

KES

Dust Collector for Bag Filter

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1. Scope of application

This standard shall be applied to a dust collector for BAG filter piling up dust.

2. Components of equipment

- (1) The main body of dust collector (Casting)
- (2) Utilities

FAN (Containing a fan room), Damper (for manual, automatic), Silence (Silencer), Hood & Duct, Dust exhausting system(Screw conveyor, Rotary v/v, Dust mixer), Manometer, Motor type, Dust collection box, Heating device for heat insulation, Control panel.

3. Specification of equipment

Items	Contents
Hood	(1) Hood type shall be manufactured by considering equipment maintenance. (2) Manufacture considering the efficiency of collecting dust on setting hood.
Duct	(1) Setting up the inspection gate on the curved pipe of duct. → Manufacture with the upper side of duct in setting the inspection gate. (2) Setting up the manual damper in every straight pipe duct.
Damper	(1) Control device shall be mounted on the control panel, and make it can be handle to on off with automatic and manual. (2) Main damper for blower shall be the manual device using reduction gear. (Mount the indicator of switch) (3) Damper mounted on straight pipe duct shall be easy to control the quantity of wind. (4) The working damper of blower shall be the automatic type.

Items	Contents
FAN	<p>(1) Select the specified Maker by KIA. → Taeil, Daemyung, Donga, Kumsung, Samwon</p> <p>(2) Carry out the presenting of the performance sheet and noise test when entering. (When setup)</p> <p>(3) The material of impeller shaft shall be using SUS.</p> <p>(4) In case of mounting fan cover</p> <ul style="list-style-type: none"> - The opening of the cover shall be one touch type. - Indicating the kind of using product and the direction of rotation on the surface of cover. (Rotating object) - Bearing shall be grease-oiling type, and the cover of upper opening gate shall mount covering after cutting. <p>→ Setup elector lubber.</p>
Fan room	<p>(1) Room size shall be the size that can locate motor, fan, control panel.</p> <p>(2) Setup fan, fluorescent lamp, BAR (I-Beam) and chain block for motor maintenance.</p> <p>(3) The size of door shall decide that can be go in and out.</p> <p>(4) The setup of the soundproofing material shall be the structure that satisfied the condition of noise based on the standard of managing pollution.</p>
Motor	<p>(1) Select the specified maker by KIA. → Hyusung</p> <p>(2) Present the motor check sheet → Present it after recording each of the motor nameplate contents (Detail specification)</p> <p>(3) Reduction motor shall be decided on cycle motor.</p>
Control panel	<p>(1) Mount the quantity survey wattmeter, the voltmeter, and the ammeter.</p> <p>(2) Pulse camp (Graphic type) → Operating lamp shall be mounted on the panel to check the state of operating for dust collector pulse. (Individually by the line of filter bag)</p>