failure at the end plates. All coils are pressure tested to 450 psig with dry air underwater and shipped with a holding charge.

The use of expanded support tubes also minimizes flexing during crane or forklift transport, reduces assembly torsion, and provides more rigidity with less weight.

The entire range is equipped with high efficiency coils made with inner grooved copper tubes suitable for all refrigerants.

Each unit is individually circuited to optimize coil performance and capacity.

Within the coil casing, each fan chamber is separated by an internal baffle to prevent windmilling during fan off-cycle.

Alternate fin materials are available to give added protection in aggressive environments.

All of our coils have been tested and comply with UL 207 applicable standards.

All models are suitable for multi-circuiting allowing for a multi-refrigerant system to operate with a single condenser.

FANS: External rotor motors with die cast aluminum sickle bladed impellers deliver the best combined performance for air volume, noise and efficiency available in the refrigeration industry. The fan sets are supplied with a full bell mouth fan plate, optimized for highest efficiency.

The combination of high collar venturis and sickle design of the blades reduce the fans' noise considerably, our MCH/MCV range can meet the most demanding noise restrictions in the market.

Fan nozzle and side panels (optional) are easily removed to give full access to coil. The wire fan guards are of welded construction, coated in a weather proof durable synthetic finish for maximum corrosion protection and are manufactured in compliance with strict safety standards.

FLEXIBLE DESIGN AND MATERIALS: Ask our team about special materials or design modifications for your application requirements. We have the design and manufacturing capability to provide the optimum solution.

WIDE RANGE OF ACCESSORIES: Our range of accessories allows for individual design variation. Guntner control panels are made to comply with the highest quality standards and are specially designed for use with condensers.

OPTIONAL ACCESSORIES (EXTRA COST):

Repair (On/Off) Switch

Extended Legs or Deduct Legs

Vibration Dampers

Exhaust Duct

Factory Installed Control Panels

SPECIAL CONSTRUCTION (EXTRA COST):

Stainless Steel Tubes

Copper Fins

Epoxy Coated Fins

Subcooler Circuit

Multiple Circuits

Tube Sheets and Casing Stainless Steel

Housing/Cabinet for Compressor

Base Frame

Special Paint / Special Color

Inspection Openings

Electrical Data / Refrigerant Connections

MODEL NO. MCH/V	FAN MOTORS- ELECTRICAL DATA							
	FAN DIAMETER		MOTOR RATINGS @ 3Ph/60Hz (EA.)				SOUND Power Level	Guntner
	mm	inch	Voltage	HP	rpm	FLA	dB (A)	Spare Part No.
052N	500	20	460	1	1500	1.95	79.7	VT01188U
			230	1	1420	3.2	78.6	
067N	650	26	460	3	1600	5.4	89.6	VT01191U
			230	3	1520	9.3	88.4	
052L	500	20	460	1/3	1010	0.89	72.2	VT01189U
			230	1/4	920	1.55	70.3	
067L	650	26	460	1/2	860	1.25	77.0	VT01177U
			230	1/2	790	2.2	74.8	
082N	800	32	460	2	1040	3.5	87.5	VT01194U
			230	1 1/2	990	5.9	86.5	
092N	900	36	460	3	910	7.3	91.0	VT01196U
			230	3	850	12.5	87.6	
082L	800	32	460	1 1/2	760	2.9	80.3	VT01195U
			230	1	700	4.9	78.0	
092L	900	36	460	2	700	4.1	83.3	VT01197U
			230	1 1/2	650	6.9	82.1	

STANDARD CONNECTION SYSTEM		
Condenser Capacity	Inlet	Outlet
TR	inches	inches
0- 5	5/8	5/8
5 - 7	3/4	3/4
7- 10.5	7/8	7/8
10.5- 16.5	1 1/8	1 1/8
16.5- 27	1 3/8	1 3/8
27- 40	1 5/8	1 5/8
40- 66	2 1/8	2 1/8
66- 92	2 5/8	2 5/8
92- 134	3 1/8	3 1/8
134- 182	3 5/8	3 5/8
182- 268	2 x 3 1/8	2 x 3 1/8
268- 364	2 x 3 5/8	2 x 3 5/8

STANDARD CONNECTION SYSTEM		
Condenser Capacity	Inlet	Outlet
kW	mm	mm
0-18	16	16
18-24	18	18
24-37	22	22
37-58	28	28
58-95	35	35
95-142	42	42
142-233	54	54
233-324	64	64
324-471	76	76
471-640	89	89
640-942	2 x 76	2 x 76
942-1280	2 x 89	2 x 89

Axial Condenser MCH/V

MCH	082	C/	2	N	L

AIRCOOLED CONDENSERS (AXIAL)
MCH / V

FAN DIAMETER

20”	052
26”	067
32”	082
36”	092

MODULE TYPE C/

ELECTRICAL POWER

J	3/400/60
L	3/460/60
S	3/400/50
U	3/230/60

NOISE LEVEL

N	Standard design
L	Low noise level design

NO. OF FANS & FAN CONFIGURATION 2

Capacity Data: N (Normal Noise Level)

Single Row Fans

MODEL NO. MCH/V	RATINGS @ 3/460/60									
	R22				R404a				Air Flow	Sound Pressure Level
	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39")
052A/1-N	2.8	4.3	5.7	3,413	2.9	4.3	5.8	3,477	4,532	48
052C/1-N	3.7	5.6	7.4	4,454	3.7	5.5	7.3	4,392	5,121	48
067A/1-N	4.9	7.4	9.9	5,920	4.7	7.1	9.5	5,691	8,181	58
067B/1-N	5.7	8.5	11.4	6,838	5.5	8.2	11.0	6,579	9,064	58
067C/1-N	6.3	9.5	12.6	7,562	6.1	9.1	12.1	7,288	9,653	58
082A/1-N	7.2	10.8	14.4	8,613	7.0	10.4	13.9	8,351	10,124	56
082B/1-N	8.1	12.2	16.2	9,723	7.9	11.8	15.8	9,458	10,889	56
082C/1-N	8.9	13.4	17.9	10,712	8.7	13.0	17.4	10,428	11,418	56
092A/1-N	8.4	12.6	16.9	10,119	8.2	12.2	16.3	9,785	13,243	59
092B/1-N	9.9	14.9	19.8	11,903	9.6	14.4	19.2	11,534	15,009	59
092C/1-N	11.3	17.0	22.6	13,586	11.0	16.5	22.0	13,184	16,480	59
052A/2-N	5.8	8.6	11.5	6,916	5.9	8.8	11.8	7,051	9,064	51
052C/2-N	6.8	10.3	13.7	8,206	7.0	10.6	14.1	8,441	10,241	51
067A/2-N	9.5	14.3	19.1	11,450	9.6	14.3	19.1	11,469	16,362	61
067B/2-N	11.4	17.1	22.8	13,656	11.1	16.6	22.2	13,305	18,128	61
067C/2-N	11.8	17.6	23.5	14,104	12.1	18.1	24.1	14,464	19,305	61
082A/2-N	14.4	21.5	28.7	17,233	14.1	21.2	28.3	16,960	20,247	59
082B/2-N	16.4	24.6	32.8	19,671	16.2	24.2	32.3	19,393	21,777	59
082C/2-N	18.0	27.0	36.0	21,618	17.8	26.7	35.5	21,322	22,837	59
092A/2-N	16.9	25.4	33.9	20,330	16.9	25.3	33.7	20,240	26,486	62
092B/2-N	20.1	30.2	40.2	24,136	20.1	30.1	40.2	24,094	30,017	62
092C/2-N	22.9	34.4	45.8	27,484	22.9	34.3	45.8	27,467	32,960	62
052A/3-N	8.7	13.0	17.4	10,414	8.9	13.3	17.7	10,638	13,596	53
052B/3-N	10.1	15.2	20.2	12,135	10.2	15.2	20.3	12,192	14,597	53
052C/3-N	11.3	16.9	22.5	13,526	11.2	16.7	22.3	13,383	15,362	53
067A/3-N	14.4	21.6	28.8	17,261	14.4	21.6	28.9	17,315	24,544	63
067B/3-N	17.2	25.7	34.3	20,586	16.7	25.1	33.4	20,065	27,192	63
067C/3-N	19.2	28.9	38.5	23,096	18.6	27.9	37.2	22,295	28,958	63
082A/3-N	22.2	33.3	44.4	26,636	22.1	33.2	44.3	26,574	30,371	60
082B/3-N	24.7	37.1	49.4	29,648	24.8	37.2	49.6	29,731	32,666	60
082C/3-N	27.1	40.7	54.2	32,549	27.1	40.7	54.3	32,569	34,255	60
092A/3-N	26.1	39.2	52.3	31,363	26.3	39.5	52.6	31,560	39,729	64
092B/3-N	30.3	45.5	60.7	36,413	30.8	46.2	61.7	36,999	45,026	64
092C/3-N	34.5	51.8	69.0	41,422	35.0	52.5	70.0	42,022	49,441	64
052B/4-N	14.1	21.2	28.3	16,965	13.7	20.5	27.4	16,423	19,541	54
067B/4-N	23.3	34.9	46.5	27,912	22.5	33.8	45.1	27,055	36,256	64
082B/4-N	31.8	47.7	63.6	38,181	32.5	48.8	65.0	39,023	43,555	61
092B/4-N	39.2	58.9	78.5	47,097	40.7	61.0	81.4	48,821	60,035	65

