

CC20

IN BRIEF

The CC20 is an air driven fan developed for use in a variety of applications. The CC20 can be fitted with optional misting arrangements to suit any application.



KEY POINTS

- 1 Air Driven Axial Fan Design
- 2 Can be used for misting/dust suppression applications
- 3 Fixed Pitch Cast Impellers
- 4 Single Stage Operation
- 5 Flow Rates from 6m³/s to 0.7m³/s
- 6 Pressures from 500Pa to 1.7kPa
- 7 Air Consumption 154CFM @ 70PSI Max

SPECIFICATIONS

| DESCRIPTION | FAN SPEED | STAGES | PEAK PRESSURE | MAX VOLUME | BLADE ANGLES | MOTOR SIZE |
|---------------------|-----------|--------|---------------|--------------------|--------------|------------|
| CC20 Air Driven Fan | - | 1 | 1.75kPa | 6m ³ /s | Fixed | N/A |

| IMPELLER SPECIFICATIONS | DESCRIPTION |
|-------------------------|---|
| Impeller Material | AC601 Aluminium Alloy |
| Design | Fixed Pitch |
| Casting Method | Sand Casting |
| Finish | Bare Aluminium, Epoxy Coatings on Request |

| FAN SPECIFICATIONS | DESCRIPTION |
|--------------------|---|
| Fan Design | Single Stage |
| Fan Stages | Single Stage Configuration |
| Motor Power | Air Driven |
| Internal Diameter | 507mm |
| Casing Thickness | 3mm |
| Casing Finish | HD Galvanising, Paint Finish on Request |
| Flange OD | 579mm |
| Hole PCD | 546mm |
| Number of Holes | 3 |
| Hole Size | 17mm |
| Hole Orientation | Offset from Top Dead Center |
| Lifting Mechanism | Single Point |
| Serial Numbering | Laser Cut Stainless Steel Plates |
| Air Requirements | 154CFM @ 70 PSI |

| MOTOR SPECIFICATIONS | DESCRIPTION |
|----------------------|-----------------------------|
| Type | Compressed Air Driven Motor |
| Max Consumption | 154CFM @ 70PSI |
| Bearings | Sealed Bearings |
| Speed | Variable |