

CA102MM RCA102MM

Manifold Mounted reverse pulse jet valve for high load filter cleaning applications.

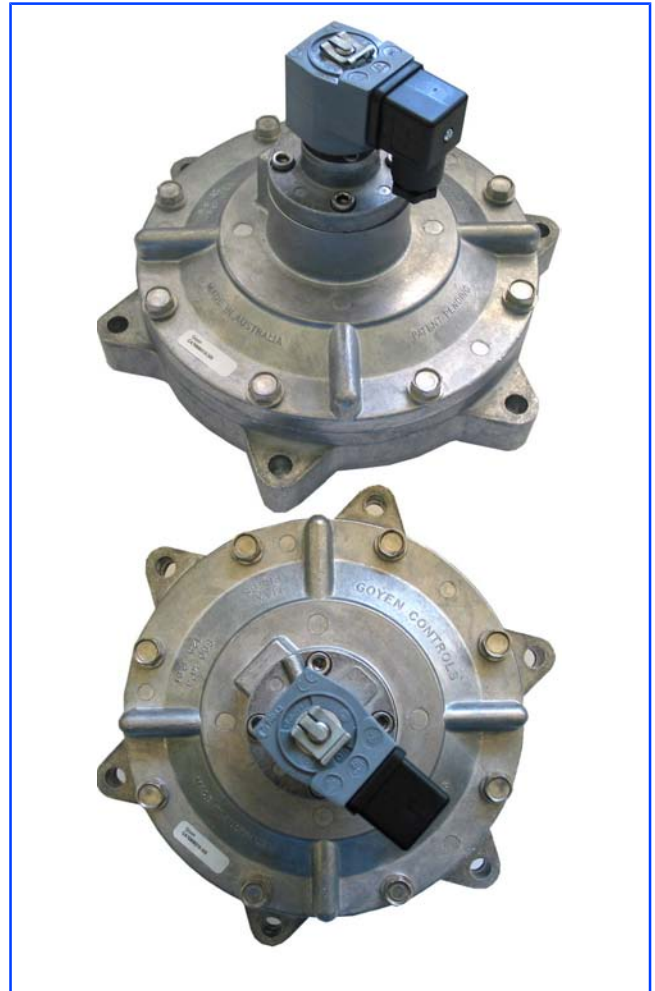
Massive capacity Goyen reverse pulse jet valve. Clean more filter area per valve, or clean filters using lower tank pressures.

KEY PRODUCT FEATURES

- **25% increase in flow** over the industry leading Goyen 76MM valve. Suits pipe schedules 5, 10, 30, 40 & 80 with outside diameter of 101.6mm (4").
- **Same footprint and mounting pattern as the CA/RCA76MM.** The CA/RCA102MM will fit easily into existing collectors designed for the Goyen 76MM valve series. One major benefit is the close pitching of filters if required.
- **Solid diecast aluminium construction**, in either remote pilot (RCA) or integral pilot (CA) configurations.
- **Choice of diaphragms** including the proven and durable Goyen nitrile and viton insertion materials.
- **Goyen's EnduroSeal seat.** The rubber coated (nitrile or viton) steel diaphragm seat is standard and provides great durability with the best sealing performance.

TYPICAL APPLICATIONS

- **Coal fired boiler** dust collectors for power station applications.
- **Process and kiln** collectors in cement plants.
- **Long filter or pleated filterbag technology**, ideal for high pressure pulsing of 8m and larger filter bags. Equally suitable for high cloth areas of pleated filter bags.
- **Low pressure pulsing applications.** The 25% increase in flow capacity will allow lower cleaning system tank pressures than previously achieved in like for like applications.



CONSTRUCTION

Body

CA313 diecast aluminium

Ferrule

304 stainless steel

Armature

430FR stainless steel

Diaphragm & seals

Nitrile or viton (reinforced)

AVAILABLE VOLTAGES

200/240V 50/60 Hz

100/120V 50/60 Hz

24V 50/60 Hz

Spring

304 stainless steel

Screws

302 stainless steel

Diaphragm seat

Nitrile or viton coated mild steel

110 VDC

48 VDC

24 VDC

12 VDC

APPROVALS

Integrally piloted valves meet the requirements of C-Tick and EMC (89/336/CE).

OPERATION

- Recommended on time:** 50 - 500ms
- Recommended pause time:** 1 minute or more.
- Operating pressures:** 30 - 860 kPa (5 - 125 psi).

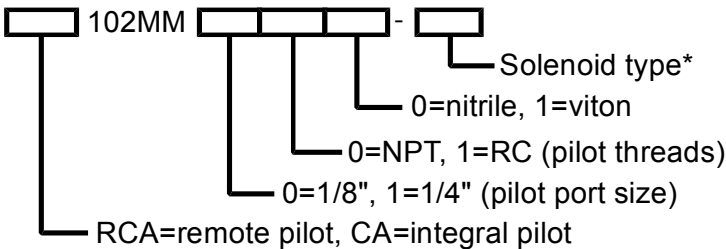
PULSE PIPE SUITABILITY

The RCA/CA102MM is suitable for installation to pipes of nominal outside diameter = 101.6mm (4"). Pipe schedule 5, 10, 30, 40 or 80 may be used.