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

RATINGS @ 3/230/60											COIL		MODEL NO. MCH/V
R22				R404a				Air Flow	Sound Pressure Level	Surface Area	Tube Volume	
TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39")	ft²	ft³	
2.7	4.1	5.4	3,254	2.8	4.1	5.5	3,311	4,238	47	542	0.38	052A/1-N
3.6	5.3	7.1	4,261	3.5	5.3	7.0	4,220	4,826	47	790	0.55	052C/1-N
4.8	7.2	9.6	5,735	4.6	6.9	9.2	5,519	7,769	57	711	0.49	067A/1-N
5.5	8.3	11.1	6,650	5.3	8.0	10.7	6,398	8,652	57	874	0.60	067B/1-N
6.1	9.2	12.2	7,333	5.9	8.8	11.8	7,070	9,182	57	1,037	0.70	067C/1-N
7.0	10.4	13.9	8,357	6.8	10.1	13.5	8,105	9,653	55	1,803	0.81	082A/1-N
7.8	11.8	15.7	9,403	7.6	11.4	15.3	9,150	10,359	55	2,219	1.01	082B/1-N
8.6	13.0	17.3	10,365	8.4	12.6	16.8	10,096	10,889	55	2,635	1.17	082C/1-N
8.0	12.1	16.1	9,644	7.8	11.7	15.5	9,326	12,184	56	1,803	0.81	092A/1-N
9.5	14.2	18.9	11,359	9.2	13.8	18.4	11,014	13,890	56	2,219	1.01	092B/1-N
10.8	16.2	21.6	12,951	10.5	15.7	21.0	12,580	15,244	56	2,635	1.17	092C/1-N
5.5	8.2	11.0	6,588	5.6	8.4	11.2	6,715	8,476	50	1,113	0.75	052A/2-N
6.5	9.8	13.1	7,839	6.7	10.1	13.5	8,071	9,653	50	1,608	1.06	052C/2-N
9.2	13.8	18.4	11,036	9.3	13.9	18.5	11,112	15,538	60	1,461	0.97	067A/2-N
11.0	16.5	22.0	13,211	10.8	16.2	21.5	12,928	17,304	60	1,786	1.16	067B/2-N
11.3	17.0	22.7	13,597	11.6	17.4	23.3	13,950	18,364	60	2,111	1.35	067C/2-N
13.9	20.9	27.8	16,709	13.7	20.5	27.3	16,407	19,305	58	3,745	1.66	082A/2-N
15.8	23.8	31.7	19,016	15.6	23.4	31.2	18,711	20,718	58	4,577	2.06	082B/2-N
17.4	26.1	34.9	20,912	17.2	25.7	34.3	20,592	21,777	58	5,410	2.39	082C/2-N
16.1	24.2	32.2	19,344	16.0	23.9	31.9	19,154	24,367	59	3,745	1.66	092A/2-N
19.2	28.8	38.4	23,021	19.1	28.6	38.2	22,907	27,781	59	4,577	2.06	092B/2-N
21.8	32.7	43.6	26,185	21.7	32.6	43.5	26,074	30,488	59	5,410	2.39	092C/2-N
8.3	12.4	16.5	9,913	8.4	12.7	16.9	10,127	12,713	52	1,688	1.10	052A/3-N
9.7	14.5	19.4	11,614	9.8	14.6	19.5	11,716	13,773	52	2,060	1.35	052B/3-N
10.8	16.2	21.6	12,932	10.7	16.1	21.4	12,851	14,479	52	2,432	1.58	052C/3-N
13.9	20.8	27.7	16,636	14.0	21.0	28.0	16,775	23,308	62	2,216	1.45	067A/3-N
16.6	24.9	33.2	19,912	16.2	24.4	32.5	19,495	25,956	62	2,704	1.73	067B/3-N
18.6	28.0	37.3	22,362	18.0	27.0	36.0	21,602	27,545	61	3,191	2.08	067C/3-N
18.5	27.7	36.9	22,149	18.2	27.3	36.4	21,855	28,958	59	5,687	2.47	082A/3-N
23.9	35.8	47.8	28,674	23.9	35.9	47.8	28,690	31,077	59	6,935	2.97	082B/3-N
25.6	38.4	51.3	30,757	25.6	38.4	51.2	30,702	31,607	59	8,184	3.46	082C/3-N
24.9	37.3	49.8	29,858	25.0	37.4	49.9	29,949	36,551	60	5,687	2.47	092A/3-N
28.9	43.4	57.9	34,720	29.3	43.9	58.6	35,140	41,671	60	6,935	2.97	092B/3-N
32.9	49.3	65.8	39,455	33.2	49.8	66.5	39,879	45,733	60	8,184	3.46	092C/3-N
13.5	20.3	27.0	16,214	13.1	19.7	26.3	15,758	18,364	53	2,757	1.8	052B/4-N
22.6	33.9	45.2	27,133	21.9	32.8	43.7	26,239	34,608	63	3,618	2.3	067B/4-N
30.8	46.1	61.5	36,915	31.4	47.1	62.8	37,663	41,436	60	9,293	4.0	082B/4-N
37.3	55.9	74.6	44,738	38.6	57.9	77.2	46,308	55,562	61	9,293	4.0	092B/4-N

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

Capacity Data: N (Normal Noise Level)

