



CAPACITOR ORTHO VIEW

1. ELECTRICAL RATINGS / PHYSICAL DIMENSIONS:

- A. SEE SHEET 3 FOR ELECTRICAL RATINGS AND PHYSICAL SIZE INFORMATION.
- B. SIDES OF ALL CAPACITORS SHALL BE STRAIGHT, NO BULGES OR CRIMP. MUST HAVE UNIFORM RADII ENTIRE LENGTH OF CAN.
- C. CAPACITORS SHALL BE RATED FOR CONTINUOUS DUTY.
- D. ALL CAPACITORS SHALL BE RATED FOR 50 HZ AND 60 HZ.
- E. ALL CAPACITORS SHALL HAVE AN AFC RATING OF 5,000 A OR HIGHER.
- F. DIMENSIONAL TOLERANCES:
 - I. A +/- 0.03 IN.
 - II. B + 0.08 IN. / - 0.05 IN.
 - III. C DIMENSION SHOWN IS A MAXIMUM DIMENSION. ANY VALUE LESS THAN THE DIMENSION SHOWN, OR UP TO +0.05 IN. GREATER IS ACCEPTABLE.

2. CASE MATERIAL - THE CASE MATERIAL SHALL BE ONE OF THE FOLLOWING:

- A. PAINTED OR UNPAINTED ALUMINUM
- B. PAINTED STEEL (MUST HAVE A CORROSION PROTECTION SYSTEM COMPLYING WITH UL810)
- C. POLYMERIC (MATERIAL MUST BE EVALUATED AS COMPLYING WITH UL810)

3. AGENCY CERTIFICATION - CAPACITORS SHALL COMPLY WITH THE CYWT2 TEST PROGRAM OF UL810. A COPY OF THE UL REPORT SHALL BE PROVIDED TO RHEEM BY THE CAPACITOR MANUFACTURER.

4. ELECTRICAL CONNECTIONS - CAPACITORS SHALL BE PROVIDED WITH FOUR 1/4 IN. QUICK CONNECT TERMINALS AT THE COMPRESSOR AND COMMON TERMINALS, AND TWO 1/4 IN. QUICK CONNECT TERMINALS AT THE FAN TERMINAL.

5. MARKINGS - CAPACITORS SHALL BE MARKED WITH THE FOLLOWING INFORMATION:

- A. MANUFACTURER'S NAME
- B. MANUFACTURER'S PART NUMBER
- C. COUNTRY OF ORIGIN
- D. PROTECH LOGO
- E. UL RECOGNITION MARK
- F. RHEEM PART NUMBER
- G. NO PCB'S
- H. MICROFARAD RATING
- I. VOLTAGE RATING
- J. FAULT CURRENT RATING
- K. THE TERMINALS SHALL BE MARKED TO IDENTIFY THE FOLLOWING ELECTRICAL CONNECTIONS:
 - I. COMMON
 - II. FAN
 - III. COMPRESSOR (HERMETIC)

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			<p>14</p>	<p>3.875 WAS 4.130 FOR -02; 3.875 WAS 4.750 FOR -30; 3.940 WAS 4.250 FOR -16, REDRAWN IN PRO-E DGR</p>	<p>05-14-2012</p>
	<p>NO REVISION TO DESIGN, MATERIAL, TOOLING, OR PROCESS IS ACCEPTABLE WITHOUT PRIOR APPROVAL FROM RHEEM THROUGH A REVISED ENGINEERING SPECIFICATION AND A RESAMPLING OF PARTS. THE SUPPLIER IS RESPONSIBLE FOR NOTIFYING RHEEM PARTS DIVISION IN WRITING OF ANY CHANGES AFFECTING PRODUCT QUALITY, PERFORMANCE, RELIABILITY, PACKAGING, DELIVERY OR WORKMANSHIP. ANY DOCUMENTS REFERRED TO ON THIS DRAWING ARE INCLUDED IN THE SPECIFICATIONS FOR THIS COMPONENT.</p>				

 <p>Replacement Parts Division</p>	<p>MODELED BY DGR 09-01-2015</p> <p>APPROVED BY ESP 09-01-2015</p>	<p>NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED</p>	<p>PART NO. SHEET 1 of 3 REV</p> <p style="font-size: 24pt; font-weight: bold;">43-25133-XX - 15</p>
	<p style="font-size: 24pt; font-weight: bold;">PROTECH CAPACITORS DUAL ROUND</p>		

