



M-System's PRP Series has been adopted for

2018-11

4-5005

Rev. 0
01

EC-4823-A

500555

a garbage incineration plant

that does not have air supply equipment.

Garbage incineration plant

When air supply equipment is not required, labor and equipment costs decrease!!



Rotary Motion Electric Actuator PRP Series

Stepping Motor
Output stem
Control circuit board

High torque: 200N·m
High resolution: 1/1000

Transparent image of PRP

Large electric damper

Compact equipment

By driving each damper blade individually with the PRP Series, the entire equipment becomes compact in size.



Energy saving

As no air supply equipment is required, energy savings are significant.



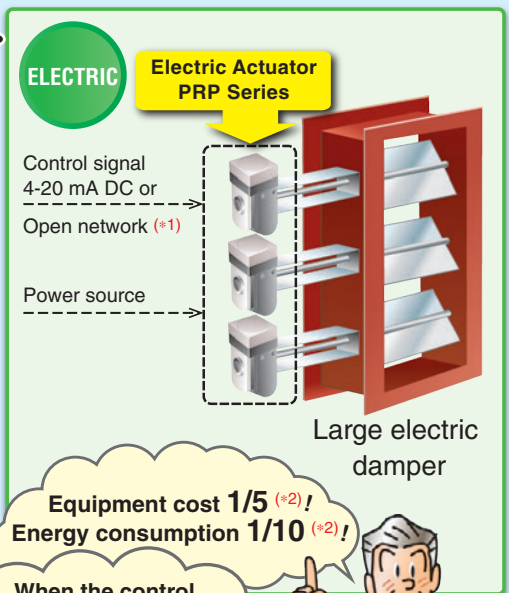
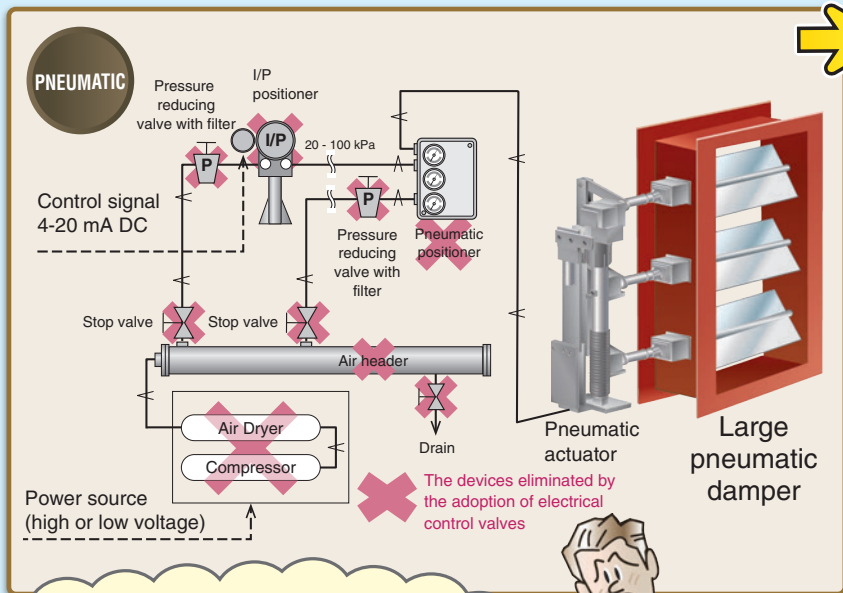
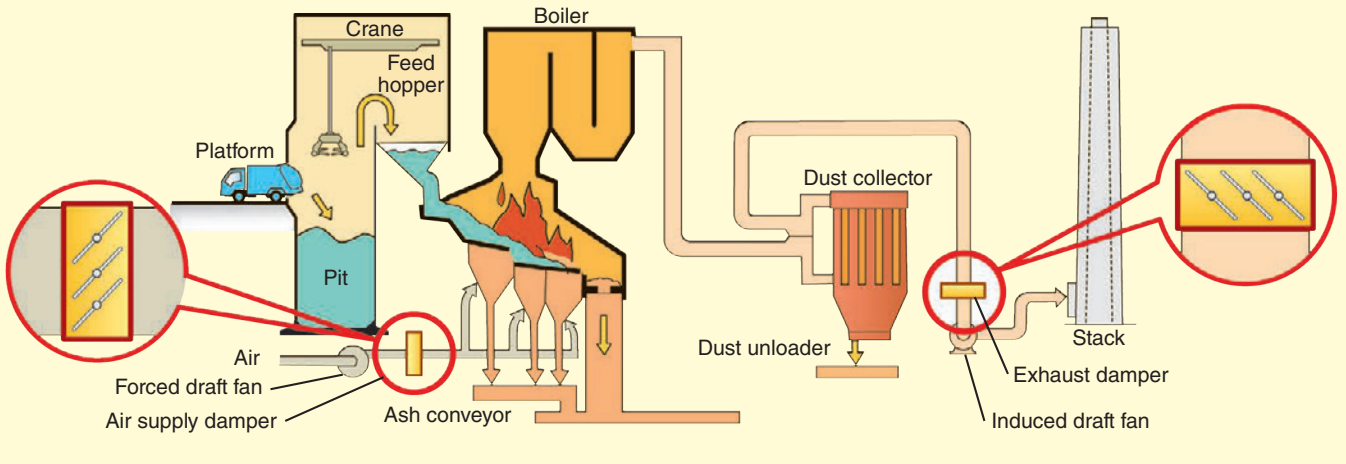
Simple Wiring

Wiring is simple and easy.



PRP Series in Electrical Damper Control

Incineration system diagram



A compressor requires installation costs along with labor-consuming maintenance! It costs a lot in electricity!

Equipment cost 1/5^{(*)2}! Energy consumption 1/10^{(*)2}!

When the control loop is in a steady state, only standby power is consumed.^{(*)3}

(*)1 Contact M-System. (*)2 The data surveyed by M-System. (*)3 Max. power consumption: Approx. 180 VA Standby power: Approx. 18 VA

Rotary Motion Electric Actuator PRP Series

- High Resolution of 1/1000
- High-speed opening and closing: 8.5 s/90°
- Ensures flexible opening and closing speed setting.



Max. torque: 100 N·m
Model: PRP-0



Max. torque: 200 N·m
Model: PRP-1

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