



Dust collector components

Pulse Valves

Valves are characterized by a quick opening which allows a high jet and a reduced air consumption in a short time

Control Pulse Valves

Economiser for controlling the pneumatic cleaning function of industrial dust collection systems

Cartridge Filter

Suitable for the filtration of fine dusts



cirbell@outlook.co.th

<http://cirbell.com>

+66 2077-9025

CIRBELL CO., LTD.

CIRBELL INDEX

| | |
|--|---------|
| TURBO PULSE VALVE (ITALY) | (1-7) |
| AAFS PULSE VALVE (CHINA) | (8-13) |
| CIRBELL SEQUENTIAL TIMER (CONTROL PULSE VALVE) | (14-19) |
| TURBO SEQUENTIAL TIMER (CONTROL PULSE VALVE) | (20-21) |
| AIR CARTRIDGE FILTER | (22-25) |
| DIFFERENTIAL PRESSURE GAUGE | (26-28) |
| AIR DUCT | (29) |



Pulse Jet Valves

Valves are characterized by a quick opening which allows a high jet and a reduced air consumption in a short time

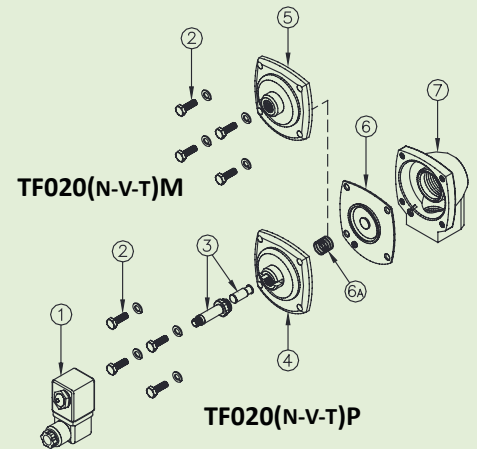
VALVES WITH THREADED CONNECTORS - TF SERIES - Ø 3/4"-1"-1 1/2"-2"-2 1/2"



FEATURES

| | |
|-----------------------------|--------------------------------|
| Fluids | Non-lubricated filtered air |
| Operating temperature | Neoprene diaphragm -20°C +80°C |
| | Viton diaphragm -20°C +200°C |
| | Low T. diaphragm -40°C; +80°C |
| Operating pressure | between 0.5 and 7.5 bar |
| Body and cover | Die-cast aluminium |
| Pilot core | Stainless steel |
| Screws and bolts | Stainless steel |
| Coil insulation | Class H |
| Connector | PG 9 EN175301-803 |
| Connector + coil protection | IP65 EN60529 |
| Standard voltage | 24V/50-60Hz (±10%) 19VA |
| | 115V/50-60Hz (±10%) 19VA |
| | 230V/50-60Hz (±10%) 19VA |
| | 24VDC (± 10%) 18 Watt |

| DESCRIPTION | TF020(N-V-T)P / TF020(N-V-T)M | TF025(N-V-T)P / TF025(N-V-T)M |
|----------------------------|-------------------------------|-------------------------------|
| 1 Coil - Connector | BH10 V## / V## | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X20X4 | TKITVTE06X20X4 |
| 3 Pilot unit | 1331080 | 1331080 |
| 4 Pilot cover | 1251750 | 1251750 |
| 5 Remote cover | 1251770 | 1251770 |
| 6 Diaphragm (N-V-T) | TKISM025N Neoprene | TKISM025N Neoprene |
| | TKISM025V Viton | TKISM025V Viton |
| | TKISM025T Low temperature | TKISM025T Low temperature |
| 6a Diaphragm spring | 3241002 | 3241002 |
| 7 Valve body | 1251120 | 1251190 |



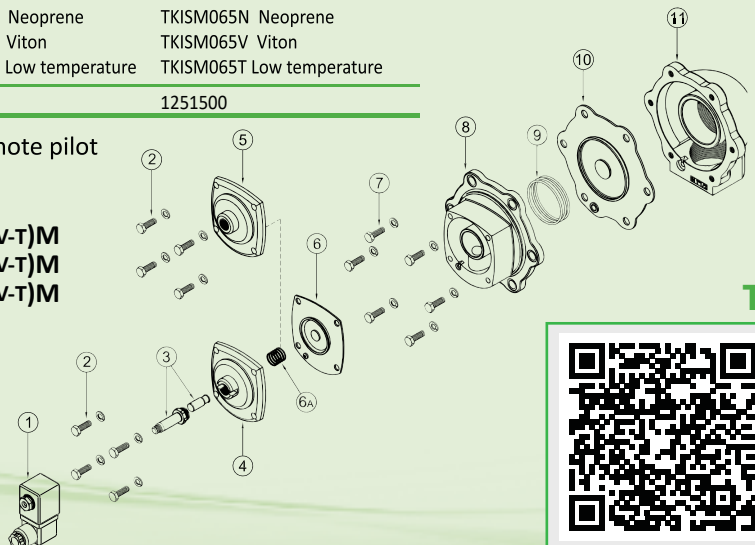
TFP version with built-in pilot / TFM version with remote pilot

| DESCRIPTION | TF040(N-V-T)P TF040(N-V-T)M | TF055(N-V-T)P TF055(N-V-T)M | TF065(N-V-T)P TF065(N-V-T)M |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 Coil + Connector | BH10 V## / V## | BH10 V## / V## | BH10 V## / V## |
| 2 Screws + Washers | TKITVTE06X20X4 | TKITVTE06X20X4 | TKITVTE06X20X4 |
| 3 Pilot unit | 1331080 | 1331080 | 1331080 |
| 4 Pilot cover | 1251750 | 1251750 | 1251750 |
| 5 Remote cover | 1251770 | 1251770 | 1251770 |
| 6 Secondary Diaphragm (N-V-T) | TKISM025N Neoprene | TKISM025N Neoprene | TKISM025N Neoprene |
| | TKISM025V Viton | TKISM025V Viton | TKISM025V Viton |
| | TKISM025T Low temperature | TKISM025T Low temperature | TKISM025T Low temperature |
| 6a Diaphragm spring | 3241002 | 3241002 | 3241002 |
| 7 Screws + Washers | TKITVTE08X20X6 | TKITVTE10X25X6 | TKITVTE10X25X6 |
| 8 Cover | 1251620 | 1251660 | 1251660 |
| 9 Diaphragm spring | 3241024 | 3241024 | 3241024 |
| 10 Primary Diaphragm (N-V-T) | TKISM040N Neoprene | TKISM055N Neoprene | TKISM065N Neoprene |
| | TKISM040V Viton | TKISM055V Viton | TKISM065V Viton |
| | TKISM040T Low temperature | TKISM055T Low temperature | TKISM065T Low temperature |
| 11 Valve body | 1251400 | 1251470 | 1251500 |

TFP version with built-in pilot / TFM version with remote pilot
V## / V## = 24 Vdc - 24 Vac - 115 Vac - 230 Vac

TF040(N-V-T)M
TF055(N-V-T)M
TF065(N-V-T)M

TF040(N-V-T)P
TF055(N-V-T)P
TF065(N-V-T)P



TF

VALVES WITH QUICK CONNECTORS - TD SERIES - Ø ¾" - 1" - 1 ½"

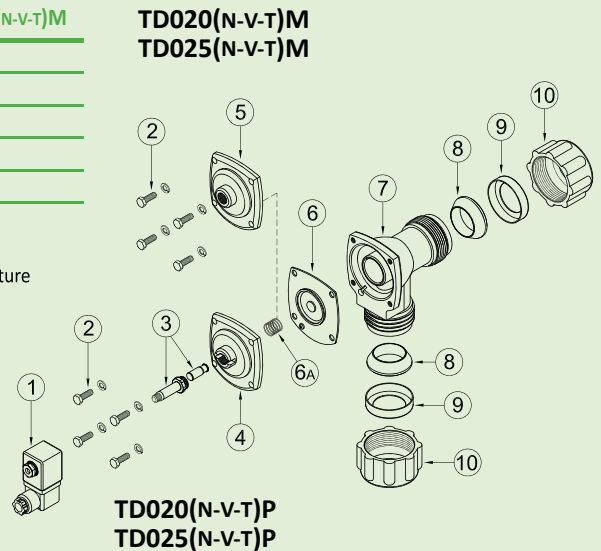


FEATURES

| | |
|-----------------------------|--------------------------------|
| Fluids | Non-lubricated filtered air |
| Operating temperature | Neoprene diaphragm -20°C +80°C |
| | Viton diaphragm -20°C +200°C |
| | Low T. diaphragm -40°C; +80°C |
| Operating pressure | between 0.5 and 7.5 bar |
| Body and cover | Die-cast aluminium |
| Pilot core | Stainless steel |
| Screws and bolts | Stainless steel |
| Coil insulation | Class H |
| Connector | PG 9 EN175301-803 |
| Connector + coil protection | IP65 EN60529 |
| Standard voltage | 24V/50-60Hz (±10%) 19VA |
| | 115V/50-60Hz (±10%) 19VA |
| | 230V/50-60Hz (±10%) 19VA |
| | 24VDC (± 10%) 18 Watt |

| DESCRIPTION | TD020(N-V-T)P / TD020(N-V-T)M | TD025(N-V-T)P / TD025(N-V-T)M |
|-------------------------------|-------------------------------|-------------------------------|
| 1 Coil - Connector | BH10 V## / V## | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X18X4 | TKITVTE06X18X4 |
| 3 Pilot unit | 1331080 | 1331080 |
| 4 Pilot cover | 1251750 | 1251750 |
| 5 Remote cover | 1251770 | 1251770 |
| 6 Diaphragm (N-V-T) | TKISM025N Neoprene | TKISM025N Neoprene |
| | TKISM025V Viton | TKISM025V Viton |
| | TKISM025T Low temperature | TKISM025T Low temperature |
| 6a Diaphragm spring | 3241002 | 3241002 |
| 7 Valve body | 1251110 | 1251310 |
| 8 Conical seal | 3301010 | 3301013 |
| 9 Retaining ring | 1321006 | 1321010 |
| 10 Hose clamp high nut | 1281040 | 1281045 |