Double Row Fans

MODEL NO. MCH/V	RATINGS @ 3/460/60									
	R22				R404a				Air Flow	Sound Pressure Level
	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39")
052A/2x2-N	11.5	17.3	23.0	13,828	11.8	17.7	23.6	14,131	18,128	54
052C/2x2-N	15.3	23.0	30.7	18,417	14.9	22.3	29.8	17,857	20,483	54
067A/2x2-N	19.1	28.6	38.2	22,899	19.1	28.7	38.2	22,938	32,725	64
067B/2x2-N	22.8	34.1	45.5	27,312	22.2	33.3	44.3	26,609	36,256	64
067C/2x2-N	23.5	35.3	47.0	28,207	24.1	36.2	48.2	28,928	38,611	64
082A/2x2-N	29.5	44.3	59.0	35,406	29.0	43.5	58.0	34,815	41,200	62
082B/2x2-N	33.6	50.4	67.2	40,348	33.1	49.7	66.2	39,733	44,261	62
082C/2x2-N	36.8	55.2	73.6	44,136	36.2	54.3	72.5	43,479	46,145	61
092A/2x2-N	35.1	52.7	70.3	42,171	35.0	52.4	69.9	41,948	54,620	65
092B/2x2-N	41.5	62.3	83.0	49,824	41.4	62.1	82.8	49,689	61,448	65
092C/2x2-N	47.1	70.7	94.2	56,527	47.0	70.5	94.1	56,430	67,098	65
052A/2x3-N	17.4	26.0	34.7	20,828	17.7	26.6	35.5	21,275	27,192	56
052C/2x3-N	22.5	33.8	45.1	27,052	22.3	33.5	44.6	26,765	30,724	56
067A/2x3-N	28.8	43.2	57.5	34,523	28.9	43.3	57.7	34,630	49,088	66
067B/2x3-N	34.3	51.5	68.6	41,172	33.4	50.2	66.9	40,130	54,385	66
067C/2x3-N	38.5	57.7	77.0	46,192	37.2	55.7	74.3	44,591	57,916	65
082A/2x3-N	44.5	66.7	89.0	53,393	44.7	67.0	89.3	53,590	61,801	63
082B/2x3-N	50.7	76.0	101.3	60,798	50.9	76.3	101.7	61,030	66,392	63
082C/2x3-N	55.4	83.1	110.7	66,448	55.3	83.0	110.7	66,416	69,217	63
092A/2x3-N	53.1	79.6	106.1	63,682	54.0	81.1	108.1	64,840	81,930	67
092B/2x3-N	62.6	93.9	125.3	75,157	63.6	95.4	127.1	76,287	92,171	66
092C/2x3-N	71.0	106.5	142.0	85,194	71.9	107.9	143.9	86,312	100,647	66
067B/2x4-N	46.5	69.8	93.0	55,825	45.1	67.6	90.2	54,109	72,513	67
082A/2x4-N	60.7	91.1	121.5	72,899	61.2	91.9	122.5	73,484	82,401	64
082B/2x4-N	65.3	97.9	130.5	78,309	66.6	99.9	133.2	79,936	88,522	64
082C/2x4-N	71.9	107.9	143.8	86,299	73.0	109.5	146.0	87,580	92,289	64
092A/2x4-N	72.4	108.6	144.8	86,881	73.9	110.8	147.7	88,628	109,240	68
092B/2x4-N	80.9	121.4	161.9	97,135	83.9	125.8	167.7	100,630	122,895	68
092C/2x4-N	92.9	139.3	185.7	111,433	95.6	143.4	191.2	114,694	134,196	67
082A/2x5-N	73.1	109.7	146.2	87,743	75.1	112.7	150.3	90,153	103,001	65
082B/2x5-N	83.5	125.3	167.0	100,217	85.3	127.9	170.6	102,345	110,653	65
082C/2x5-N	91.7	137.5	183.3	109,988	93.0	139.5	186.0	111,579	115,361	65
092A/2x5-N	87.9	131.8	175.7	105,438	91.2	136.8	182.4	109,454	136,550	68
092B/2x5-N	104.7	157.1	209.4	125,665	107.5	161.3	215.1	129,052	153,619	68
092C/2x5-N	119.5	179.3	239.0	143,423	121.8	182.8	243.7	146,217	167,745	68
082A/2x6-N	89.9	134.9	179.9	107,915	92.0	138.0	184.0	110,374	123,601	66
082B/2x6-N	102.3	153.5	204.7	122,818	103.9	155.8	207.8	124,658	132,783	66
082C/2x6-N	111.7	167.6	223.5	134,086	112.9	169.3	225.8	135,480	138,434	65
092A/2x6-N	108.5	162.8	217.1	130,234	111.8	167.7	223.6	134,146	163,860	69
092B/2x6-N	128.2	192.2	256.3	153,797	131.0	196.4	261.9	157,151	184,343	69
092C/2x6-N	145.1	217.7	290.3	174,180	147.5	221.3	295.1	177,035	201,294	69

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

RATINGS @ 3/230/60										COIL		MODEL NO. MCH/V
R22				R404a				Air Flow	Sound Pressure Level	Surface Area	Tube Volume	
TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39'')	ft²	ft³	
11.0	16.5	21.9	13,167	11.2	16.8	22.4	13,453	16,951	53	2,226	1.77	052A/2x2-N
14.7	22.1	29.5	17,682	14.3	21.4	28.6	17,158	19,305	53	3,216	2.31	052C/2x2-N
18.4	27.6	36.8	22,073	18.5	27.8	37.0	22,225	31,077	63	2,922	2.23	067A/2x2-N
22.0	33.0	44.0	26,422	21.5	32.3	43.1	25,855	34,608	63	3,572	2.63	067B/2x2-N
22.7	34.0	45.3	27,194	23.3	34.9	46.5	27,900	36,727	63	4,221	2.97	067C/2x2-N
28.6	42.9	57.2	34,339	28.1	42.1	56.1	33,678	39,317	61	7,831	3.53	082A/2x2-N
32.5	48.8	65.0	39,019	32.0	47.9	63.9	38,351	42,142	61	9,571	4.38	082B/2x2-N
35.6	53.4	71.2	42,698	35.0	52.5	70.0	42,023	44,026	60	11,311	5.05	082C/2x2-N
33.5	50.2	67.0	40,182	33.1	49.7	66.3	39,763	50,382	62	7,831	3.53	092A/2x2-N
39.6	59.4	79.3	47,558	39.4	59.1	78.8	47,289	56,974	62	9,571	4.38	092B/2x2-N
45.0	67.5	90.0	54,008	44.8	67.2	89.6	53,732	62,389	62	11,311	5.05	092C/2x2-N
16.5	24.8	33.0	19,826	16.9	25.3	33.8	20,254	25,427	55	3,376	2.32	052A/2x3-N
21.6	32.3	43.1	25,864	21.4	32.1	42.8	25,702	28,958	55	4,863	3.36	052C/2x3-N
27.7	41.6	55.5	33,271	28.0	41.9	55.9	33,550	46,615	64	4,431	3.09	067A/2x3-N
33.2	49.8	66.4	39,823	32.5	48.7	65.0	38,990	51,913	64	5,407	3.69	067B/2x3-N
37.3	55.9	74.5	44,724	36.0	54.0	72.0	43,205	55,091	64	6,383	4.43	067C/2x3-N
43.1	64.7	86.3	51,763	43.2	64.8	86.4	51,861	58,976	62	11,891	5.26	082A/2x3-N
49.0	73.5	98.1	58,831	49.0	73.4	97.9	58,747	63,213	62	14,501	6.78	082B/2x3-N
53.6	80.3	107.1	64,277	53.5	80.2	106.9	64,160	66,038	62	17,111	7.80	082C/2x3-N
50.6	75.9	101.2	60,706	51.2	76.9	102.5	61,487	75,573	63	11,891	5.26	092A/2x3-N
59.8	89.7	119.5	71,722	60.4	90.7	120.9	72,521	85,462	63	14,501	6.78	092B/2x3-N
67.8	101.7	135.6	81,374	68.5	102.7	136.9	82,143	93,584	63	17,111	7.80	092C/2x3-N
45.2	67.8	90.4	54,266	43.7	65.6	87.5	52,479	69,217	65	7,237	4.9	067B/2x4-N
58.9	88.4	117.8	70,686	59.2	88.9	118.5	71,082	78,634	63	15,951	7.3	082A/2x4-N
63.1	94.7	126.3	75,759	64.3	96.5	128.7	77,195	84,284	63	19,431	8.7	082B/2x4-N
69.6	104.4	139.1	83,485	70.5	105.7	140.9	84,549	88,051	63	22,912	10.1	082C/2x4-N
69.0	103.5	138.0	82,776	70.1	105.1	140.1	84,083	100,765	64	15,951	7.3	092A/2x4-N
76.9	115.4	153.9	92,328	79.6	119.4	159.3	95,550	113,949	64	19,431	8.7	092B/2x4-N
88.5	132.8	177.1	106,260	90.9	136.3	181.7	109,024	124,779	64	22,912	10.1	092C/2x4-N
70.9	106.4	141.8	85,095	72.7	109.0	145.3	87,204	98,293	64	20,011	9.0	082A/2x5-N
80.8	121.1	161.5	96,911	82.3	123.4	164.5	98,720	105,355	64	24,362	10.7	082B/2x5-N
88.6	132.9	177.1	106,284	89.8	134.6	179.5	107,708	110,064	64	28,712	12.4	082C/2x5-N
83.5	125.2	167.0	100,199	86.4	129.6	172.8	103,675	125,956	65	20,011	9.0	092A/2x5-N
99.5	149.2	199.0	119,376	102.1	153.2	204.2	122,530	142,436	65	24,362	10.7	092B/2x5-N
113.7	170.5	227.3	136,381	115.9	173.8	231.7	139,023	155,973	65	28,712	12.4	092C/2x5-N
87.0	130.5	174.0	104,386	88.9	133.4	177.8	106,705	117,951	65	24,072	10.6	082A/2x6-N
98.8	148.2	197.6	118,568	100.2	150.3	200.4	120,235	126,427	65	29,292	12.6	082B/2x6-N
107.9	161.9	215.9	129,529	109.0	163.5	218.0	130,827	132,077	64	34,512	14.7	082C/2x6-N
103.0	154.5	206.0	123,608	105.8	158.8	211.7	127,006	151,147	66	24,072	10.6	092A/2x6-N
122.1	183.1	244.1	146,488	124.4	186.5	248.7	149,229	170,923	66	29,292	12.6	092B/2x6-N
138.3	207.4	276.5	165,906	140.3	210.4	280.6	168,338	187,168	65	34,512	14.7	092C/2x6-N

