

Induced draught fans & industrial ventilation

TECHNICAL ENQUIRY | Complete available information. Use N/A where not applicable; attach drawings and specifications. Requirements are subject to technical review and agreement.

PROJECT & CONTACT

Company / organisation

Contact name

Contact email

Project reference / equipment tag

Preferred series / model, if known

Installation country and site

Quantity

Required delivery date and destination

PROCESS & AERODYNAMIC DUTY

Application: boiler ID / FD fan, process exhaust, ventilation or other

Required flow (m³/h): actual or normal conditions? State reference T / pressure

Required pressure (Pa): static or total? State measurement locations

SKY MATRIX

PTE. LTD. | SINGAPORE | UEN 202104263R

Induced draught fans & industrial ventilation

Minimum / normal / maximum operating points

Gas temperature (C): normal, maximum and duration of peaks

Gas composition, moisture, corrosive constituents and condensation

Gas density (kg/m³), site pressure / altitude and calculation conditions

Dust concentration (g/m³), particle size, abrasiveness and stickiness

Operating hours, start frequency and expected load profile

ARRANGEMENT & DRIVE

Fan type / impeller arrangement, if specified

Rotation direction and viewing side; inlet / outlet orientation

Duct / flange sizes, inlet / outlet geometry and available drawings

Flow regulation: VFD, damper, inlet guide vanes or other

Motor power if fixed, supply voltage (V), frequency (Hz) and speed (rpm)

Drive: direct / coupling / belt; bearing and lubrication preferences

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Impeller / casing materials, coatings and wear protection

Foundation, mounting, dimensions, mass and maintenance access

Noise / vibration limits and measurement conditions

SAFETY, SUPPLY & VERIFICATION

Indoor/outdoor, ambient temperature, altitude and corrosion category

Explosive atmosphere: zone, gas/dust group and required certification

Process flue-gas service or certified emergency smoke extraction? Required temperature/time rating

Supply scope: motor, base, coupling, guards, dampers, silencers, expansion joints and sensors

Performance standard, balancing, vibration tests and acceptance / witness requirements

Existing fan nameplate, curves, dimensional drawing, duct layout and site photos

Other requirements / acceptable deviations