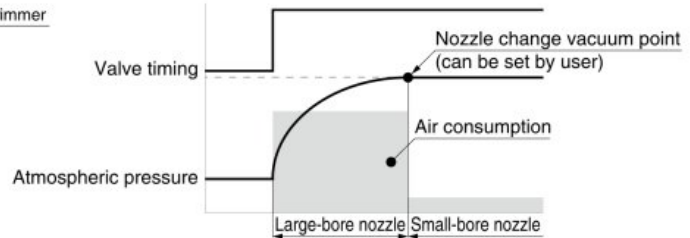
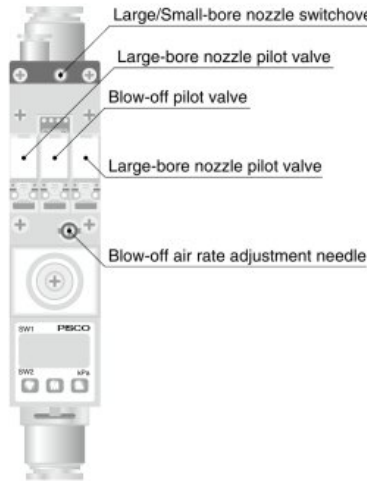


Complex Vacuum Generator for Large Flow

Vacuum Generator VQ Series

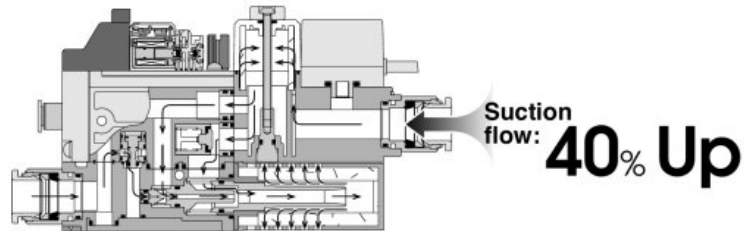
Characteristics

- 31.5-mm wide vacuum unit is designed to optimize the control of large vacuum flows.
- Three different types of vacuum generator are available: single-nozzle type (nozzle bore: 1.5mm, 2.0mm), two-stage nozzle type (nozzle bore: 0.7mm, 1.0mm, 1.2mm) and twin-nozzle type.
- The twin-nozzle type, the most durable unit for applications with longer suctioning or transporting time, is controlled by means of both large and small diameter nozzle. The large nozzle controls vacuum generation from start up to a prescribed reference preset pressure level, after which the small nozzle takes over for maintaining a vacuum level. This combination makes possible substantial reductions in Air consumption (patent pending).



Nozzle type	Air consumption (ℓ/min(ANR))	
T15	100	23
T20	200	46

- The two-stage nozzle type's vacuum suction rate has been increased by approximately 40% compared to conventional types (PISCO Vacuum Generator complex type with single nozzle).



- The single-nozzle type is an orthodox, complex vacuum generator designed to produce large vacuum flows.
- A wide variety of valve type is standardized:
 - Single-nozzle type: Normally open, Normally closed, Double solenoid (vacuum retention) type
 - Two-stage nozzle type: Normally open, Normally closed type
 - Twin-nozzle type: Normally closed type
- External vacuum controller: Normally open, Normally closed type
- Visibility improvement by vacuum pressure sensor with 31mm size LED display.

