



**UNITED
TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

BULLETIN: CA- SB-19-C-63-15
DATE: 9/12/63
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SERVICE BULLETIN

SUBJECT:

RIGGING WEIGHTS, MACHINE COMPONENTS, 19C

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PURPOSE

To transmit a list of machine component weights for the
19C compressor, cooler, and condenser.



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Approximate Rigging Weights (lb)

19C Compressor Components

Comp. Size	Suction Elbow	Inlet Venturi	Intake Wall	Diaphragm	Discharge Volute	Impellers		Motor End Bell	Economizer Gas Loop
						1st Stage	2nd Stage		
19C3	300	450	724	665	1700	70	67	165	55
19C4	330	450	692	626	1860	76	69	180	55
19C5	330	500	705	774	2100	97	77	190	55
19C6	350	573	1098	985	1930	110	100	190	-
19C7	370	650	1105	1200	2700	116	101	225	-
19C8	380	725	1170	1250	3200	127	104	445	-

19Q Cooler

Cooler Size	Water Box Cover*	Float Chamber Cover	Cooler Size	Water Box Cover*	Float Chamber Cover
19Q1	160	100	19Q12	360	100
19Q2	160	100	19Q13	360	100
19Q3	160	100	19Q14	360	100
19Q4	160	100	19Q15	360	100
19Q5	160	100	19Q16	635	100
19Q6	160	100	19Q17	635	100
19Q7	160	100	19Q18	860	100
19Q8	160	100	19Q19	935	135
19Q9	210	100	19Q20	1230	135
19Q91	210	100	19Q21	1850	135
19Q10	210	100	19Q22	1850	135
19Q11	285	100	19Q22	1850	175
19Q111	285	100	(R114) 19Q23	1850	175

19R Condenser

Condenser Size	Water Box Cover*	Condenser Size	Water Box Cover*
19R1	140	19R13	420
19R2	140	19R14	600
19R3	140	19R15	600
19R4	140	19R16	830
19R5	185	19R17	830
19R6	185	19R18	1110
19R7	185	19R19	1110
19R8	235	19R20	1700
19R9	320	19R21	2020
19R10	320	19R22	2020
19R11	420	19R24	3085
19R12	420		

*Weights given are for standard 150 lb fabricated steel covers. For high pressure covers, multiply the standard 150 lb cover weight by the square root of the higher design pressure and divide by 22.5.



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19C Motor Weights (lb)

Motor Size	Voltage	Stator	Rotor*	Motor Size	Voltage	Stator	Rotor*
A&AA	208- 550	600	495	N	208-2300	1930	970
	2300-4800	595	820		4160-4800	2030	1000
B	208- 550	720	510	P	208-2300	2040	1000
	2300-4800	930	615		4160-4800	2390	1420
C	208- 550	730	520	Q	208- 550	2250	1035
	2300-4800	1020	635		2300	2400	1420
					4160-4800	2570	1470
D	208- 550	850	550	R	208-2300	2590	1470
	2300-4800	1120	655		4160-4800	2670	1510
E	208- 550	960	595	S	208-4800	2830	1540
	2300-4800	1210	675				
F	208- 550	980	605	T	208-4800	3060	1600
	2300-4800	1310	695				
G	208- 550	1130	635	U	208-2300	3300	1670
	2300	1300	780		4160-4800	3380	1670
	4160-4800	1500	810				
H	208-550	1140	655	V	208-2300	3600	2130
	2300	1300	790		4160-4800	3750	2130
	4160-4800	1640	845				
J	208-550	1210	665	W	208-2300	3950	2210
	2300	1580	850		4160-4800	4050	2210
	4160-4800						
K	208- 550	1330	700	X	208-2300	4300	2280
	2300	1660	870		4160-4800	4400	2280
	4160-4800	1790	890	Y	208-2300	4800	2450
MM	208-550	1580	875	Z	550	4940	2460
	2300	1700	920		2300	5020	2460
	4160-4800	1980	940	4160-4800	5150	2460	
M	208- 550	1700	900	XX	208- 550	5600	2600
	2300	1840	945		2300	5780	2600
	4160-4800	1980	960	4160-4800	5830	2680	

*Weight includes rotor and shaft assembly.