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

Capacity Data: L (Low Noise Level)

Single Row Fans

MODEL NO. MCH/V	RATINGS @ 3/460/60									
	R22				R404a				Air Flow	Sound Pressure Level
	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39")
052A/1-L	2.1	3.1	4.2	2,507	2.1	3.2	4.3	2,563	3,002	41
052C/1-L	2.7	4.1	5.4	3,264	2.7	4.1	5.4	3,269	3,414	41
067A/1-L	3.3	4.9	6.6	3,949	3.3	4.9	6.6	3,947	4,591	46
067B/1-L	3.9	5.8	7.7	4,645	3.8	5.7	7.6	4,560	5,121	46
067C/1-L	4.3	6.4	8.6	5,153	4.2	6.3	8.4	5,020	5,444	46
082A/1-L	6.4	9.6	12.8	7,675	6.2	9.3	12.4	7,454	8,476	49
082B/1-L	7.3	11.0	14.6	8,771	7.1	10.7	14.2	8,543	9,358	49
082C/1-L	8.1	12.2	16.3	9,765	7.9	11.9	15.9	9,527	10,006	49
092A/1-L	7.0	10.6	14.1	8,455	6.8	10.2	13.7	8,198	9,829	52
092B/1-L	8.3	12.5	16.7	9,999	8.1	12.1	16.2	9,714	11,360	52
092C/1-L	9.4	14.1	18.8	11,306	9.2	13.7	18.3	10,995	12,360	52
052A/2-L	4.2	6.3	8.5	5,074	4.3	6.5	8.7	5,190	6,003	44
052C/2-L	5.0	7.5	10.0	5,974	5.1	7.7	10.3	6,174	6,828	44
067A/2-L	6.2	9.3	12.5	7,475	6.4	9.6	12.8	7,652	9,182	49
067B/2-L	7.5	11.2	14.9	8,951	7.5	11.3	15.1	9,043	10,241	48
067C/2-L	7.6	11.4	15.2	9,142	7.9	11.8	15.7	9,443	10,889	48
082A/2-L	12.8	19.2	25.5	15,322	12.5	18.8	25.0	15,001	16,951	52
082B/2-L	14.8	22.2	29.55	17,728	14.5	21.7	29.0	17,376	18,717	52
082C/2-L	16.4	24.6	32.8	19,693	16.1	24.2	32.3	19,358	20,012	51
092A/2-L	14.1	21.1	28.2	16,908	13.8	20.8	27.7	16,619	19,659	55
092B/2-L	16.9	25.3	33.7	20,233	16.7	25.0	33.3	19,985	22,719	55
092C/2-L	19.0	28.5	38.1	22,831	18.8	28.2	37.6	22,540	24,720	54
052A/3-L	6.3	9.5	12.7	7,620	6.5	9.8	13.0	7,821	9,005	45
052B/3-L	7.5	11.2	15.0	8,997	7.6	11.4	15.2	9,107	9,888	45
052C/3-L	8.2	12.3	16.5	9,875	8.3	12.4	16.5	9,918	10,241	45
067A/3-L	9.4	14.1	18.7	11,248	9.6	14.4	19.2	11,530	13,773	50
067B/3-L	11.2	16.8	22.4	13,466	11.3	17.0	22.7	13,614	15,362	50
067C/3-L	12.6	18.9	25.2	15,110	12.6	18.9	25.3	15,155	16,333	50
082A/3-L	19.7	29.6	39.5	23,684	19.5	29.2	39.0	23,400	25,427	53
082B/3-L	22.3	33.4	44.5	26,713	22.2	33.3	44.4	26,611	28,075	53
082C/3-L	24.7	37.1	49.4	29,641	24.6	36.9	49.2	29,528	30,017	53
092A/3-L	21.8	32.7	43.6	26,136	21.6	32.4	43.2	25,928	29,488	56
092B/3-L	25.4	38.1	50.8	30,498	25.5	38.3	51.0	30,629	34,079	56
092C/3-L	28.6	43.0	57.3	34,374	28.7	43.1	57.5	34,500	37,080	56
052B/4-L	10.5	15.7	21.0	12,596	10.4	15.7	20.9	12,527	13,184	46
067B/4-L	15.7	23.5	31.4	18,839	15.4	23.2	30.9	18,534	20,483	51
082B/4-L	28.7	43.1	57.4	34,465	29.1	43.7	58.2	34,931	37,434	54
092B/4-L	32.7	49.1	65.4	39,269	33.5	50.3	67.0	40,227	45,438	57

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

RATINGS @ 3/230/60											COIL		MODEL NO. MCH/V
R22				R404a				Air Flow	Sound Pressure Level		Surface Area	Tube Volume	
TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39'')		ft^2	ft^3	
2.0	2.9	3.9	2,354	2.0	3.0	4.0	2,408	2,766	39		542	0.38	052A/1-L
2.6	3.9	5.2	3,107	2.6	3.9	5.2	3,113	3,208	39		790	0.55	052C/1-L
3.1	4.6	6.2	3,717	3.1	4.7	6.2	3,728	4,238	43		711	0.49	067A/1-L
3.6	5.4	7.2	4,316	3.6	5.3	7.1	4,264	4,650	43		874	0.60	067B/1-L
4.0	6.0	8.1	4,832	3.9	5.9	7.9	4,729	5,003	43		1,037	0.70	067C/1-L
6.1	9.1	12.1	7,279	5.9	8.8	11.8	7,071	7,828	47		1,803	0.81	082A/1-L
6.9	10.4	13.8	8,302	6.7	10.1	13.5	8,090	8,652	47		2,219	1.01	082B/1-L
7.7	11.6	15.4	9,264	7.5	11.3	15.1	9,044	9,300	47		2,635	1.17	082C/1-L
6.6	9.9	13.3	7,955	6.4	9.7	12.9	7,722	8,946	51		1,803	0.81	092A/1-L
7.8	11.8	15.7	9,403	7.6	11.4	15.3	9,150	10,359	51		2,219	1.01	092B/1-L
8.9	13.4	17.9	10,712	8.7	13.0	17.4	10,428	11,418	51		2,635	1.17	092C/1-L
4.0	6.0	7.9	4,762	4.1	6.1	8.1	4,873	5,533	42		1,113	0.75	052A/2-L
4.7	7.1	9.5	5,685	4.9	7.3	9.8	5,877	6,416	42		1,608	1.06	052C/2-L
5.9	8.8	11.7	7,031	6.0	9.0	12.0	7,201	8,476	46		1,461	0.97	067A/2-L
6.9	10.4	13.8	8,308	7.0	10.5	14.0	8,403	9,300	46		1,786	1.16	067B/2-L
7.1	10.7	14.3	8,554	7.4	11.0	14.7	8,834	10,006	46		2,111	1.35	067C/2-L
12.1	18.1	24.2	14,508	11.8	17.7	23.6	14,162	15,656	50		3,745	1.66	082A/2-L
14.0	21.0	28.0	16,783	13.7	20.5	27.4	16,435	17,304	50		4,577	2.06	082B/2-L
15.6	23.3	31.1	18,674	15.3	22.9	30.5	18,323	18,599	50		5,410	2.39	082C/2-L
13.2	19.9	26.5	15,894	13.0	19.5	26.0	15,577	17,893	53		3,745	1.66	092A/2-L
15.8	23.8	31.7	19,016	15.6	23.4	31.2	18,711	20,718	53		4,577	2.06	092B/2-L
18.0	27.0	36.0	21,618	17.8	26.7	35.5	21,322	22,837	53		5,410	2.39	092C/2-L
6.0	8.9	11.9	7,149	6.1	9.2	12.2	7,341	8,299	44		1,688	1.10	052A/3-L
7.0	10.5	14.0	8,420	7.1	10.7	14.2	8,531	9,094	43		2,060	1.35	052B/3-L
7.8	11.7	15.7	9,397	7.9	11.8	15.7	9,442	9,623	43		2,432	1.58	052C/3-L
8.8	13.2	17.6	10,577	9.0	13.6	18.1	10,849	12,713	48		2,216	1.45	067A/3-L
10.4	15.6	20.8	12,495	10.5	15.8	21.1	12,645	13,949	48		2,704	1.73	067B/3-L
11.8	17.7	23.6	14,143	11.8	17.7	23.7	14,197	15,009	48		3,191	2.08	067C/3-L
18.7	28.0	37.4	22,424	18.4	27.7	36.9	22,138	23,484	52		5,687	2.47	082A/3-L
21.1	31.6	42.1	25,264	20.9	31.4	41.8	25,089	25,956	51		6,935	2.97	082B/3-L
23.4	35.1	46.9	28,115	23.2	34.8	46.5	27,873	27,899	51		8,184	3.46	082C/3-L
20.5	30.7	41.0	24,571	20.3	30.4	40.5	24,303	26,839	55		5,687	2.47	092A/3-L
23.9	35.8	47.8	28,674	23.9	35.9	47.8	28,690	31,077	55		6,935	2.97	092B/3-L
27.1	40.7	54.2	32,549	27.1	40.7	54.3	32,569	34,255	55		8,184	3.46	092C/3-L
9.8	14.7	19.7	11,794	9.8	14.7	19.6	11,780	12,125	45		2,757	1.8	052B/4-L
14.6	21.9	29.2	17,492	14.5	21.7	28.9	17,341	18,599	49		3,618	2.3	067B/4-L
27.2	40.8	54.4	32,619	27.5	41.2	55.0	32,989	34,608	52		9,293	4.0	082B/4-L
30.8	46.1	61.5	36,915	31.4	47.1	62.8	37,663	41,436	56		9,293	4.0	092B/4-L

