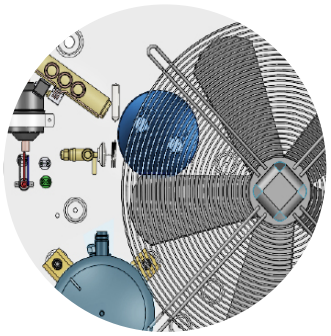
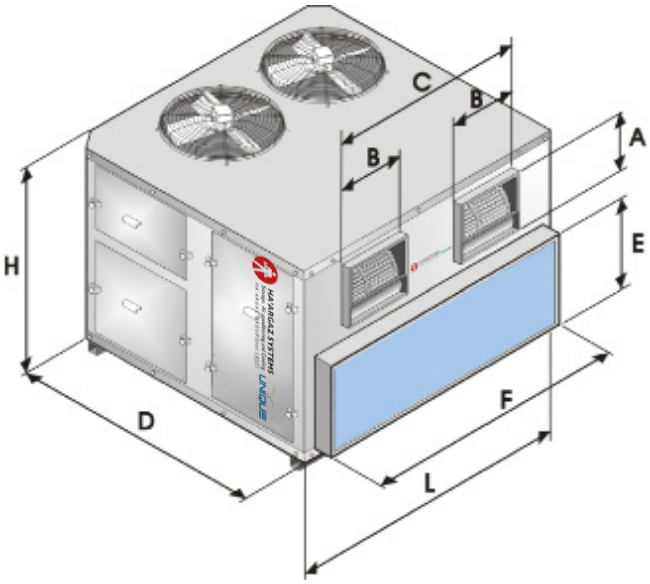
# Model CUP170

## PERFORMANCE

| | | |
|---|---|---|
| Cooling Capacity [1] | Btu/h | 168000 |
| | Watt | 49224 |
| Heating Capacity [2] | Btu/h | 171780 |
| | Watt | 50350 |
| Power Consumption - Cooling / Heating | Watt | 16345/15285 |
| Operating Current - Cooling / Heating [3] | Amp | 37.8/34.1 |
| C.O.P - Cooling / Heating | | 3/3.32 |
| Power Supply | V/Ph/Hz | 400V, 3Ph, 50Hz |
| Time Delay Fuse | Amp | 3x50-C |



R410A




## TECHNICAL DATA

| GENERAL | | | |
|---|---|---|---|
| Dimensions | LxDxH | mm | 2200x1700x1600 |
| | A,B,C,E,F | mm | 345,400,1114,635,1435 |
| Condensate Lines - Drain | | Φ-mm (in) | 28 (1-1/8'') |
| Net Weight | | kg | 505 |

| EVAPORATOR SIDE | | | |
|---|---|---|---|
| Air flow (at high speed) | | cfm ($m^3$/h) | 5600 (9520) |
| High Fan Speed (No. Speeds) | | R.P.M | 900 (1) |
| Net Static Pressure [4] | | mm $H_2O$ | 6 |
| Fan Type and Model | | | Centrifugal DD12-12 736W |
| Evaporator Coil | Face Area | ft²/m² | 11.06/1.02 |
| | Tube Diameter | mm | 7 |
| | Rows Deep [5] | | 4 |
| | Fins Spacing | Per Inch | 12 |

| CONDENSER SIDE | | | |
|---|---|---|---|
| Air flow (at high speed) | | cfm ($m^3$/h) | 12000 (20400) |
| No. / Axial Fan Diameter | | mm | 2/630 |
| Speed | | R.P.M | 900 |
| Condenser Coil | Face Area | ft²/m² | 23.6/2.19 |
| | Tube Diameter | mm | 7 |
| | Rows Deep | | 3 |
| | Fins Spacing | Per Inch | 12 |

NOTES:
1. Nominal cooling capacity based on indoor air temp. 27°C DB/19°C WB and outdoor air temp. 35°C DB/24°C WB.
2. Nominal heating capacity based on indoor air temp. 20°C DB and outdoor air temp. 7°C DB/6°C WB.
3. Operating current measured at the most loaded phase.
4. Net static pressure available at fan discharge at nominal capacity.
5. 6 Rows deep is available on special order.