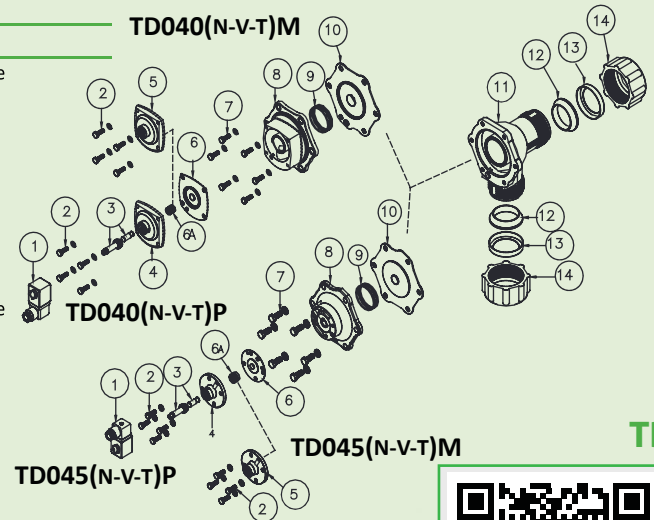
TDP version with built-in pilot
TDM version with remote pilot



| DESCRIPTION | TD040(N-V-T)P / TD040(N-V-T)M | TD045(N-V-T)P / TD045(N-V-T)M |
|--------------------------------------|-------------------------------|-------------------------------|
| 1 Coil - Connector | BH10 V## / V## | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X20X4 | TKITVTE06X18X4 |
| 3 Pilot unit | 1331080 | 1331080 |
| 4 Pilot cover | 1251750 | 1251715 |
| 5 Remote cover | 1251770 | 1251745 |
| 6 Secondary diaphragm (N-V-T) | TKISM025N Neoprene | TKISM010N Neoprene |
| | TKISM025V Viton | TKISM010V Viton |
| | TKISM025T Low temperature | TKISM010T Low temperature |
| 6a Diaphragm spring | 3241002 | 3241002 |
| 7 Screws - Washers | TKITVTE08X20X6 | TKITVTE08X20X6 |
| 8 Cover | 1251620 | 1251640 |
| 9 Diaphragm spring | 3241024 | 3241024 |
| 10 Primary Diaphragm (N-V-T) | TKISM040N Neoprene | TKISM045N Neoprene |
| | TKISM040V Viton | TKISM045V Viton |
| | TKISM040T Low temperature | TKISM045T Low temperature |
| 11 Valve body | 1251440 | 1251440 |
| 12 Conical seal | 3301017 | 3301017 |
| 13 Retaining ring | 1321012 | 1321012 |
| 14 Hose clamp high nut | 1281050 | 1281050 |

TDP version with built-in pilot
TDM version with remote pilot

V## / V## = 24 Vdc -
24 Vac - 115 Vac - 230 Vac



FLANGED VALVES - TE SERIES - Ø ¾" - 1" - 1 ½"

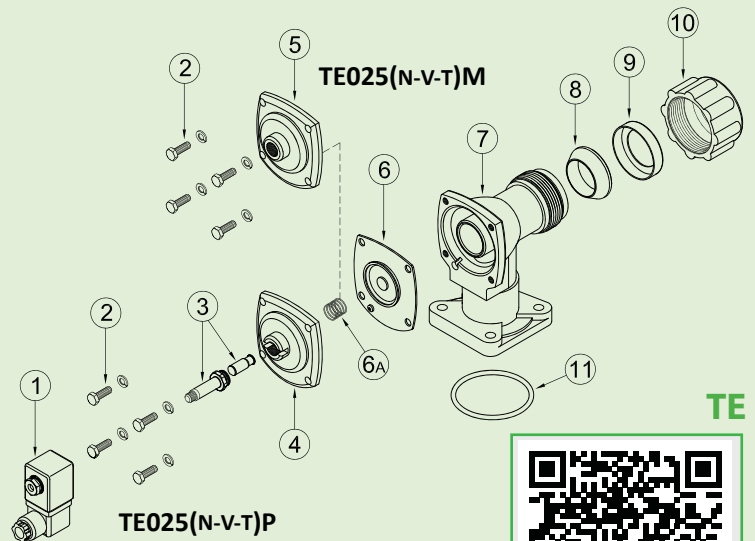


TEP version with built-in pilot
TEM version with remote pilot

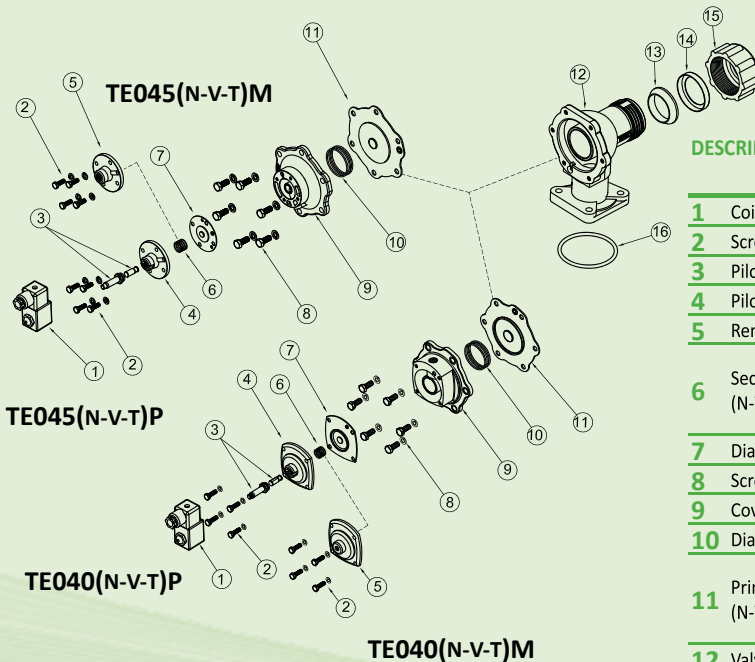
FEATURES

| | |
|-----------------------------|--------------------------------|
| Fluids | Non-lubricated filtered air |
| Operating temperature | Neoprene diaphragm -20°C +80°C |
| | Viton diaphragm -20°C +200°C |
| | Low T. diaphragm -40°C; +80°C |
| Operating pressure | between 0.5 and 7.5 bar |
| Body and cover | Die-cast aluminium |
| Pilot core | Stainless steel |
| Screws and bolts | Stainless steel |
| Coil insulation | Class H |
| Connector | PG 9 EN175301-803 |
| Connector + coil protection | IP65 EN60529 |
| Standard voltage | 24V/50-60Hz (±10%) 19VA |
| | 115V/50-60Hz (±10%) 19VA |
| | 230V/50-60Hz (±10%) 19VA |
| | 24VDC (± 10%) 18 Watt |

| DESCRIPTION | TE025(N-V-T)P / TE025(N-V-T)M |
|-------------------------------|-------------------------------|
| 1 Coil - Connector | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X18X4 |
| 3 Pilot unit | 1331080 |
| 4 Pilot cover | 1251752 |
| 5 Remote cover | 1251776 |
| 6a Diaphragm spring | 3241002 |
| 6 Diaphragm (N-V-T) | TKISM025N Neoprene |
| | TKISM025V Viton |
| | TKISM025T Low temperature |
| 7 Valve body | 1251280 |
| 8 Conical seal | 3301013 |
| 9 Retaining ring | 1321010 |
| 10 Hose clamp high nut | 1281045 |
| 11 O-R gasket | 3301271 |



V## / V## = 24 Vdc -
24 Vac - 115 Vac - 230 Vac



| DESCRIPTION | TE040(N-V-T)P TE040(N-V-T)M | TE045(N-V-T)P TE045(N-V-T)M |
|--------------------------------------|--------------------------------|--------------------------------|
| 1 Coil - Connector | BH10 V## / V## | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X20X4 | TKITVTE06X18X4 |
| 3 Pilot unit | 1331080 | 1331080 |
| 4 Pilot cover | 1251750 | 1251715 |
| 5 Remote cover | 1251770 | 1251745 |
| 6 Secondary diaphragm (N-V-T) | TKISM025N Neoprene | TKISM010N Neoprene |
| | TKISM025V Viton | TKISM010V Viton |
| | TKISM025T Low temperature | TKISM010T Low temperature |
| 7 Diaphragm spring | 3241002 | 3241006 |
| 8 Screws - Washers | TKITVTE08X20X6 | TKITVTE08X20X6 |
| 9 Cover | 1251620 | 1251640 |
| 10 Diaphragm spring | 3241024 | 3241024 |
| 11 Primary diaphragm (N-V-T) | TKISM040N Neoprene | TKISM045N Neoprene |
| | TKISM040V Viton | TKISM045V Viton |
| | TKISM040T Low temperature | TKISM045T Low temperature |
| 12 Valve body | 1251430 | 1251430 |
| 13 Conical seal | 3301017 | 3301017 |
| 14 Retaining ring | 1321012 | 1321012 |
| 15 Hose clamp high nut | 1281050 | 1281050 |
| 16 O-R gasket | 3301281 | 3301281 |

VALVES FOR FLAT SURFACES - TS SERIES - Ø 1"



