



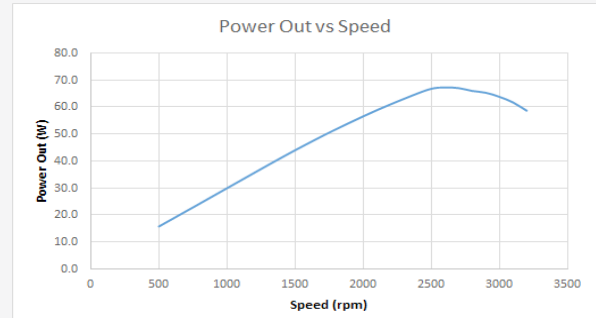
UNADA COMMUTATED  
EC MOTOR

Walk-In-Coolers | Evaporations  
Condensers | Ventilation

DATASHEET  
UC1 and UC+ Agitator Motor



### PERFORMANCE - UC1 AGITATOR MOTOR



### PERFORMANCE - UC+ AGITATOR MOTOR



### SPECIFICATION - UC1 AGITATOR MOTOR

|                       |                                  |
|-----------------------|----------------------------------|
| Rated voltage         | 120 / 230Vac (+/-10%), 50/60Hz   |
| Temperature range     | -30°C to +50°C                   |
| Rated current         | 0.9 / 0.6A                       |
| Efficiency            | ≤ 75%                            |
| Output power          | 50W (1/15hp)@1550 rpm            |
| Rated speed           | 400 to 2400rpm (+/-1%)           |
| Speed selection       | 3 discrete programmable speeds.  |
| Direction of rotation | CCW, CW, reversible              |
| Reverse Speed         | Timed reverse options available. |
| Motor Protection      | Electronic Protected (EP)        |
| Ground Protection     | Earth wire provided              |
| Insulation Class      | Class B                          |
| Shaft Diameters       | 8mm (D-Flat)                     |
| Bearing               | 608 /6201 sealed ball bearings   |
| Approvals             | UL / TÜV / CE / RCM / CCC        |
| Ingress protection    | IP55                             |

### SPECIFICATION - UC+ AGITATOR MOTOR

|                            |                                  |
|----------------------------|----------------------------------|
| Rated voltage              | 120 / 230Vac (+/-10%), 50/60Hz   |
| Temperature range          | -40°C to +50°C                   |
| Rated current              | 0.40 / 0.25A                     |
| Efficiency                 | ≤ 70%                            |
| Output power               | 0-25W                            |
| Rated speed                | 400 to 2300rpm (+/-1%)           |
| Speed selection            | 3 discrete programmable speeds.  |
| Direction of rotation      | CCW, CW, reversible              |
| Reverse Speed              | Timed reverse options available. |
| Motor Protection           | Thermally Protected (TP)         |
| Ground Protection          | Double Insulation                |
| Insulation Class           | Class B                          |
| Bearing                    | 608 sealed ball bearings         |
| Approvals                  | UL / TÜV / CE / RCM / CCC        |
| Ingress protection         | IP55/IP66 *                      |
| Hydrocarbon Compatibility* | EN60335-2-89 ANNEX BB/ATEX       |

\*Option on request : Please discuss with our representative.