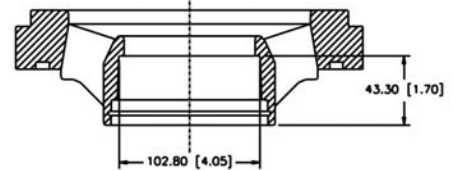
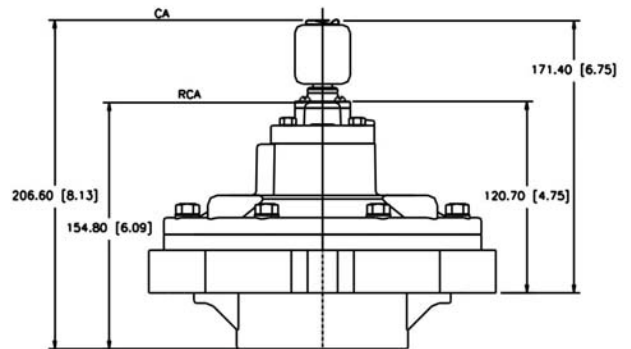
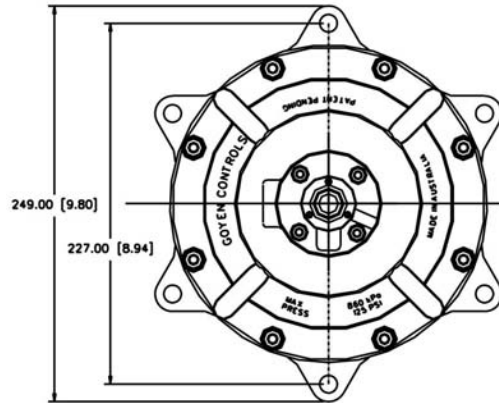
MAINTENANCE KITS

- K10200** - Nitrile diaphragm kit
- K10201** - Viton diaphragm kit
- K0380** - Nitrile pilot repair kit (for CA models)
- K0384** - Viton pilot repair kit (for CA models)

ORDERING



* CA only, use:
300 (200/240VAC), **301** (110/120VAC), **302** (24VAC)
303 (110VDC), **304** (48VDC), **305** (24VDC), **306** (12VDC)
 Termination is DIN 43650A type. Other voltages and termination styles available. Refer to catalogue CASPilot - "Pilot Valves and Enclosures", or contact your local Goyen representative.



Goyen Controls Co Pty Ltd reserves the right to change product designs and specifications without notice.

Australia

Goyen Controls Co Pty Ltd
 268 Milperra Rd
 Milperra
 NSW 2214
 Telephone: 61 2 9792 0201
 Facsimile: 61 2 9771 5380

Queensland

Telephone: 61 7 3260 2161
 Facsimile: 61 7 3260 2165

Victoria

Telephone: 61 3 9874 6655
 Facsimile: 61 3 9874 1846

USA

Goyen Valve Corporation
 1195 Airport Rd
 Lakewood
 New Jersey 08701 USA
 Telephone: 1 732 364 7800
 Facsimile: 1 732 364 1356

South Australia

Telephone: 61 2 9792 0201
 Facsimile: 61 2 9771 5380

Western Australia

Telephone: 61 8 9302 8800
 Facsimile: 61 8 9302 6500

Asia

Goyen Controls Co Pty Ltd
 Shanghai Representative Office
 2521 Zhao Feng World Trade Centre
 369 Jian Su Rd Shanghai 200050 China
 Telephone: 86 21 5239 8810
 Facsimile: 86 21 5239 8812

Goyen Controls Co Pty Ltd
 65-2 Jalan Mega Mendung
 Kompleks Bandar 58200
 Kuala Lumpur MALAYSIA
 Telephone: 60 37 987 6839
 Facsimile: 60 37 987 7839

Europe

Goyen Controls Co UK Ltd
 Unit 3B Beechwood
 Chineham Business Park
 Basingstoke, Hampshire, RG24 8WA
 UNITED KINGDOM
 Telephone: 44 1256 817 800
 Facsimile: 44 1256 843 164

Tyco Umwelttechnik GmbH
 Im Petersfeld 6
 D-65264 Altdiez
 GERMANY
 Telephone: 49 6432 1001/1002
 Facsimile: 49 6432 63810

Mecair S.r.l
 Via per Cinisello 97
 1 - 20054 Nova Milanese
 Milano
 ITALY
 Telephone: 39 0362 3751
 Facsimile: 39 0362 367 279