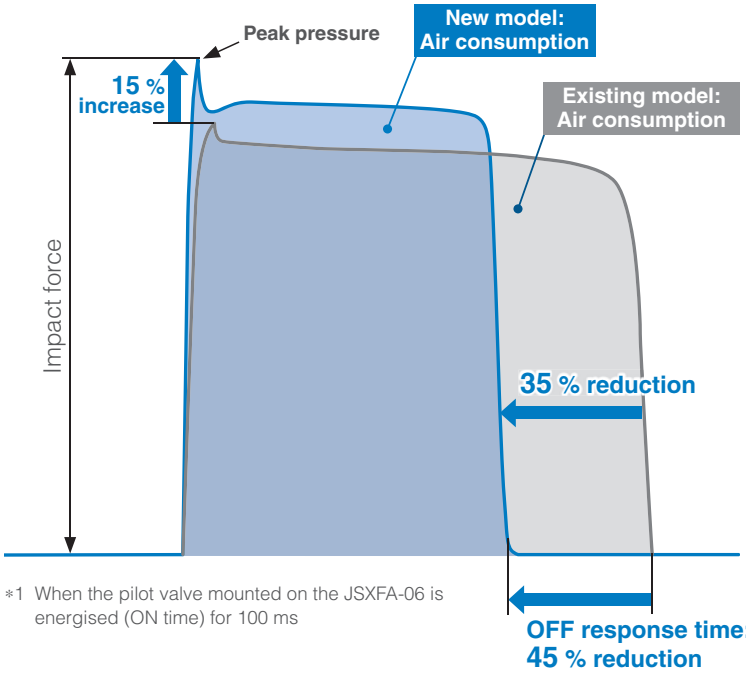
Pulse valve Valve for dust collector – JSXFA Series

Peak pressure
15 %[*1] **increase**

CO_2 emissions (Air consumption)
35 %[*1] **reduction**

High peak pressure and low air consumption





*1 When the pilot valve mounted on the JSXFA-06 is energised (ON time) for 100 ms

Existing model

·Flow path construction with a large pressure loss
·Long response time

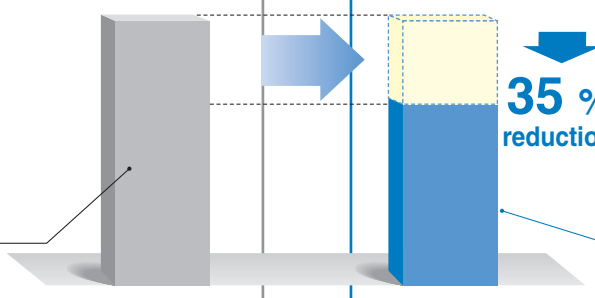
Injection quantity per cycle:
88 l/cycle (ANR)

Pressure: 0.9 MPa
Energising time: 100 ms
Annual operating cycles: 240000

21120 m^3/year (ANR)
CO_2 emissions: **1238** kg/year

(**254.55** €/year)

Effects of energy saving



Energy-saving model

·Optimised internal geometry
·Improved response

Injection quantity per cycle:
57 l/cycle (ANR)

Pressure: 0.9 MPa
Energising time: 100 ms
Annual operating cycles: 240000

13680 m^3/year (ANR)
CO_2 emissions: **802** kg/year
436 kg reduction in annual CO_2 emissions

(**164.88** €/year)
(89.67 €/year reduction)

Corresponding value: Air unit 0.012 €/m^3 (ANR), Air – CO_2 conversion factor 0.0586 kg/m^3 (ANR)