5. 標誌-電容器上應標有以下內容
 - a. 製造廠商名稱
 - b. 製造廠商的產品號碼
 - c. 製造國
 - d. PROTECH 的標誌
 - e. UL 認可字樣
 - f. Rheem 的產品號碼
 - g. 不能有 PCB 存在 (PCB是種化學物品)
 - h. 電容量率
 - i. 電壓率
 - j. 如果產生短路時的電壓率
 - k. 電極接頭上必須能辯別出以下的連 報端
 - a. 公共用
 - b. 風扇用
 - c. 壓縮機用(密封)

6. Packaging Requirements (Inbound Packaging to Rheem);
 - a. Weight per case shall not exceed 30 lbs [13.6 kg]
 - b. Part number and quantity shall be clearly marked on each case.
 - c. Each case shall contain uniform quantities.
 - d. Cases of same part numbers shall be shipped together.
 - e. If the parts are individually boxed, boxes shall be plain white paperboard with minimum thickness 0.025 in. [0.61 mm].
 - f. If individual boxes are not provided, dividers shall be placed between parts to prevent damage.

- a. 每一個箱子重量不可超過30磅(13.6公斤)
- b. 產品貨名 , 號碼及包裝數量應清楚標示在每一個箱子外面
- c. 每一個箱子應有相同數量的產品 在箱內
- d. 相同的產品應包裝在同一個箱子內
- e. 如果產品是獨立包裝 , 包裝盒應是白色 的硬紙板 , 厚度約 0.025 吋(0.61公厘)
- f. 如果沒有獨立包裝 , 產品中間應要有分隔物 , 以免貨物受損

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	PROTECH CAPACITORS DUAL ROUND			PART NO. 43-25133-XX	SHEET 2 of 3

DATA TABLE:

PART NUMBER	CAPACITANCE (1) (uF)	CAPACITANCE (2) (uF)	VOLTAGE (VAC)	DIMENSION A (IN.)	DIMENSION B (IN.)	DIMENSION C (IN.)
43-25133-01	25	3	370	2.000	2.120	3.640
43-25133-02	30	3	370	2.000	2.120	3.875
43-25133-03	35	3	370	2.000	2.120	4.130
43-25133-04	40	3	370	2.000	2.120	4.000
43-25133-05	45	3	370	2.500	2.620	3.640
43-25133-06	45	5	370	2.000	2.120	3.875
43-25133-07	50	3	370	2.500	2.620	3.350
43-25133-08	55	5	370	2.500	2.620	3.480
43-25133-09	60	3	370	2.500	2.620	3.750
43-25133-10	60	5	370	2.500	2.620	3.750
43-25133-11	35	3	440	2.500	2.620	3.640
43-25133-12	35	5	440	2.500	2.620	4.750
43-25133-13	40	3	440	2.500	2.620	3.750
43-25133-14	40	5	440	2.500	2.620	3.640
43-25133-15	45	3	440	2.500	2.620	4.250
43-25133-16	45	5	440	2.500	2.620	3.940
43-25133-17	55	5	440	2.500	2.620	4.200
43-25133-18	20	3	370	2.000	2.120	2.880
43-25133-19	25	5	370	2.000	2.120	3.156
43-25133-20	30	3	440	2.500	2.620	4.200
43-25133-21	30	5	370	2.000	2.120	3.350
43-25133-22	40	5	370	2.500	2.620	3.640
43-25133-23	40	10	440	2.500	2.620	3.750
43-25133-24	45	10	440	2.500	2.620	4.330
43-25133-25	50	5	370	2.500	2.620	3.640
43-25133-26	50	5	440	2.500	2.620	3.940
43-25133-27	50	10	370	2.500	2.620	3.940
43-25133-28	55	3	370	2.500	2.620	4.000
43-25133-29	55	10	370	2.500	2.620	3.750
43-25133-30	60	5	440	2.500	2.620	3.875
43-25133-31	60	10	370	2.500	2.620	3.750
43-25133-32	70	5	370	2.500	2.620	4.130
43-25133-33	80	5	370	2.500	2.620	4.350
43-25133-34	80	10	370	2.500	2.620	3.940
43-25133-35	35	5	370	2.000	2.120	3.875
43-25133-36	30	5	440	2.000	2.120	3.940
43-25133-37	60	10	440	2.500	2.620	3.940
43-25133-38	50	7.5	370	2.500	2.620	4.920
43-25133-39	55	7.5	370	2.500	2.620	3.940
43-25133-40	35	7.5	440	2.000	2.120	4.330
43-25133-41	30	7.5	370	2.000	2.120	4.330
43-25133-42	35	7.5	370	2.000	2.120	4.330
43-25133-43	45	10	370	2.500	2.620	3.940
43-25133-44	40	5	370	2.000	2.120	4.330

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