



**UNITED  
TECHNOLOGIES  
CARRIER**

Commercial Division  
Carrier Corporation

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## SERVICE BULLETIN

SUBJECT: **RIGGING WEIGHTS  
19D SERIES MACHINE COMPONENTS**

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### PURPOSE

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

### MACHINES INCLUDED

19D, DA, DG, and DH machines.

### INFORMATION

See table notes.



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Table 1. 19D Series Compressor Assembly & Component Weights (lb)

Compressor Size	Compr. Assy.* (Less Motor)		Suction Elbow	Inlet Venturi	Disch. Volute	Impeller	Trans. Housing	Lube Package		
	19D-DA	19DG† 19DH††							19D 19DA, DG, DH	
1	10-29	12-38	1225	1460	100	180	375	10	140	110
2	30-49	42-68	2130	2060	175	200	450	20	180	110
3	50-69	72-98	2940	2910	220	240	600	40	225	120

†19DG or DH compressor with 19DG machine model number.  
††19DH compressor with DH machine model number.

\*Compressor weights may vary ± 5%, depending upon casting process.  
For total compressor weight, add applicable motor weights, Table 2.

Table 2. Low Voltage Motor & Component Weights (lb)

Motor Size	19D-DA Compressor				19DG-DH Compressor			
	Stator & Shell	Rotor & Shaft	End Bell	Total	Stator & Shell	Rotor & Shaft	End Bell	Total
A2,AA	340	110		515	340	110		520
A3,AB	345	115		525	345	115		530
A4,AC	355	120	65	540	350	120	70	540
A5,AD	385	130		580	380	130		580
A6,AE	405	140		610	400	140		610
C1,CA	590	170		850	660	170		920
C2,CB	635	185		910	680	170		940
C3,CC	650	190		930	710	180		980
C4,CD	725	215		1030	740	190		1020
C5,CE	825	245	90	1160	770	200	90	1060
C6,CL	870	260		1220	800	210		1100
C7,CM	915	275		1280	820	220		1130
C8,CN	980	290		1360	870	230		1190
C9,CP	1010	300		1400	890	230		1210
CQ	-	-	-	-	910	240		1240

NOTE: To calculate the weight of high voltage motors (above 600 V): Add 200 lb to total weight of Sizes CA(C1) thru CD(C4). Add 150 lb to total weight of Sizes CE(C5) thru CP(C9) and CQ.

Table 3. Water Box Cover Weights (Blank Cover)

Unishell Size	Each Cover (lb)					
	Cooler			Condenser		
	19D, DA	19DG	19DH	19D, DA	19DG	19DH
11-17, 41-47	70	55	-	70	55	-
42-46	-	-	55	-	-	55
50	-	75	75	-	75	75
21-27, 51-57	85	75	75	85	75	75
31-35, 61-65	200	125	125	200	130	130
66	-	140	-	-	130	-
37-39, 67-69	200	140	-	200	130	-
71-73	-	-	140	-	-	130
76-78	-	115	115	-	155	155