FEATURES

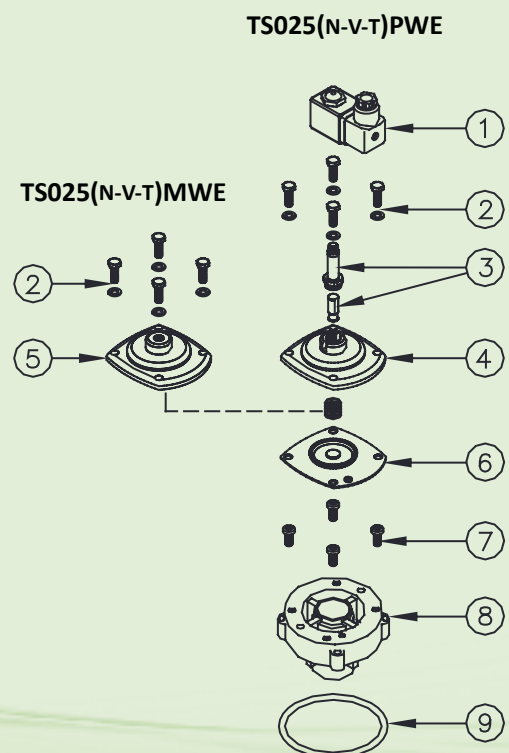
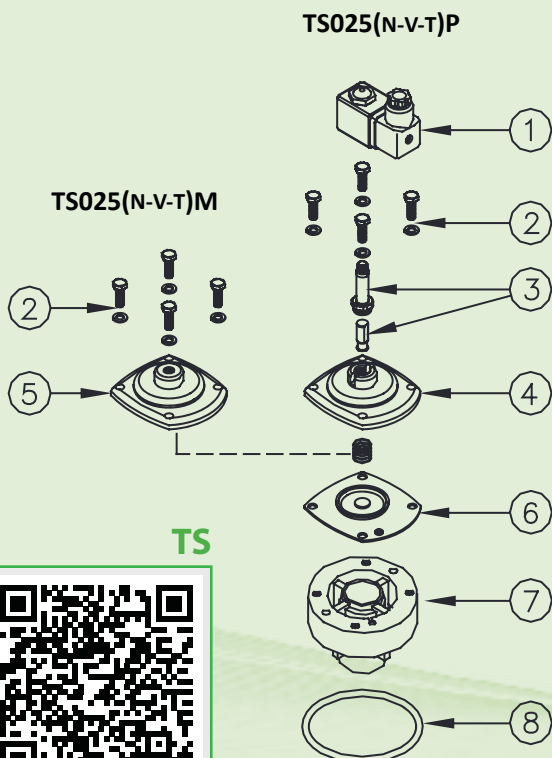
| | |
|-----------------------------|--------------------------------|
| Fluids | Non-lubricated filtered air |
| Operating temperature | Neoprene diaphragm -20°C +80°C |
| | Viton diaphragm -20°C +200°C |
| | Low T. diaphragm -40°C; +80°C |
| Operating pressure | between 0.5 and 7.5 bar |
| Body and cover | Die-cast aluminium |
| Pilot core | Stainless steel |
| Screws and bolts | Stainless steel |
| Coil insulation | Class H |
| Connector | PG 9 EN175301-803 |
| Connector + coil protection | IP65 EN60529 |
| Standard voltage | 24V/50-60Hz (±10%) 19VA |
| | 115V/50-60Hz (±10%) 19VA |
| | 230V/50-60Hz (±10%) 19VA |
| | 24VDC (± 10%) 18 Watt |

| DESCRIPTION | TS025(N-V-T)P / TS025(N-V-T)M |
|----------------------------|-------------------------------|
| 1 Coil - Connector | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X20X4 |
| 3 Pilot unit | 1331080 |
| 4 Pilot cover | 1251750 |
| 5 Remote cover | 1251770 |
| 6a Diaphragm spring | 3241002 |
| 6 Diaphragm (N-V-T) | TKISM025N Neoprene |
| | TKISM025V Viton |
| | TKISM025T Low temperature |
| 7 Valve body | 1251290 |
| 8 O-R gasket | 3301285 |

TSP version with built-in pilot / TSM version with remote pilot
V## / V## = 24 Vdc - 24 Vac - 115 Vac - 230 Vac

| DESCRIPTION | TS025(N-V-T)PWE / TS025(N-V-T)MWE |
|----------------------------|-----------------------------------|
| 1 Coil - Connector | BH10 V## / V## |
| 2 Screws - Washers | TKITVTE06X20X4 |
| 3 Pilot unit | 1331080 |
| 4 Pilot cover | 1251750 |
| 5 Remote cover | 1251770 |
| 6a Diaphragm spring | 3241002 |
| 6 Diaphragm (N-V-T) | TKISM025N Neoprene |
| | TKISM025V Viton |
| | TKISM025T Low temperature |
| 7 Screws - Washers | TKITVTE06X16X4 |
| 8 Valve body | 1251300 |
| 9 O-R gasket | 3301285 |

TSP version with built-in pilot / TSM version with remote pilot
V## / V## = 24 Vdc - 24 Vac - 115 Vac - 230 Vac



BULKHEAD QUICK CONNECTORS - PS/PD SERIES - \varnothing ¾" - 1" - 1½" - 2"



The bulkhead quick connectors are designed to allow air cannons to pass through the filter wall in a simple and rational way, without requiring welds or threaded connectors.

Turbo provides two ranges:

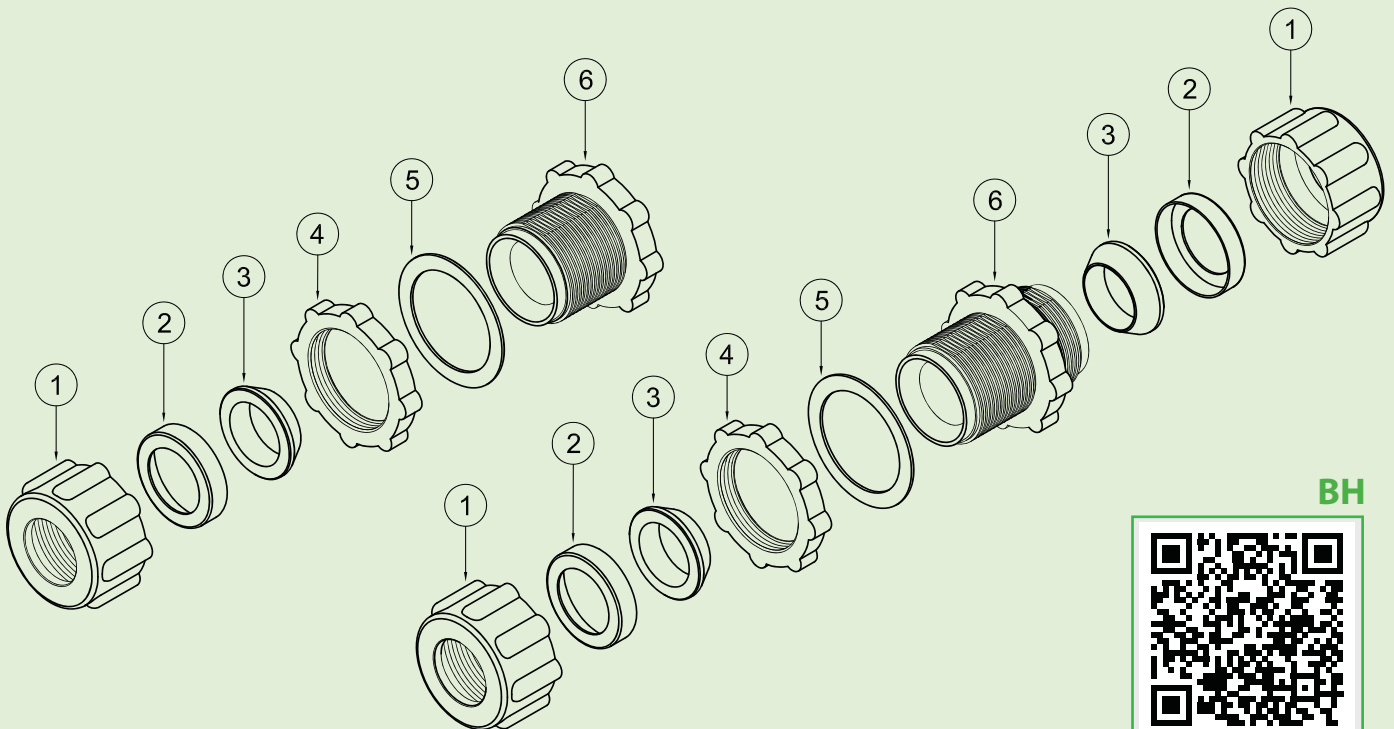
- PD series, used to connect two pipes
- PS series, used for the air cannon

Turbo also provides special keys for fastening nuts and lock nuts.

We recommend using them only in a pneumatic setting.

Do not use as a mechanical support.

| DESCRIPTION | PS20 | PS25 | PS40 | PS55 |
|------------------|---------|---------|---------|---------|
| 1 Nut | 1281040 | 1281045 | 1281050 | 1281055 |
| 2 Retaining ring | 1321006 | 1321010 | 1321012 | 1321014 |
| 3 Conical seal | 3301010 | 3301013 | 3301017 | 3301020 |
| 4 Lock nut | 3181036 | 3181036 | 3181032 | 3181022 |
| 5 Fibre gasket | 3141529 | 3141529 | 3581000 | 3581014 |
| 6 Body | 1252022 | 1252026 | 1252032 | 1251052 |



BH



SCAN ME

| DESCRIPTION | PD20 | PD25 | PD40 | PD55 |
|------------------|---------|---------|---------|---------|
| 1 Nut | 1281040 | 1281045 | 1281050 | 1281055 |
| 2 Retaining ring | 1321006 | 1321010 | 1321012 | 1321014 |
| 3 Conical seal | 3301010 | 3301013 | 3301017 | 3301020 |
| 4 Lock nut | 3181036 | 3181036 | 3181032 | 3181022 |
| 5 Fibre gasket | 3141529 | 3141529 | 3581000 | 3581014 |
| 6 Body | 1252020 | 1252024 | 1252028 | 1252034 |

REMOTE PILOT ENCLOSURE - RCP SERIES

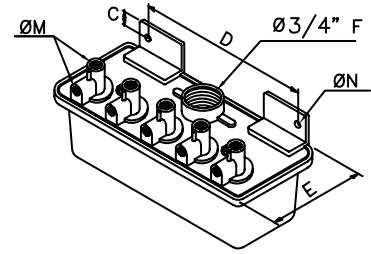
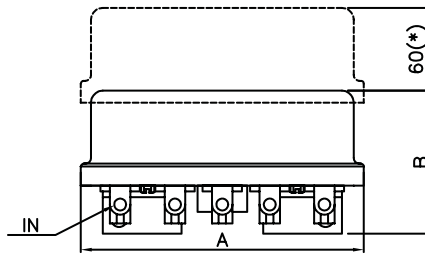


