

AZEN MANCOOLERS

GENERAL SPECIFICATION AND CONSTRUCTION:

Standard Material & Finish

- Impellers: Fully adjustable aerofoil blade impellers in various alternative blade and hub arrangements to maximise air performance choice. Blade angles are factory set but can be customer adjusted.
- Blades: Pressure die cast aluminium; natural finish.
- Hubs: die cast aluminium alloy. All hub parts have natural finish as standard.
- Casings: Heavy gauge, mild steel sheet, roll formed and welded; hot dipped galvanised.
- Motors: Industry proven, foot mounted, TENV/TEFC motor to IP55 protection. Electrical inputs 415V - 3Ph and 50Hz. Standard industrial paint finish.
- Mancooler comes complete with external terminal box, inlet guard and standard nameplate.

Single-Stage-Single-Cone

(Picture serves as a visual concept.
Actual design may varies)

Fan Model : SSC-19S5/25
Motor Pwr : 3.7 kW, 2-Pole,
415v-3Ph-50Hz
Motor Type : TECO Brand, IP55,
Class F



Double-Stage-Single-Cone

(Picture serves as a visual concept.
Actual design may varies)

Fan Model : DSC-19S5/25
Motor Pwr : 3.7 kW, 2-Pole,
415v-3Ph-50Hz
Motor Type : TECO Brand, IP55,
Class F



Single-Stage-Multi-Cone



(Picture serves as a visual concept.
Actual design may varies)

Fan Model : SMC-19S5/25
Motor Pwr : 3.7 kW, 2-Pole,
415v-3Ph-50Hz
Motor Type : TECO Brand, IP55,
Class F

Double-Stage-Multi-Cone



(Picture serves as a visual concept.
Actual design may varies)

Fan Model : DMC-19S5
Motor Pwr : 3.7 kW, 2-Pole,
415v-3Ph-50Hz
Motor Type : TECO Brand, IP55,
Class F

Single-Stage-Multi-Cone

(Picture serves as a visual concept.
Actual design may varies)

Fan Model : SMC/7-40M9/25
Motor Pwr : 7.5 kW, 4-Pole,
415v-3Ph-50Hz
Motor Type : TECO Brand, IP55,
Explosion Proof



Single-Stage-Multi-Cone

(Picture serves as a visual concept.
Actual design may varies)

Fan Model : SMC/7-40M9/25
Motor Pwr : 7.5 kW, 4-Pole,
415v-3Ph-50Hz
Motor Type : TECO Brand, IP55,
Explosion Proof



OPTIONAL ACCESSORIES

Matching Flanges

Fit directly to fan casing mounting flange to provide a coupling for a Flexible Collar, or an alternative fixing for any other matched interconnection e.g. customer's ducting. Supplied individually less fixings.

Material & Finish; Steel, hot dipped galvanised.

Mounting Feet

For free standing support. Mounts directly to casing flange.

Supplied individually, less fixings.

Material & Finish; Steel, hot dipped galvanised.

Anti Spark Construction

Fan applications may involve the handling of potentially explosive or flammable particles, fumes or vapors. Such applications require careful consideration by the system designer to insure the safe handling of such gases.



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