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

Capacity Data: L (Low Noise Level)

Double Row Fans

MODEL NO. MCH/V	COIL CAPACITIES @ 3/460/60								COIL	
	R22				R404a				Air Flow	Sound Pressure Level
	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39")
052A/2x2-L	8.4	12.7	16.9	10,129	8.7	13.0	17.3	10,383	12,007	47
052C/2x2-L	11.3	17.0	22.7	13,608	11.2	16.8	22.4	13,434	13,655	47
067A/2x2-L	12.5	18.7	24.9	14,950	12.8	19.1	25.5	15,305	18,364	51
067B/2x2-L	14.9	22.4	29.8	17,903	15.1	22.6	30.1	18,087	20,483	51
067C/2x2-L	15.2	22.9	30.5	18,284	15.7	23.6	31.5	18,886	21,777	51
082A/2x2-L	26.3	39.4	52.5	31,522	25.7	38.5	51.4	30,833	34,608	54
082B/2x2-L	30.3	45.5	60.7	36,403	29.8	44.6	59.5	35,711	38,140	54
082C/2x2-L	33.7	50.5	67.3	40,383	33.1	49.6	66.1	39,677	40,730	54
092A/2x2-L	29.2	43.8	58.3	35,010	28.7	43.0	57.3	34,381	40,494	57
092B/2x2-L	34.8	52.2	69.6	41,778	34.4	51.5	68.7	41,232	46,615	57
092C/2x2-L	39.2	58.8	78.4	47,053	38.8	58.1	77.5	46,510	50,618	57
052A/2x3-L	12.7	19.0	25.4	15,240	13.0	19.6	26.1	15,643	18,011	48
052C/2x3-L	16.5	24.7	32.9	19,750	16.5	24.8	33.1	19,835	20,483	48
067A/2x3-L	18.7	28.1	37.5	22,496	19.2	28.8	38.4	23,060	27,546	53
067B/2x3-L	22.4	33.7	44.9	26,933	22.7	34.0	45.4	27,227	30,724	53
067C/2x3-L	25.2	37.8	50.4	30,221	25.3	37.9	50.5	30,310	32,666	53
082A/2x3-L	39.6	59.4	79.2	47,518	39.4	59.1	78.8	47,261	51,913	56
082B/2x3-L	45.7	68.6	91.5	54,880	45.6	68.4	91.2	54,712	57,210	56
082C/2x3-L	50.6	76.0	101.3	60,778	50.4	75.6	100.8	60,481	61,094	56
092A/2x3-L	44.0	66.0	88.0	52,787	44.1	66.2	88.2	52,944	60,741	59
092B/2x3-L	52.5	78.7	104.9	62,968	52.6	79.0	105.3	63,174	69,923	59
092C/2x3-L	59.0	88.6	118.1	70,854	59.2	88.8	118.4	71,040	75,927	59
067B/2x4-L	31.4	47.1	62.8	37,677	30.9	46.3	61.8	37,068	40,965	54
082A/2x4-L	54.1	81.1	108.2	64,895	54.0	81.1	108.1	64,858	69,217	57
082B/2x4-L	59.0	88.5	118.0	70,781	59.7	89.6	119.4	71,654	76,280	57
082C/2x4-L	65.8	98.7	131.6	78,976	66.5	99.8	133.0	79,824	81,459	57
092A/2x4-L	60.1	90.1	120.1	72,077	60.5	90.7	121.0	72,590	80,988	60
092B/2x4-L	67.6	101.4	135.2	81,090	69.2	103.7	138.3	82,983	93,231	60
092C/2x4-L	76.7	115.0	153.3	91,993	78.2	117.2	156.3	93,791	101,235	60
082A/2x5-L	65.1	97.6	130.2	78,099	66.3	99.4	132.6	79,555	86,521	58
082B/2x5-L	75.3	113.0	150.7	90,403	76.4	114.6	152.7	91,645	95,350	58
082C/2x5-L	83.7	125.6	167.5	100,491	84.6	126.9	169.2	101,530	101,824	58
092A/2x5-L	72.3	108.4	144.6	86,759	74.2	111.3	148.4	89,050	101,235	61
092B/2x5-L	86.7	130.0	173.3	104,008	88.6	132.9	177.1	106,281	116,538	61
092C/2x5-L	98.1	147.2	196.3	117,774	99.6	149.4	199.2	119,528	126,544	61
082A/2x6-L	79.6	119.4	159.1	95,482	81.0	121.6	162.1	97,249	103,825	59
082B/2x6-L	91.7	137.6	183.5	110,087	93.0	139.5	186.0	111,604	114,420	58
082C/2x6-L	101.7	152.6	203.4	122,065	102.8	154.3	205.7	123,408	122,189	58
092A/2x6-L	88.8	133.3	177.7	106,606	90.9	136.3	181.7	109,021	121,482	62
092B/2x6-L	106.0	159.1	212.1	127,257	107.9	161.9	215.8	129,483	139,846	61
092C/2x6-L	119.4	179.1	238.7	143,245	121.0	181.5	242.0	145,214	151,853	61