FEATURES

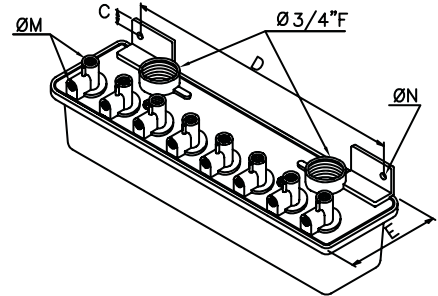
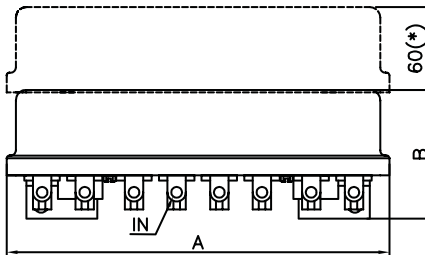
| | |
|------------------------|-----------------------------|
| Fluids | Non-lubricated filtered air |
| Operating pressure | between 0.5 and 7.5 bar |
| Operating temperature | -20°C; +80°C |
| with heating element | -40°C +80°C |
| Cover and base | Die-cast aluminium |
| Pilot core | Stainless steel |
| Screws and bolts | Stainless steel |
| Coil insulation | Class H |
| Protection | IP66 |
| Standard voltage | 230 -110 - 24V |
| | 50-60 Hz 19 VA |
| | 24VDC 15W |
| Maximum Valve Distance | 3 Metres |

(*) Clearance for opening the cover

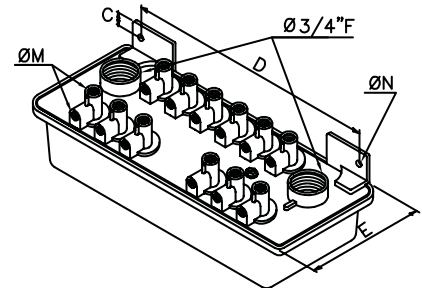
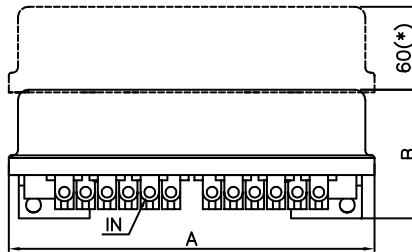
RCP5



RCP8



RCP12



RCP



SCAN ME

| MODEL | A | B | C | D | E | ØM | ØN | Weight (kg) |
|-------|-----|----|----|-----|-----|------|----|-------------|
| RCP5 | 210 | 98 | 10 | 156 | 100 | 1/8" | 11 | 1.7 |
| RCP8 | 333 | 98 | 10 | 267 | 100 | 1/8" | 11 | 3.2 |
| RCP12 | 306 | 97 | 10 | 237 | 152 | 1/8" | 11 | 4.4 |

ACCU PULSE VALVE DMF-Z (Threaded connectors)



MODEL - DMF-Z Size $\varnothing 3/4''$ - $1''$ - $1\frac{1}{2}''$ - $2''$

Technical Index

| | | |
|-------------------|---|--|
| Working Pressure | : | 0.1MPa -0.6 MPa |
| Working Media | : | Clean air |
| Voltage | : | DC24V (0.9A) AC110V (0.46A) AC220V (0.23A) |
| Temperature Level | : | -25 -80°C |
| Protection Class | : | IP65 |
| Diaphragm Life | : | One million blows or 3 years |

Material Construction

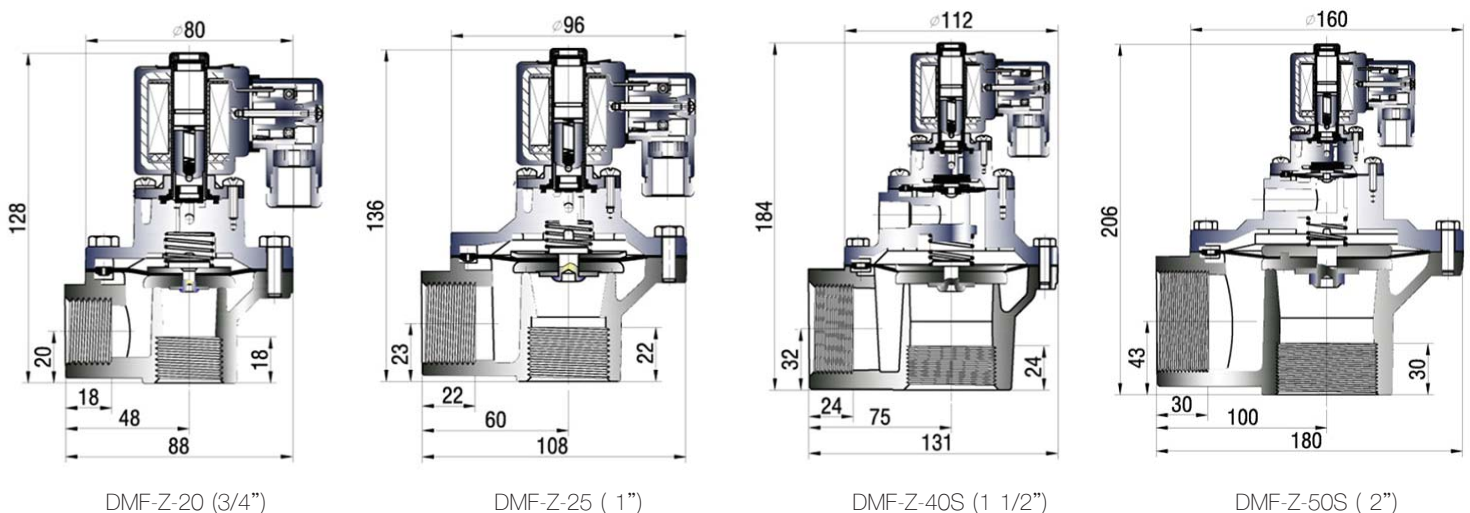
| | | |
|-------------------|---|------------------------|
| Body | : | ADC12diecast aluminium |
| Armature | : | 430FR stainless steel |
| Diaphragm & Seals | : | Continental Nitrile |
| Spring | : | 321 stainless steel |
| Screws | : | O2 stainless steel |

PULSE VALVE PROPERTY

The DMF-Z electromagnetic valve employs the rubber diaphragm as the switch element of pulse valve. The opening and closing of the valve is accomplished by changing the air room pressure in the front and back through the orifice and release hole.

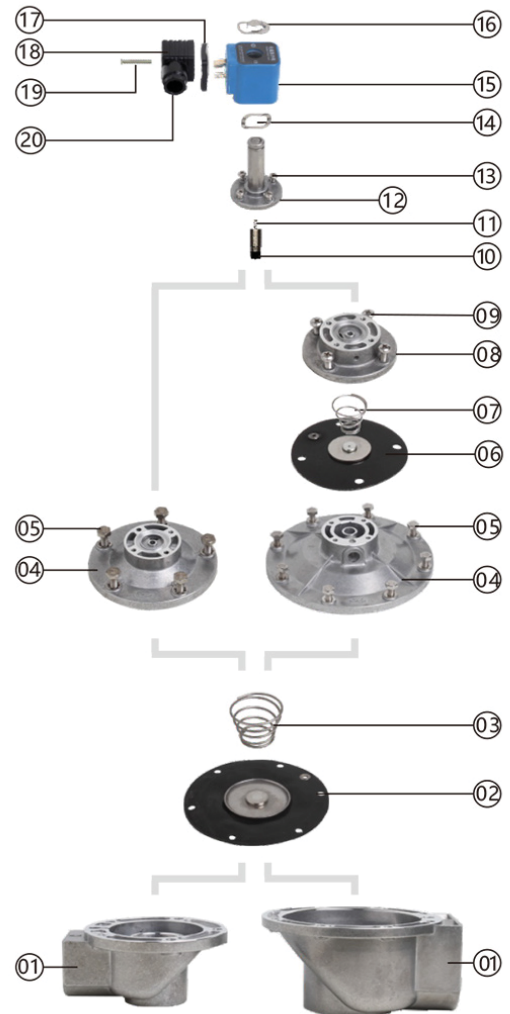
The angle between input and output ports of pulse valves within this series is 90°, called Right Angle Valve. Its input and output interface are designed to have internal threads connecting the short tube on the manifold box (air bag) and the injection pipe thread respectively. The valve is easy to install which is applicable for various kinds of filter equipments by providing satisfactory cleaning vibrating flow. Electromagnetic pulse valves of this series are classified as eight categories below : 20mm($3/4''$), 25mm($1''$), 40mm($1\frac{1}{2}''$), 50mm($2''$). Among which 20mm ($3/4''$) and 25mm ($1''$) are single diaphragm valve and 40mm($1\frac{1}{2}''$)-55mm($2''$) are double diaphragms valve.

DRAWING AND DIMENSION

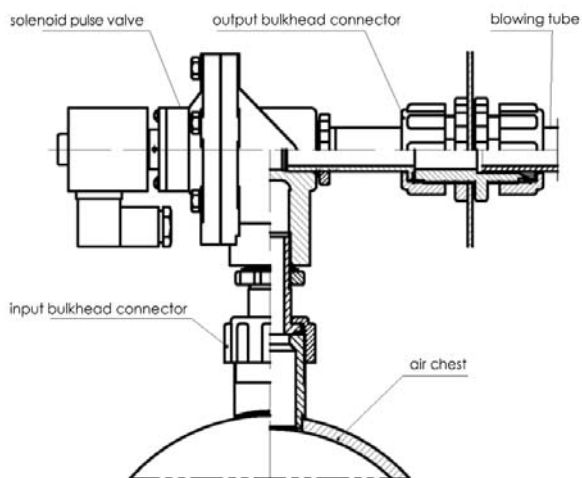


ACCU PULSE VALVE DMF-Z (Threaded connectors) PART

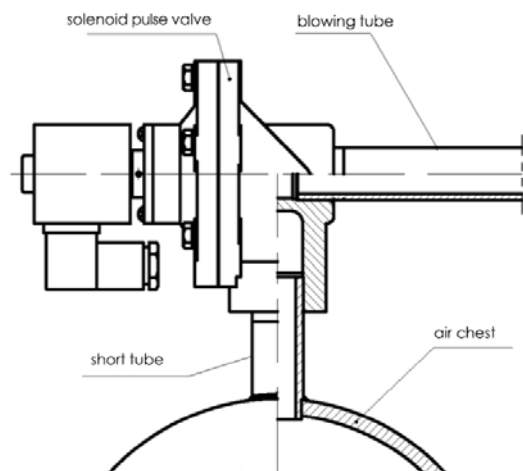
- 01 valve body
- 02 diaphragm (primary)
- 03 spring
- 04 valve top
- 05 bolt
- 06 diaphragm (assistant)
- 07 spring
- 08 valve top
- 09 screw
- 10 armature
- 11 spring
- 12 guidance
- 13 screw
- 14 waved washer
- 15 solenoid coil
- 16 block spring
- 17 sealing washer
- 18 junction box
- 19 screw
- 20 sealing connector



