HEAVY-DUTY INDUSTRIAL CENTRIFUGAL FAN

1. Overview

This technical datasheet details the large-scale grid-reinforced industrial centrifugal blower / induced draft boiler fan shown in the provided visual reference.

2. Specifications Matrix

Parameter	Specification / Range
Equipment Classification	Heavy Industrial Grid-Stiffened Scroll Blower / ID Boiler Fan
Volumetric Capacity (Q)	15,000 to 320,000 m^3/h
Static Output Pressure	1,200 to 8,500 Pa
Thermal Operating Envelope	Ambient up to 450°C (High-Temperature Build)
Structural Materials	Heavy Gauge Q235 / Q345 Carbon Steel with Wear Liners
Inlet Typology	Optimized Aerodynamic Circular Face Intake
Structural Rigidity	Exterior Box-Grid Frame Stiffening Reinforcements