



**UNITED  
TECHNOLOGIES  
CARRIER**

**Commercial Division**  
Carrier Corporation

BULLETIN: CA-SB-19-E-80-94  
DATE: 1/15/80  
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## SERVICE BULLETIN

SUBJECT: RIGGING WEIGHTS  
19E SERIES MACHINE COMPONENTS

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### PURPOSE

To transmit the attached rigging weight tables for 19E Series machine components.

### MACHINES INCLUDED

19EA and 19EB Series.

### INFORMATION

Compressor weights listed may vary  $\pm 5\%$ , depending upon the casting process.



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Table 1. Compressor Component Weights (lb)

Compressor Size	Suction Elbow	Compressor Housing		Intake Wall	Impellers	Diaphragm	Discharge Wall
		Top	Bottom				
4, 41, 11-49	430	550	765	50	6	50	80
5, 51, 51-89	760	875	1250	90	12	100	100

Table 2. Compressor and Motor Component Weights (lb)

Compressor Size	Motor Size	Compressor-Motor*	Stator	Stator & Housing	Rotor & Shaft
4, 41, 11-49	D1, DA	3500	615	1045	250
	D2, DB	3685	695	1170	315
	D3, DC	3695	705	1180	315
	D4, DD	3715	720	1195	320
	D5, DE	3820	810	1285	335
	D6, DF	3830	815	1290	340
	D7, DG	3830	815	1920	340
	D8, DH	3920	890	1365	355
	D9, DJ	3960	920	1395	365
5, 51, 51-89	D6, DF	5350	815	1290	365
	D7, DG	5360	815	1290	370
	D8, DH	5450	890	1365	385
	D9, DJ	5490	921	1395	395
	D10, DK	5525	950	1425	400
	D11, DL	5960	1180	1800	460
	D12, DM	6035	1240	1860	480
	D13, DN	6115	1300	1920	495
D14, DP	6155	1335	1955	500	

\*Includes low voltage, 60 Hz motor and suction elbow.



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Table 3. Compressor\* & High Voltage, 60 Hz Motor\*\*  
Component Weights (lb)

Compressor Size	Motor Size	Compressor	Stator	Stator & Housing	Rotor & Shaft
4, 41, 11-49	HD1,DA	3600	610	1085	275
	HD2,OB	3620	645	1120	300
	HD3,DC	3680	690	1165	315
	HD4,DD	3700	710	1185	320
	HD5,DE	3735	735	1210	325
	HD6,DF	3805	795	1270	335
	HD7,DG	3850	825	1300	350
	HD8,DH	3885	860	1335	355
	HD9,DJ	3930	890	1365	365
5, 51, 51-89	HD6,DF	5335	795	1270	365
	HD7,DG	5375	825	1300	375
	HD8,DH	5415	860	1335	385
	HD9,DJ	5460	890	1365	395
	HD10,DK	5965	1175	1795	475
	HD11,DL	6075	1265	1885	490
	HD12,DM	6200	1360	1985	515
	HD13,DN	6260	1405	2025	535
HD14,DP	6390	1510	2130	560	
HD14.6,DQ	6420	1525	2145	475	

\*Includes suction elbow.

\*\*2400 and 4160 volts.

Table 4. Unishell-Utility Vessel Component Weights (lb)

Unishell Size	Water Box Covers (Each)				Utility Vessel Float Box Covers (Each)
	Cooler		Condenser		
	150 psi	250 psi	150 psi	250 psi	
41,71					180
42,72	115	145	155	200	180
43,73					180
45,75	170	250	230	300	180
46,76					180
47,77	195	250	260	300	180
51,81					390
52,82	250	280	340	400	390
53,83	250	280	340	400	390
55,85	260	330	470	590	390
57,87	260	330	470	590	390
59,89	350	460	580	730	390

The oil reservoir cover and pump assembly weighs 175 lb.