INSTALLATION



DMF-Z INSTALLATION (1)



DMF-Z INSTALLATION (2)

ACCU PULSE VALVE DMF-ZM (Quick connectors)

MODEL - DMF-ZM Size \varnothing 3/4" - 1" - 1 1/2"
Technical Index

| | | |
|-------------------|---|--|
| Working Pressure | : | 0.1MPa -0.6 MPa |
| Working Media | : | Clean air |
| Voltage | : | DC24V(0.9A) AC110V(0.46A) AC220V (0.23A) |
| Temperature Level | : | -25 -80°C |
| Protection Class | : | IP65 |
| Diaphragm Life | : | One million blows or 3 years |

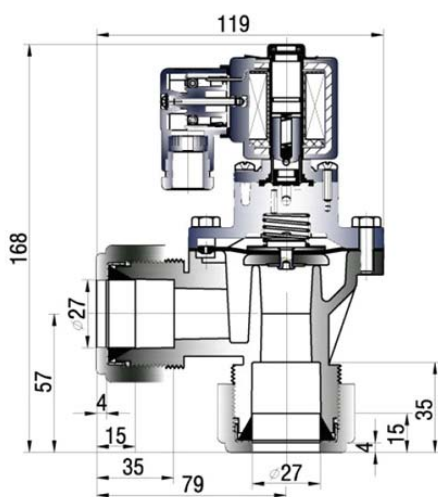
Material Construction

| | | |
|-------------------|---|------------------------|
| Body | : | ADC12diecast aluminium |
| Armature | : | 430FR stainless steel |
| Diaphragm & Seals | : | Continental Nitrile |
| Spring | : | 321 stainless steel |
| Screws | : | O2 stainless steel |

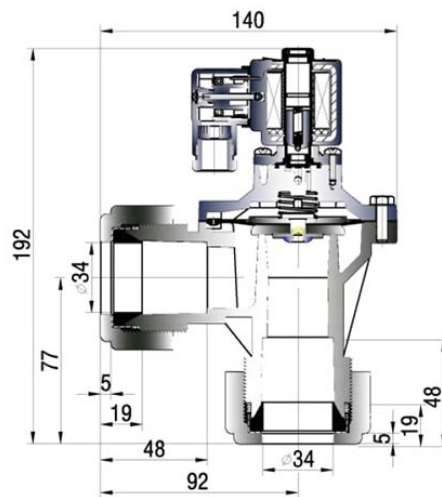
PULSE VALVE PROPERTY

The DMF-ZM electromagnetic valve employs the rubber diaphragm as the switch element of pulse valve. The opening and closing of the valve is accomplished by changing the air room pressure in the front and back: through the orifice and release hole.

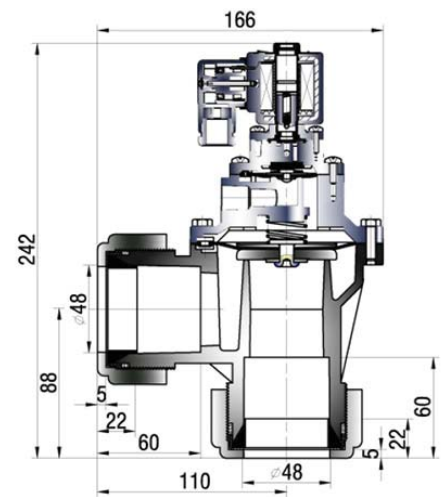
The angle between the input and output ports of pulse valves within this series is 90°, which could be called as Right Angle Valve. Its input and output interface are designed with outer thread equipping with press nut. During the installation, one should insert the short tube on the air chest (air bag) and the injection pipe into the conical sealing rings of input and output interfaces respectively and tighten the press nut. The valve is easy to install which is applicable for various kinds of filter equipments by providing satisfactory cleaning vibrating flow.

DRAWING AND DIAMENTION


DMF-ZM-20 (3/4")



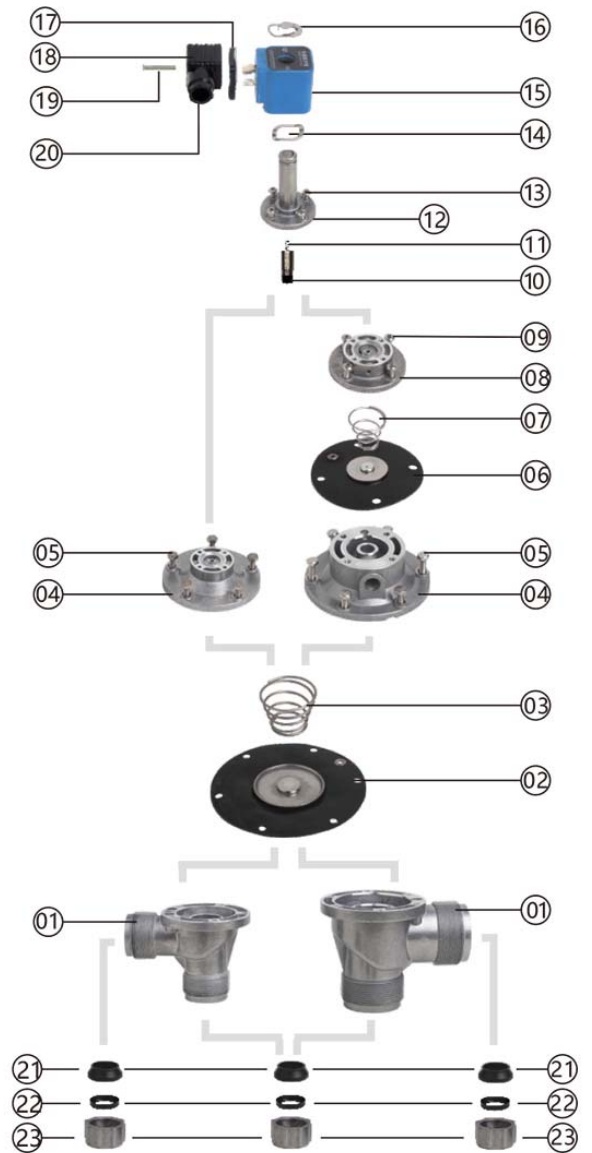
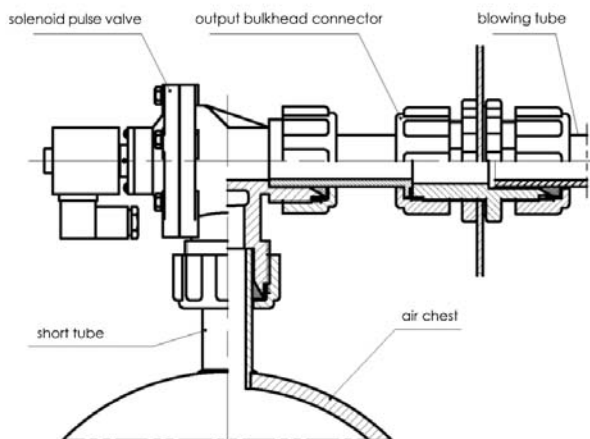
DMF-ZM-25 (1")



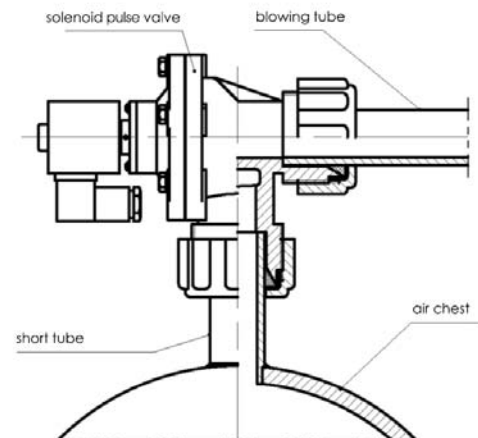
DMF-ZM-40S (1 1/2")

ACCU PULSE VALVE DMF-ZM (Quick connectors) PART

- 01 valve body
- 02 diaphragm (primary)
- 03 spring
- 04 valve top
- 05 bolt
- 06 diaphragm (assistant)
- 07 spring
- 08 valve top
- 09 screw
- 10 armature
- 11 spring
- 12 guidance
- 13 screw
- 14 waved washer
- 15 solenoid coil
- 16 block spring
- 17 sealing washer
- 18 junction box
- 19 screw
- 20 sealing connector
- 21 cone sealing washer
- 22 bowl washer
- 23 press nut


INSTALLATION


DMF-Z INSTALLATION (1)



DMF-Z INSTALLATION (2)

PULSE VALVE DMF-Y (Valves for flat surface)

MODEL - DMF-Y Size \varnothing 3/4" - 1" - 1 1/2"
Technical Index

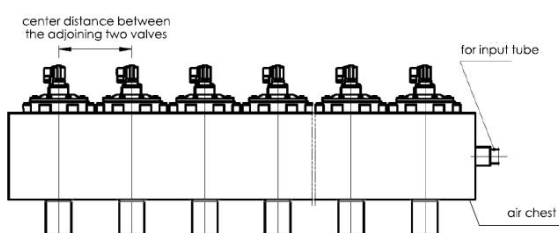
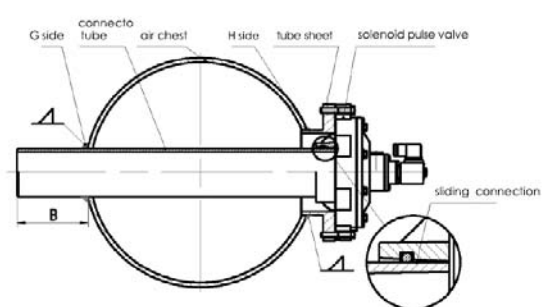
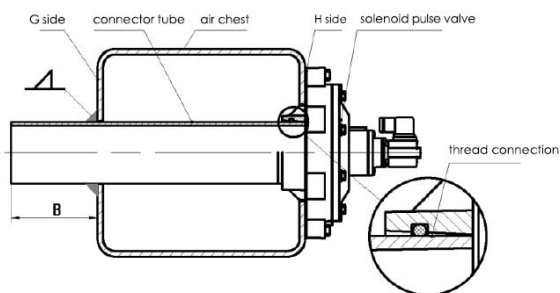
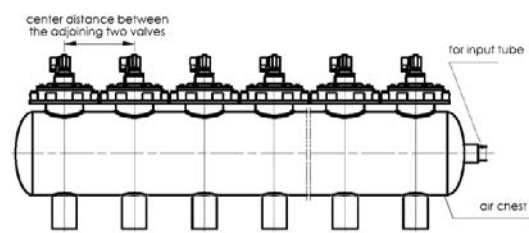
| | | |
|-------------------|---|------------------------------|
| Working Pressure | : | 0.1MPa -0.6 MPa |
| Working Media | : | Clean air |
| Voltage | : | DC24V(0.9A) |
| | | AC110V(0.46A) |
| | | AC220V (0.23A) |
| Temperature Level | : | -25 -80°C |
| Protection Class | : | IP65 |
| Diaphragm Life | : | One million blows or 3 years |