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

RATINGS @ 3/230/60										COIL		MODEL NO. MCH/V
R22				R404a				Air Flow	Sound Pressure Level	Surface Area	Tube Volume	
TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr* /°F TD	TR 10° TD	TR 15° TD	TR 20° TD	Btu/hr /°F TD	cfm	dB(A) (at 39'')	ft²	ft³	
7.9	11.9	15.8	9,504	8.1	12.2	16.2	9,746	11,065	45	2,226	1.77	052A/2x2-L
10.8	16.2	21.6	12,953	10.7	16.0	21.4	12,835	12,831	45	3,216	2.31	052C/2x2-L
11.7	17.6	23.4	14,061	12.0	18.0	24.0	14,402	16,951	49	2,922	2.23	067A/2x2-L
13.8	20.8	27.7	16,616	14.0	21.0	28.0	16,806	18,599	49	3,572	2.63	067B/2x2-L
14.3	21.4	28.5	17,109	14.7	22.1	29.4	17,668	20,012	49	4,221	2.97	067C/2x2-L
24.9	37.3	49.8	29,873	24.3	36.4	48.6	29,156	32,019	53	7,831	3.53	082A/2x2-L
28.7	43.1	57.5	34,489	28.2	42.3	56.4	33,826	35,315	53	9,571	4.38	082B/2x2-L
31.8	47.7	63.5	38,129	31.2	46.8	62.3	37,408	37,669	53	11,311	5.05	082C/2x2-L
27.6	41.4	55.2	33,104	27.0	40.6	54.1	32,441	37,198	56	7,831	3.53	092A/2x2-L
32.6	49.0	65.3	39,168	32.1	48.1	64.2	38,506	42,378	56	9,571	4.38	092B/2x2-L
37.2	55.8	74.3	44,607	36.6	55.0	73.3	43,967	46,851	56	11,311	5.05	092C/2x2-L
11.9	17.9	23.8	14,297	12.2	18.4	24.5	14,681	16,598	46	3,376	2.32	052A/2x3-L
15.7	23.5	31.3	18,793	15.7	23.6	31.5	18,884	19,247	46	4,863	3.36	052C/2x3-L
17.6	26.4	35.3	21,153	18.1	27.1	36.2	21,697	25,427	51	4,431	3.09	067A/2x3-L
20.8	31.2	41.6	24,989	21.1	31.6	42.2	25,290	27,899	51	5,407	3.69	067B/2x3-L
23.6	35.4	47.1	28,286	23.7	35.5	47.3	28,394	30,017	51	6,383	4.43	067C/2x3-L
37.5	56.3	75.0	45,020	37.2	55.8	74.5	44,676	48,028	54	11,891	5.26	082A/2x3-L
43.2	64.9	86.5	51,887	42.9	64.4	85.9	51,526	52,972	54	14,501	6.78	082B/2x3-L
47.8	71.8	95.7	57,411	47.4	71.1	94.8	56,888	56,503	54	17,111	7.80	082C/2x3-L
41.6	62.3	83.1	49,879	41.5	62.3	83.1	49,858	55,797	58	11,891	5.26	092A/2x3-L
49.2	73.8	98.4	59,059	49.2	73.7	98.3	58,995	63,566	58	14,501	6.78	092B/2x3-L
56.0	84.0	111.9	67,160	56.0	83.9	111.9	67,160	70,276	58	17,111	7.80	092C/2x3-L
29.2	43.7	58.3	34,985	28.9	43.4	57.8	34,682	37,198	52	7,237	4.9	067B/2x4-L
51.2	76.8	102.3	61,407	51.1	76.6	102.2	61,302	64,037	55	15,951	7.3	082A/2x4-L
55.9	83.8	111.7	67,038	56.4	84.7	112.9	67,727	70,629	55	19,431	8.7	082B/2x4-L
62.2	93.3	124.4	74,670	62.6	94.0	125.3	75,174	75,338	55	22,912	10.1	082C/2x4-L
56.8	85.1	113.5	68,115	57.0	85.5	114.0	68,383	74,396	59	15,951	7.3	092A/2x4-L
63.4	95.1	126.7	76,045	64.6	96.9	129.2	77,515	84,755	59	19,431	8.7	092B/2x4-L
72.7	109.0	145.4	87,219	73.8	110.7	147.6	88,577	93,702	59	22,912	10.1	092C/2x4-L
61.7	92.6	123.5	74,092	62.6	93.8	125.1	75,069	80,047	56	20,011	9.0	082A/2x5-L
71.3	107.0	142.6	85,580	72.1	108.1	144.1	86,465	88,287	56	24,362	10.7	082B/2x5-L
79.1	118.6	158.2	94,892	79.7	119.6	159.5	95,696	94,172	56	28,712	12.4	082C/2x5-L
68.3	102.5	136.7	82,017	69.8	104.7	139.7	83,797	92,995	60	20,011	9.0	092A/2x5-L
81.1	121.6	162.1	97,283	82.6	123.9	165.2	99,127	105,944	60	24,362	10.7	092B/2x5-L
92.8	139.2	185.6	111,361	94.0	141.1	188.1	112,858	117,127	59	28,712	12.4	092C/2x5-L
75.4	113.1	150.8	90,459	76.5	114.7	153.0	91,783	96,056	57	24,072	10.6	082A/2x6-L
86.8	130.2	173.5	104,129	87.8	131.6	175.5	105,304	105,944	57	29,292	12.6	082B/2x6-L
95.9	143.8	191.8	115,079	96.8	145.2	193.6	116,143	113,007	57	34,512	14.7	082C/2x6-L
83.6	125.4	167.3	100,351	85.4	128.2	170.9	102,538	111,594	60	24,072	10.6	092A/2x6-L
99.2	148.8	198.4	119,045	100.6	150.9	201.2	120,731	127,133	60	29,292	12.6	092B/2x6-L
113.0	169.5	226.0	135,582	114.2	171.3	228.4	137,013	140,552	60	34,512	14.7	092C/2x6-L

Capacity Parameters: Altitude= 0 FT above Sea Level, Humidity = 40%,
Air Temperature = 95°F, Condensing Temperature = 115°F,
Hot Gas Temp: R22 = 214°F, R404 = 169°F

Dimensions: Single Row Fans

MODEL NO. MCH/V	UNIT DIMENSIONS												
	MCH							MCV					
	Net Weight lbs.	L inch	R inch	B inch	H inch	H1 inch	L1 inch	C inch	E inch	F inch	G inch	L1 inch	Construction Drawing
052A/1-	181	36 1/2	4	35 1/4	37 3/8	15 3/4	33 1/2	34 1/2	13 3/8	8 1/4	0	33 1/2	I / IV
052C/1-	212	52 1/4	4	35 1/4	37 3/8	15 3/4	49	34 1/2	13 3/8	8 1/4	0	49 1/4	
067A/1-	218	36 1/2	4	45	37 3/8	15 3/4	33 1/2	44 1/4	13 3/8	9	0	33 1/2	I / IV
067B/1-	247	44 1/4	4	45	37 3/8	15 3/4	41 1/2	44 1/4	13 3/8	9	0	41 3/8	I / IV
067C/1-	271	52 1/4	4	45	37 3/8	15 3/4	49	44 1/4	13 3/8	9	0	49 1/4	I / IV
082A/1-	538	55 1/8	3 1/4	46 3/4	49 1/4	15 3/4	50 1/2	46 5/8	19 1/4	14 1/4	0	57 1/2	II / V
082B/1-	595	67	3 1/2	46 3/4	49 1/4	15 3/4	62 1/4	46 5/8	19 1/4	14 1/4	0	69 1/4	II / V
082C/1-	648	78 3/4	3 1/2	46 3/4	49 1/4	15 3/4	74	46 5/8	19 1/4	14 1/4	0	81 1/8	II / V
092A/1-	588	55 1/8	3 1/4	46 3/4	49 1/4	15 3/4	50 1/2	46 5/8	19 1/4	14 1/4	0	57 1/2	II / V
092B/1-	646	67	3 1/2	46 3/4	49 1/4	15 3/4	62 1/4	46 5/8	19 1/4	14 1/4	0	69 1/2	II / V
092C/1-	699	78 3/4	3 1/2	46 3/4	49 1/4	15 3/4	74	46 5/8	19 1/4	14 1/4	0	81 1/8	II / V
052A/2-	335	72 7/8	4	35 1/4	37 3/8	15 3/4	69 7/8	34 2/4	13 3/8	8 1/2	0	69 7/8	I / IV
052C/2-	395	104 3/8	4	35 1/4	37 3/8	15 3/4	101 3/8	34 2/4	13 3/8	8 1/2	0	101 3/8	I / IV
067A/2-	406	72 7/8	4 3/8	45	37 3/8	15 3/4	69 7/8	44 1/4	13 3/8	9	0	69 7/8	I / IV
067B/2-	456	88 5/8	4 3/8	45	37 3/8	15 3/4	85 5/8	44 1/4	13 3/8	9	0	85 5/8	I / IV
067C/2-	507	104 3/8	4 3/8	45	37 3/8	15 3/4	101 3/8	44 1/4	13 3/8	9	0	101 3/8	I / IV
082A/2-	886	110 1/4	4	46 3/4	49 1/4	15 3/4	105 1/2	46 3/4	19 1/4	14 1/4	0	112 5/8	II / V
082B/2-	998	133 3/4	4 1/4	46 3/4	49 1/4	15 3/4	129 1/4	46 3/4	19 1/4	14 1/4	0	136 2/8	II / V
082C/2-	1,115	157 1/2	4 1/4	46 3/4	49 1/4	15 3/4	152 3/4	46 3/4	19 1/4	14 1/4	0	159 7/8	II / V
092A/2-	987	110 1/4	4	46 3/4	49 1/4	15 3/4	105 1/2	46 3/4	19 1/4	14 1/4	0	112 5/8	II / V
092B/2-	1,100	133 3/4	4 1/4	46 3/4	49 1/4	15 3/4	129 1/7	46 3/4	19 1/4	14 1/4	0	136 2/8	II / V
092C/2-	1,217	157 1/2	4 1/4	46 3/4	49 1/4	15 3/4	152 3/4	46 3/4	19 1/4	14 1/4	0	159 7/8	II / V
052A/3-	495	109 1/4	4	35 1/4	37 3/8	15 3/4	106 1/4	34 1/2	13 3/8	8 1/2	0	106 1/4	I / IV
052B/3-	531	132 7/8	4	35 1/4	37 3/8	15 3/4	130	34 1/2	13 3/8	8 1/2	0	130	I / IV
052C/3-	575	156 1/2	4	35 1/4	37 3/8	15 3/4	153 1/2	34 1/2	13 3/8	8 1/2	0	153 1/2	I / IV
067A/3-	591	109 1/4	4 3/4	45	37 3/8	15 3/4	106 1/4	44 1/4	13 3/8	9	0	106 1/4	I / IV
067B/3-	666	132 7/8	4 3/4	45	37 3/8	15 3/4	130	44 1/4	13 3/8	9	0	130	I / IV
067C/3-	761	156 1/2	5 1/8	45	37 3/8	15 3/4	153 1/2	44 1/4	13 3/8	9	0	153 1/2	I / IV
082A/3-	1,228	165 1/4	4 1/4	46 3/4	61	23 5/8	161 1/2	49	19 1/4	14 1/4	33 5/8	163 2/4	III / VI
082B/3-	1,402	200 3/4	4	46 3/4	61	23 5/8	196 3/4	49	19 1/4	14 1/4	33 5/8	198 3/4	III / VI
082C/3-	1,611	236 1/4	4 1/4	46 3/4	61	23 5/8	116 1/4	49	19 1/4	14 1/4	33 5/8	234 1/4	III / VI
092A/3-	1,380	165 1/4	4 1/4	46 3/4	61	23 5/8	161 1/2	49	19 1/4	14 1/4	33 5/8	163 2/4	III / VI
092B/3-	1,554	200 3/4	4	46 3/4	61	23 5/8	196 3/4	49	19 1/4	14 1/4	33 5/8	198 3/4	III / VI
092C/3-	1,763	236 1/4	4 1/4	46 3/4	61	23 5/8	116 1/4	49	19 1/4	14 1/4	33 5/8	234 1/4	III / VI
052B/4-	708	177 1/4	4 3/4	35 1/4	37 1/2	15 3/4	87 1/8	34 4/9	13 3/8	8 1/2	0	87 1/8	I / IV
067B/4-	1,043	177 1/4	5 1/8	45	37 1/2	15 3/4	87 1/8	44 1/4	13 3/8	9	0	87 1/8	I / IV
082B/4-	1,893	267 3/4	4 3/8	46 5/8	61	23 5/8	131 7/8	49	19 1/4	14 1/8	33 5/8	265 3/4	III / VI
092B/4-	2,096	267 3/4	4 3/8	46 5/8	61	23 5/8	131 7/8	49	19 1/4	14 1/8	33 5/8	265 3/4	III / VI

