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REVISION: C

| MODEL NO.        | MOTOR                                            | RPM  |      | AMPS    |         | HP  | KW   | NET WT. |     | CAPACITOR |      |
|------------------|--------------------------------------------------|------|------|---------|---------|-----|------|---------|-----|-----------|------|
|                  |                                                  | 60HZ | 50HZ | 60HZ    | 50HZ    |     |      | lbs.    | kg  | mfd.      | VOLT |
| 87R637-101-N470X | 115-120/230-240 (60HZ)<br>110-120/220-240 (50HZ) | 1725 | 1425 | 5.5/2.8 | 4.7/2.5 | 1/2 | 0.37 | 19.1    | 8.6 | 30        | 370  |

NOTES:-

- NOTES:
1. TECHNICAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.
  2. THIS PUMP MUST BE INSTALLED IN AN ENCLOSURE.
  3. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
  4. KIT P/N: K964.
  5. REDUCED BEARING LIFE FOR 50 PSI OR GREATER CONTINUOUS OPERATION.

The figure contains two graphs side-by-side, both showing flow (m³/h scm) on the y-axis versus vacuum on the x-axis. The y-axis for both graphs ranges from 0 to 10. The x-axis for the left graph ranges from 0 to 140 mbar, and for the right graph, it ranges from 0 to 30 mmHg. Both graphs show a solid line for 50 m³/h and a dashed line for 10 m³/h. The flow decreases as vacuum increases.

| Vacuum (mbar) | Vacuum (mmHg) | Flow (m³/h scm) - 50 m³/h | Flow (m³/h scm) - 10 m³/h |
|---------------|---------------|---------------------------|---------------------------|
| 0             | 0             | 6.5                       | 5.5                       |
| 20            | 2             | 5.5                       | 4.8                       |
| 40            | 4             | 4.8                       | 4.2                       |
| 60            | 6             | 4.2                       | 3.8                       |
| 80            | 8             | 3.8                       | 3.4                       |
| 100           | 10            | 3.4                       | 3.0                       |
| 120           | 12            | 3.0                       | 2.8                       |
| 140           | 14            | 2.8                       | 2.6                       |

WIRING DIAGRAM

| 115V   |      | 230V          |      |
|--------|------|---------------|------|
| BRN    | CAP  | BRN           | CAP  |
| YELLOW |      | YELLOW        |      |
| WHT    | LINE | WHT           | LINE |
| BLK    |      | BLU           | LINE |
| BLU    | LINE | BLK           |      |
| ORG    |      | RED           |      |
| RED    |      | ORG-INSULATED |      |

CAPACITOR MOUNTING KIT  
TO BE SHIPPED UNATTACHED



CAPACITOR TO BE SHIPPED UNATTACHED