Material Construction

| | | |
|-------------------|---|------------------------|
| Body | : | ADC12diecast aluminium |
| Armature | : | 430FR stainless steel |
| Diaphragm & Seals | : | Continental Nitrile |
| Spring | : | 321 stainless steel |
| Screws | : | O2 stainless steel |

PULSE VALVE PROPERTY

Valves of this series are directly installed on the air chest [air bag) which is called immersion valve (also called as injection valve or low pressure valve). During the installation, one should fix the mounting hole on the collar flange of the valve with the air chest through bolts and connect the dust blowing tube with the output port extension tube outside the air chest. The character of the valve is good flow, low pressure loss and could provide satisfactory cleaning vibrating flow in the low pressure environments. The valve is applicable for various kinds of filter equipments.

INSTALLATION

DMF-Z INSTALLATION (1)

DMF-Z INSTALLATION (2)

Bulkhead Quick Connectors (FAP)

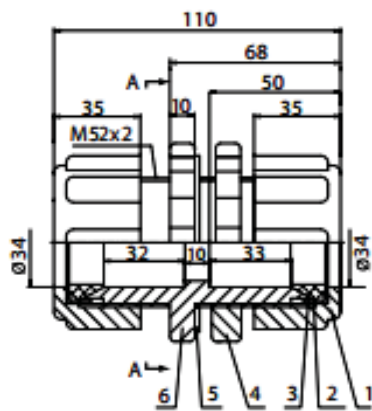
MODEL FAP-2 Size $\varnothing 3/4'' - 1'' - 1 1/2''$

Material Construction

Body : diecast aluminium

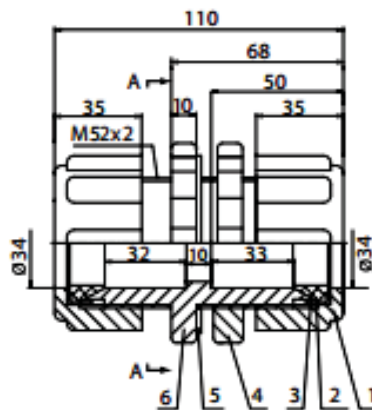
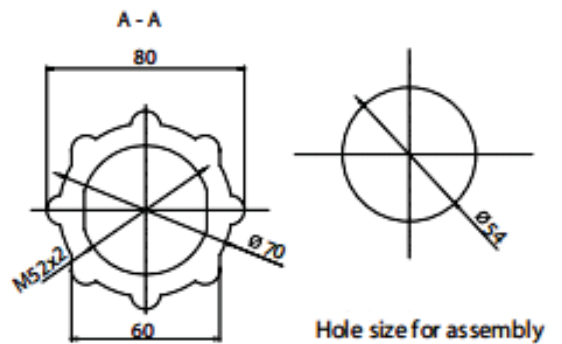
Seals : NBR

Special joint, which is reliable in use and convenient for installation and maintenance



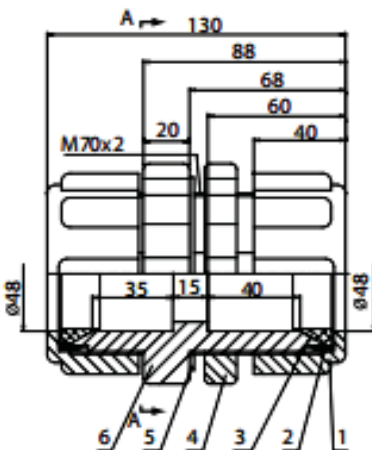
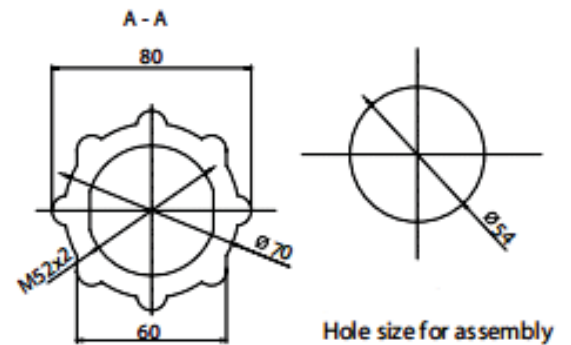
1. Compression nut
2. Bowl washer
3. Conical seal washer
4. Jam nut
5. Seal piece
6. Wall-crossing pipe

FAP-A-2-20



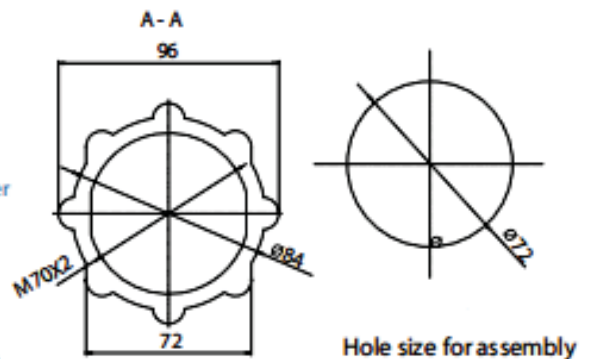
1. Compression nut
2. Bowl washer
3. Conical seal washer
4. Jam nut
5. Seal piece
6. Wall-crossing pipe

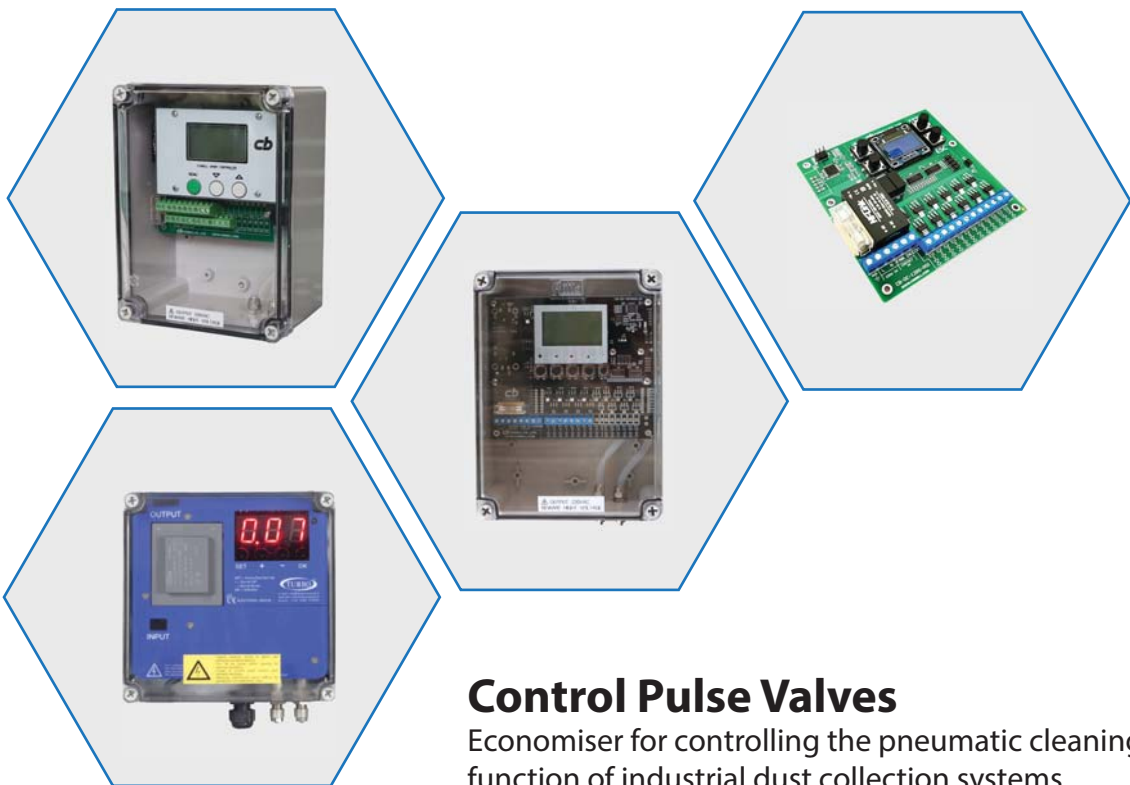
FAP-A-2-25



1. Compression nut
2. Bowl washer
3. Conical seal washer
4. Jam nut
5. Seal piece
6. Wall-crossing pipe

FAP-A-2-40





Control Pulse Valves

Economiser for controlling the pneumatic cleaning function of industrial dust collection systems



CB-STD-8-24M control unit sequencer 8-24 output channels

STD SOLUTION

Sequencer for controlling the pneumatic cleaning of industrial dust collector systems

Advance Method, state-of-the-art performances: advanced functions to manage the cleaning cycle, large number of parameters and management via serial line. Economisers in the STD SOLUTION range are digital sequential timers switches and are able to control from 8 to 24 solenoid valve srespectively.

In all versions there is a display that can display the most important features and it is possible to programme the various and customizable internal parameters with the 3 buttons on the panel. The states and functions are displayed by the lighting of LCD on the front panel of the instrument.

The controllers with AC/DC power supply are able to control both electronic valves 230VAC and 24VDC.