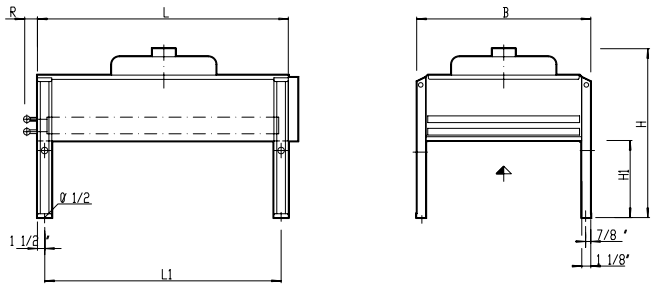
Dimensions: Double Row Fans

MODEL NO. MCH/V	UNIT DIMENSIONS												
	MCH							MCV					
	Net Weight lbs.	L inch	R inch	B inch	H inch	H1 inch	L1 inch	C inch	E inch	F inch	G inch	L1 inch	Construction Drawing
052A/2x2-	399	72 7/8	5 1/8	66 3/4	45 1/4	23 5/8	69 7/8	68	13 3/8	8 1/2	48 3/8	70 7/8	IA / VIII
052C/2x2-	457	104 3/8	5 1/8	66 3/4	45 1/4	23 5/8	101 3/8	68	13 3/8	8 1/2	48 3/8	102 3/8	IA / VIII
067A/2x2-	895	72 7/8	5 1/8	86 3/8	45 1/4	23 5/8	69 7/8	87 5/8	13 3/8	9	48 3/8	70 7/8	IA / VIII
067B/2x2-	996	88 5/8	5 1/8	86 3/8	45 1/4	23 5/8	85 5/8	87 5/8	13 3/8	9	48 3/8	86 5/8	IA / VIII
067C/2x2-	1,096	104 3/8	5 1/8	86 3/8	45 1/4	23 5/8	101 3/8	87 5/8	13 3/8	9	48 3/8	102 3/8	IA / VIII
082A/2x2-	1,527	110 1/4	4 1/4	94	61	23 5/8	106 1/4	96 1/4	19 1/4	14 1/4	47 1/4	108 1/4	VII / VIII
082B/2x2-	1,750	133 3/4	4 1/4	94	61	23 5/8	130	96 1/4	19 1/4	14 1/4	47 1/4	131 7/8	VII / VIII
082C/2x2-	1,955	157 1/2	4 1/4	94	61	23 5/8	153 1/2	96 1/4	19 1/4	14 1/4	47 1/4	155 1/2	VII / VIII
092A/2x2-	1,730	110 1/4	4 1/4	94	61	23 5/8	106 1/4	96 1/4	19 1/4	14 1/4	47 1/4	108 1/4	VII / VIII
092B/2x2-	1,953	133 3/4	4 1/4	94	61	23 5/8	130	96 1/4	19 1/4	14 1/4	47 1/4	131 7/8	VII / VIII
092C/2x2-	2,158	157 1/2	4 1/4	94	61	23 5/8	153 1/2	96 1/4	19 1/4	14 1/4	47 1/4	155 1/2	VII / VIII
052A/2x3-	708	109 1/4	5 1/8	66 3/4	45 1/4	23 5/8	106 1/4	68	13 3/8	8 1/2	48 1/2	107 1/4	IA / VIII
052C/2x3-	1,007	156 1/2	5 1/8	66 3/4	45 1/4	23 5/8	153 1/2	68	13 3/8	8 1/2	48 1/2	154 1/2	IA / VIII
067A/2x3-	1,248	109 1/4	5 1/8	86 3/8	45 1/4	23 5/8	106 1/4	87 5/8	13 3/8	9	48 1/2	107 1/4	IA / VIII
067B/2x3-	1,402	132 7/8	5 1/8	86 3/8	45 1/4	23 5/8	130	87 5/8	13 3/8	9	48 1/2	131	IA / VIII
067C/2x3-	1,572	156 1/2	5 1/8	86 3/8	45 1/4	23 5/8	153 1/2	87 5/8	13 3/8	9	48 1/2	154 1/2	IA / VIII
082A/2x3-	2,211	165 1/4	4 1/4	94	61	23 5/8	161 1/2	96 1/4	19 1/4	14 1/4	47 1/4	163 3/8	VII / VIII
082B/2x3-	2,610	200 3/4	5	94	61	23 5/8	98 1/2	96 1/4	19 1/4	14 1/4	47 1/4	198 3/4	VII / VIII
082C/2x3-	2,916	236 1/4	5	94	61	23 5/8	116 1/4	96 1/4	19 1/4	14 1/4	47 1/4	234 1/4	VII / VIII
092A/2x3-	2,515	165 1/4	4 1/4	94	61	23 5/8	161 1/2	96 1/4	19 1/4	14 1/4	47 1/4	163 3/8	VII / VIII
092B/2x3-	2,914	200 3/4	5	94	61	23 5/8	98 1/2	96 1/4	19 1/4	14 1/4	47 1/4	198 3/4	VII / VIII
092C/2x3-	3,220	236 1/4	5	94	61	23 5/8	116 1/4	96 1/4	19 1/4	14 1/4	47 1/4	234 1/4	VII / VIII
082A/2x4-	3,092	220 1/2	5 1/8	94	61	23 5/8	108 1/4	96 1/4	19 1/4	14 1/8	47 1/4	218 1/2	VII / VIII
082B/2x4-	3,559	267 3/4	6 3/4	94	61	23 5/8	131 7/8	96 1/4	19 1/4	14 1/8	47 1/4	265 3/4	VII / VIII
082C/2x4-	4,036	315	6 3/4	94	61	23 5/8	103 5/8	96 1/4	19 1/4	14 1/8	47 1/4	313	VII / VIII
082A/2x5-	3,868	275 5/8	6 3/4	94	61	23 5/8	90 1/2	96 1/4	19 1/4	14 1/8	47 1/4	273 1/2	VII / VIII
082B/2x5-	4,452	334 5/8	6 3/4	94	61	23 5/8	110	96 1/4	19 1/4	14 1/8	47 1/4	332 3/4	VII / VIII
082C/2x5-	4,985	393 3/4	6 3/4	94	61	23 5/8	130	96 1/4	19 1/4	14 1/8	47 1/4	391 3/4	VII / VIII
082A/2x6-	4,604	330 3/4	6 3/4	94	61	23 5/8	109	96 1/4	19 1/4	14 1/8	47 1/4	163 3/8	VII / VIII
082B/2x6-	5,312	401 5/8	6 3/4	94	61	23 5/8	132 1/2	96 1/4	19 1/4	14 1/8	47 1/4	198 3/4	VII / VIII
082C/2x6-	5,953	472 1/2	6 3/4	94	61	23 5/8	156	96 1/4	19 1/4	14 1/8	47 1/4	234 1/4	VII / VIII
092A/2x4-	3,498	220 1/2	5	94	61	23 5/8	108 1/2	96 1/4	19 1/4	14 1/8	47 1/4	218 1/2	VII / VIII
092B/2x4-	3,965	267 3/4	6 3/4	94	61	23 5/8	132	96 1/4	19 1/4	14 1/8	47 1/4	265 3/4	VII / VIII
092C/2x4-	4,441	315	6 3/4	94	61	23 5/8	103 1/2	96 1/4	19 1/4	14 1/8	47 1/4	313	VII / VIII
092A/2x5-	4,375	275 5/8	6 3/4	94	61	23 5/8	90 1/2	96 1/4	19 1/4	14 1/8	47 1/4	273 5/8	VII / VIII
092B/2x5-	4,959	334 5/8	6 3/4	94	61	23 5/8	110	96 1/4	19 1/4	14 1/8	47 1/4	332 3/4	VII / VIII
092C/2x5-	5,492	393 3/4	6 3/4	94	61	23 5/8	130	96 1/4	19 1/4	14 1/8	47 1/4	391 3/4	VII / VIII
092A/2x6-	5,212	330 3/4	6 3/4	94	61	23 5/8	109	96 1/4	19 1/4	14 1/8	47 1/4	163 3/8	VII / VIII
092B/2x6-	5,920	401 5/8	6 3/4	94	61	23 5/8	132 1/2	96 1/4	19 1/4	14 1/8	47 1/4	198 3/4	VII / VIII
092C/2x6-	6,561	472 1/2	6 3/4	94	61	23 5/8	156	96 1/4	19 1/4	14 1/8	47 1/4	234 1/4	VII / VIII