TECHNICAL SPECIFICATIONS

| | |
|------------------------------------|--|
| Power supply voltage | 230 Vac 50-60 Hz ± 10 % [24 Vdc (Optional)] |
| Output voltage for solenoid valves | 230 Vac 50-60 Hz 24 Vdc (Optional) |
| Inputs | Remote enabling [Terminal REMOTE IN] Post-cleaning cycles fan switch. (Terminal [FAN]) Auxiliary Relay [for screw and rotary, Terminal REMOTE OUT] |
| Solenoid valves output | Channels 8 16 24 |
| Electric consumption | 28 Watts at maximum load |
| Maximum load: | 3A @ 250Vac, 2A @ 24Vdc, |
| Alarm Relays | NO |
| Screen | Backlight LCD display |
| 5 x 20 mm glass fuse | 230 Vac 1 x 2 A 24 Vdc 1 x 2 A |
| Operating temperature | -10 °C - 55 °C |
| Casing | Base in ABS Lid in Polycarbonate IP66/IP67 |



CB-STD-8-24AT control unit sequencer 8-24 output channels **with built-in differential pressure**

STD SOLUTION

Sequencer for controlling the pneumatic cleaning of industrial dust collector systems **with built-in differential pressure**

Advance Method, state-of-the-art performances: advanced functions to manage the cleaning cycle, large number of parameters and management via serial line. Economisers in the STD SOLUTION range are digital sequential timers switches and are able to control from 8 to 24 solenoid valves respectively.

In all versions there is a display that can display the most important features and it is possible to programme the various and customizable internal parameters with the 3 buttons on the panel. The states and functions are displayed by the lighting of LCD on the front panel of the instrument.

The controllers with AC/DC power supply are able to control both electronic valves 230VAC and 24VDC.



TECHNICAL SPECIFICATIONS

| | |
|------------------------------------|--|
| Power supply voltage | 230 Vac 50-60 Hz ± 10 % [24 Vdc (Optional)] |
| Output voltage for solenoid valves | 230 Vac 50-60 Hz 24 Vdc (Optional) |
| Inputs | Remote enabling [Terminal REMOTE IN] Post-cleaning cycles fan switch. (Terminal [FAN]) Auxiliary Relay [for screw and rotary, Terminal REMOTE OUT] |
| Solenoid valves output | channels 8 16 24 |
| Electric consumption | 28 Watts at maximum load |
| Alarm Relays | 1 Point normally open |
| Maximum load: | 3A @ 250Vac, 2A @ 24Vdc, |
| Screen | Backlight LCD display |
| 5 x 20 mm glass fuse | 230 Vac 1 x 2 A 24 Vdc 1 x 2 A |
| Operating temperature | -10 °C - 55 °C |
| Differential pressure | 0-10 Kpa (2 point setting Pa , kPa , inH2O , mmH2O) |
| Casing | Base in ABS Lid in Polycarbonate IP66/IP67 |

CB-ECO-4-16M Control unit sequencer 4-16 output channels (Manual)

ECO SOLUTION

Sequencer for controlling the pneumatic cleaning of industrial dust collector systems

Classic Method, state-of-the-art performances and basic functions to manage the cleaning cycle, large number of parameters and management via serial line. Economisers in the ECO SOLUTION range are digital sequential timers switches and are able to control from 4 to 16 solenoid valves respectively.

In all versions there is a full display that can display the most important features and it is possible to programme the various and customizable internal parameters with the 3 buttons on the panel. The states and functions are displayed by the lighting of LCD on the front panel of the instrument.

The controllers with AC/DC power supply are able to control both electronic valves 220VAC and 24VDC.



TECHNICAL SPECIFICATIONS

| | |
|------------------------------------|---|
| Power supply voltage | 230 VAC 50-60 Hz \pm 10 % ,24 Vdc (Optional) |
| Output voltage for solenoid valves | 230 VAC 50-60 Hz 24 VDC (Optional) |
| Inputs | Post-cleaning cycles fan switch. (Terminal [FAN]) |
| Solenoid valves output | Channels 4 8 12 16 |
| Electric consumption | 28 Watts at maximum load |
| Alarm Relays | NO |
| Maximum load: | 3A @ 250Vac, 2A @ 24Vdc, |
| Screen | LCD display |
| 5 x 20 mm glass fuse | 230 Vac 1 x 2 A 24 Vdc 1 x 2 A |
| Operating temperature | -10 °C - 55 °C |
| Casing | Base in ABS Lid in Polycarbonate |



CB-ECO-4-16AT control unit sequencer 4-16 output channels **with built-in differential pressure**

ECO SOLUTION

Sequencer for controlling the pneumatic cleaning of industrial dust collector systems **with built-in differential pressure**

Classic Method, state-of-the-art performances and basic functions to manage the cleaning cycle, large number of parameters and management via serial line. Economisers in the ECO SOLUTION range are digital sequential timers switches and are able to control from 4 to 16 solenoid valves respectively.

In all versions there is a large display that can display the most important features and it is possible to programme the various and customizable internal parameters with the 3 buttons on the panel. The states and functions are displayed by the lighting of LCD on the front panel of the instrument.

The controllers with AC/DC power supply are able to control both electronic valves 220VAC and 24VDC.



TECHNICAL SPECIFICATIONS

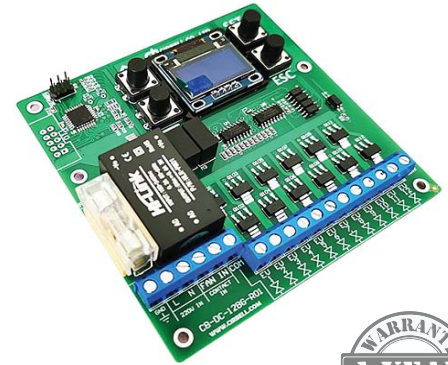
| | |
|------------------------------------|---|
| Power supply voltage | 230 Vac 50-60 Hz ± 10 % , 24 Vdc (Optional) |
| Output voltage for solenoid valves | 230 Vac 50-60 Hz 24 Vdc (Optional) |
| Inputs | Post-cleaning cycles fan switch. (Terminal [FAN]) |
| Solenoid valves output | Channels 4 8 12 16 |
| Electric consumption | 28 Watts at maximum load |
| Alarm Relays | 1 Point normally open (Terminal [ALARM]) |
| Maximum load: | 3A @ 250Vac, 2A @ 24Vdc, |
| Screen | LCD display |
| 5 x 20 mm glass fuse | 230 Vac 1 x 2 A 24 Vdc 1 x 2 A |
| Operating temperature | -10 °C - 55 °C |
| Differential pressure | 0-10 Kpa (2 point setting Pa , kPa , inH2O ,mmH2O) |
| Casing | Base in ABSLid in Polycarbonate |

CB-BUDGET-4-16M Control unit sequencer 6-12 output channels (Manual)

BUDGET SOLUTION

Sequencer for controlling the pneumatic cleaning of industrial dust collector systems ,Low cost with high performance and guaranteed reliability are able to control from 6 to 12 solenoid valves respectively.

In all versions there is a mini display that can display the most important features and it is possible to programme the various and customizable internal parameters with the 4 buttons on the panel. The states and functions are displayed by the lighting of LED on the front panel of the instrument.



TECHNICAL SPECIFICATIONS

| | |
|------------------------------------|---|
| Power supply voltage | 230 VAC 50-60 Hz ± 10 % |
| Output voltage for solenoid valves | 230 VAC 50-60 Hz |
| Inputs | Post-cleaning cycles fan switch. (Terminal [FAN]) |
| Solenoid valves output | Channels 6 12 |
| Electric consumption | 28 Watts at maximum load |
| Maximum load: | 3A @ 250Vac, |
| Screen | LED display |
| 5 x 20 mm glass fuse | 230 Vac 1 x 2 A |
| Operating temperature | -10 °C - 55 °C |
| Casing | NO |



SCREEN LCD DISPLAY

Press + to Change Value
กดปุ่ม + เพื่อเปลี่ยนข้อมูลตัวเลข

Press - to Move Cursor
กดปุ่ม - เพื่อเลื่อนตำแหน่งตัวเลข

SET

Press SET to SETUP / ENTER
กดปุ่ม SET เพื่อเข้า เมนูหรือ ยืนยันข้อมูล

Press ESC to ESCAPE /SKIP
กดปุ่ม ESC เพื่อยกเลิก หรือข้ามเมนู

ESC



DESCRIPTION

Sequencer for controlling the pneumatic cleaning of industrial dust collector systems. It has 2 output relay contacts and 2 digital input contacts. 3-digit luminous LED display, which allows to read the unit operating status, the active solenoid valves and any alarms, at all times.

OPTIONS UPON REQUEST

- Activation of 2 solenoid valves for every output channel.
- Cable glands for power supply input and output of solenoid valves drive cables.
- Connector from wired panel for connection to Matrix cabling.
- Built-in pilots for remote control of the pneumatic valves.
- Casing container with different format.
- Zone 22 ATEX Certification.