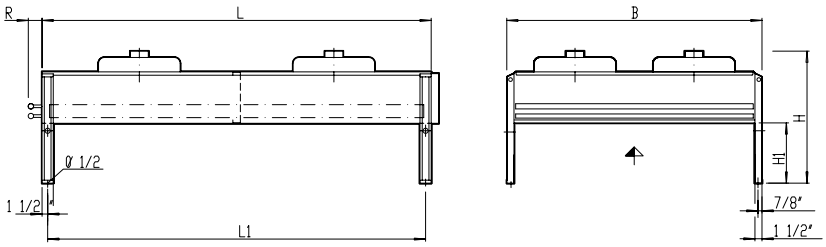
Dimension Drawings

DRAWINGS FOR ALL MODELS

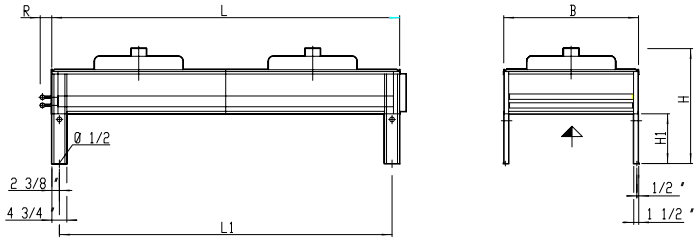
I



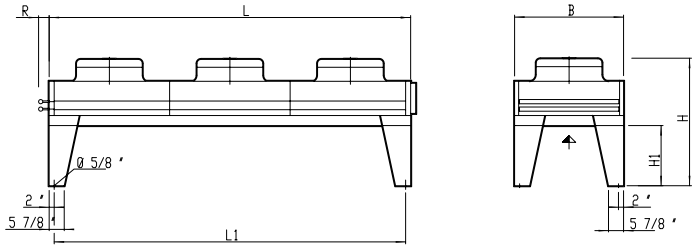
IA



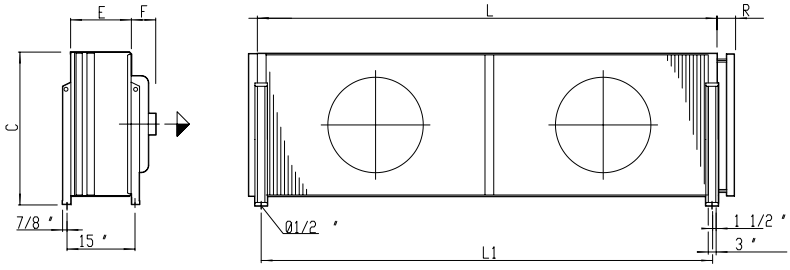
II



III

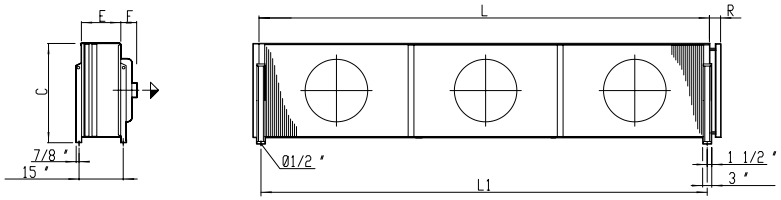


IV

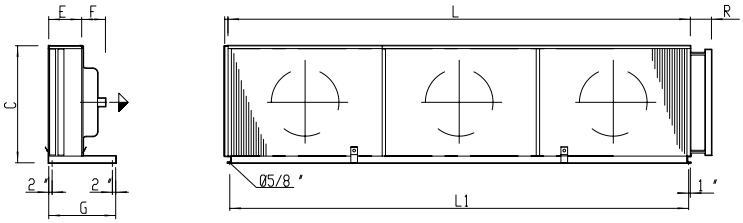


DRAWINGS FOR ALL MODELS

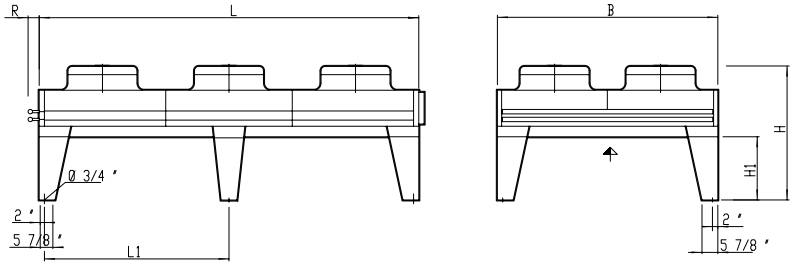
V



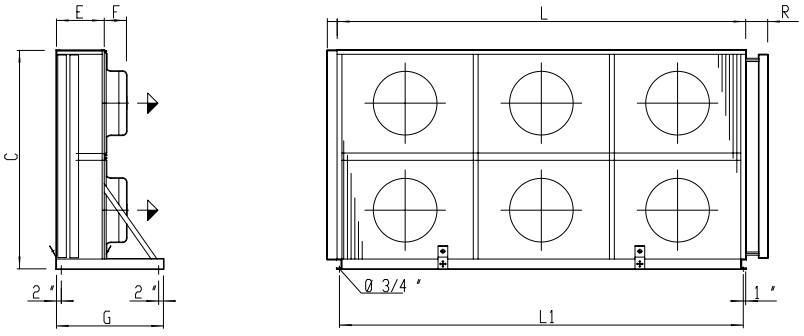
VI



VII



VIII



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