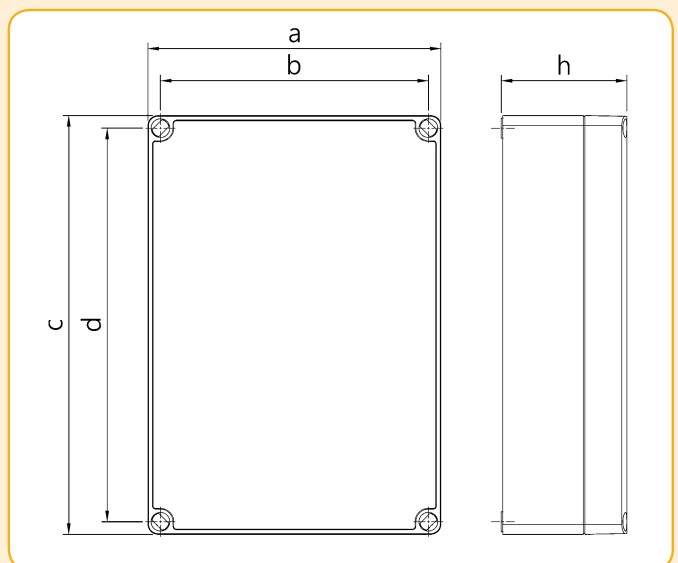
REFERENCE STANDARDS

- Directive 2014/30/EC Electromagnetic Compatibility meeting European harmonised standards EN61000-6-2:2005 class B in standard EN61000-6-4:2001
- Directive 2014/35/EU Low Voltage meeting European harmonised standards EN 60947-1:2004

For additional information and technical specifications, consult www.turbocontrols.eu

TECHNICAL SPECIFICATIONS

| | |
|--|--|
| Power supply voltage | 115 Vac 50-60 Hz \pm 10 % 230 Vac 50-60 Hz \pm 10 % |
| Power supply voltage upon request | 24 Vac \pm 10 % 24 Vdc \pm 10 % |
| Output voltage for solenoid valves | 115 Vac 50-60 Hz 230 Vac 50-60 Hz 24 Vac 24 Vdc |
| Inputs | Remote enabling consent switch. Post-cleaning cycles fan switch. |
| Solenoid valves output channels | 4 ÷ 16 |
| Electric consumption | 28 Watts at maximum load |
| Alarm Relays | 2 normally closed Maximum load: 3A @ 250Vac, 2A @ 24Vdc, 24 Vac. |
| Screen | 3 x 0.8 inch digit 7-segment LED display |
| 5 x 20 mm glass fuse | 115 or 230 Vac 1 x 1 A 24 Vac or 24 Vdc 1 x 3 A |
| Operating temperature | -10 °C - 55 °C |
| Storage temperature | -20 °C - 60 °C |
| Environmental humidity | 0 ÷ 95% Relative non condensing |
| Valves opening impulse time | 50 m.sec. ÷ 5 sec. |
| Interval pause time between valves opening | 1 sec. ÷ 999 sec. |
| Casing | Base in ABS Lid in Polycarbonate |
| Protection rating from water and dust | IP65 DIN EN 60529 |
| Shock resistance | IK07 2 Joule (EN62262) |



| | Number of output channels | | Dimension of the Structure | | | | |
|---------|---------------------------|-----|----------------------------|-----|----|--|--|
| | a | b | c | d | h | | |
| 4 ÷ 8 | 175 | 160 | 175 | 160 | 75 | | |
| 12 ÷ 16 | 175 | 160 | 250 | 235 | 75 | | |



DESCRIPTION

Economiser for controlling the pneumatic cleaning of industrial dust collector systems. It has 2 output relay contacts and 2 digital input contacts. Differential pressure digital control through internal transducer, which allows the accurate analysis of the filter clogging status. 3-digit luminous LED display, which allows to read the filter clogging status, the active solenoid valves and any alarms, at all times.

OPTIONS UPON REQUEST

- Activation of 2 solenoid valves for every output channel.
- Cable glands for power supply input and output of solenoid valves drive cables.
- Connector from wired panel for connection to Matrix cabling.
- Built-in pilots for remote control of the pneumatic valves.
- Casing container with different format.
- Zone 22 ATEX Certification.

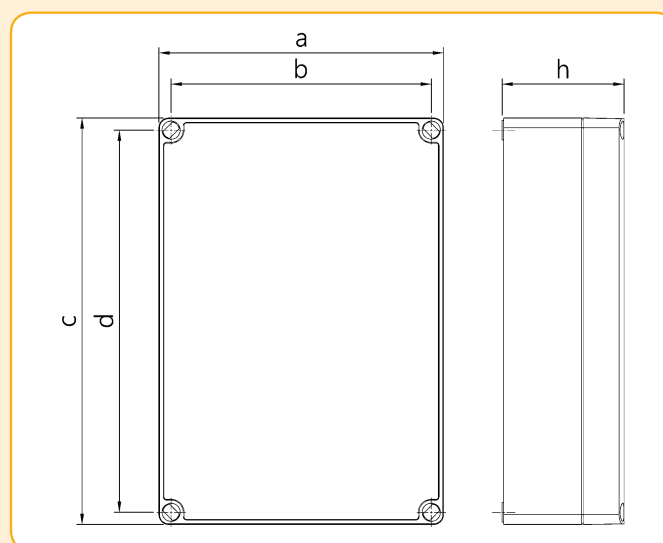
REFERENCE STANDARDS

- Directive 2014/30/EC Electromagnetic Compatibility meeting European harmonised standards EN61000-6-2:2005 class B in standard EN61000-6-4:2001
- Directive 2014/35/EU Low Voltage meeting European harmonised standards EN 60947-1:2004

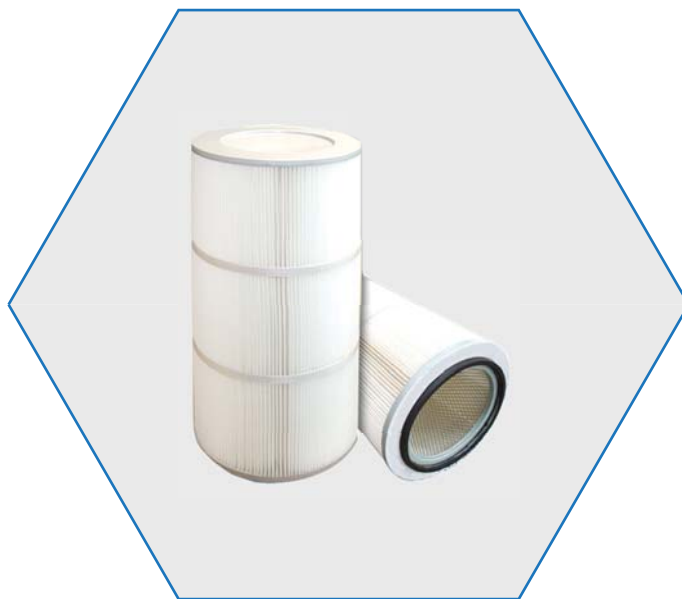
For additional information and technical specifications, consult www.turbocontrols.eu

TECHNICAL SPECIFICATIONS

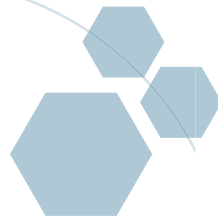
| | |
|--|---|
| Power supply voltage | 115 Vac 50-60 Hz \pm 10 % 230 Vac 50-60 Hz \pm 10 % |
| Power supply voltage upon request | 24 Vac \pm 10 % 24 Vdc \pm 10 % |
| Output voltage for solenoid valves | 115 Vac 50-60 Hz 230 Vac 50-60 Hz 24 Vac 24 Vdc |
| Inputs | Remote enabling consent switch. Post-cleaning cycles fan switch. |
| Solenoid valves output channels | 4 ÷ 16 |
| Active output 4-20ma | Proportional to the dP reading for remote consultation of the pressure. |
| Electric consumption | 28 Watts at maximum load |
| Alarm Relays | 2 normally closed Maximum load: 3A @ 250Vac, 2A @ 24Vdc, 24 Vac. |
| Differential pressure switch | 0 - 4 kPa |
| Screen | 3 x 0.8 inch digit 7-segment LED display |
| 5 x 20 mm glass fuse | 115 or 230 Vac 1 x 1 A 24 Vac or 24 Vdc 1 x 3 A |
| Operating temperature | -10 °C - 55 °C |
| Storage temperature | -20 °C - 60 °C |
| Environmental humidity | 0 ÷ 95% Relative non condensing |
| Valves opening impulse time | 50 m.sec. ÷ 5 sec. |
| Interval pause time between valves opening | 1 sec. ÷ 999 sec. |
| Casing | Base in ABS Lid in Polycarbonate |
| Protection rating from water and dust | IP65 DIN EN 60529 |
| Shock resistance | IK07 2 Joule (EN62262) |



| | Number of output channels | | Dimension of the Structure | | | |
|---------|---------------------------|-----|----------------------------|-----|----|--|
| | a | b | c | d | h | |
| 4 ÷ 8 | 175 | 160 | 175 | 160 | 75 | |
| 12 ÷ 16 | 175 | 160 | 250 | 235 | 75 | |



Cartridge Filter
Suitable for the filtration of fine dusts



Spun bonded Polyester Air Cartridge Filter (PE Media)

Product Features

- 1) Suitable for the filtration of fine dust type in plastics, spray powder, sand blasting, pigment and wood industries.
- 2) Imported long fiber polyester filter material with tight pore structure.
- 3) Excellent moisture resistance and dust release properties.
- 4) Durable and rigid material, washable Greater withstanding performance to pulse jet than traditional materials.
- 5) Electrochemical plate top and bottom, no rust Perforated zinc galvanized metal inner core allows good airflow.
- 6) Specialty chlorine rubber gasket to ensure airtight sealing.
- 7) Applicable temperature : 93 -135oC.
- 8) Out side strabe anti cartridge not deform.
- 9) Anti-Static for explosive dust to the electrical load.
- 10) Excellent filter efficiency 99.99 % at 5 micron.
95 % at 1 micron.

PEC-10 OD = 324 mm ID = 213 mm L = 660 mm
Filtration surface(m2) = 9.4 m2

คุณสมบัติ

- 1) เหมาะสำหรับการกรองฝุ่นที่ละเอียด เช่น พลาสติก ผงแป้ง ฝุ่นละออง ที่เกิดจากการพ่นทราย ห้องพ่นสี ออบเคมี และอุตสาหกรรมไม้
- 2) วัสดุนำเข้าทำจากไฟเบอร์เป็นฟิลเตอร์กรองฝุ่นชนิดที่มีความเหนียวทนทานเป็นพิเศษ และมีโครงสร้างที่แข็งแรง
- 3) ทนทานต่อความชื้น และทำความสะอาดง่าย
- 4) วัสดุทนต่อแรงลมกระแทกขณะทำความสะอาดถุงกรอง
- 5) โครงสร้างยึดแผ่นกรองด้านบน-ด้านล่างเป็นเหล็กขาและไม้ชิ้นสนิม โครงยึดด้านในเป็นตะแกรงเหล็กหุ้มสังกะสีเพื่อเสริมความแข็งแรงและสะดวกต่อการไหลผ่านของอากาศ
- 6) ประกันป้องกันการรั่วซึมของอากาศทำจากยางชนิดพิเศษ
- 7) ทนความร้อนได้ที่อุณหภูมิ 93 – 135 o C
- 8) ปลวกกัดจิบด้านนอก 2-3 ระดับป้องกันจิบล้ม และเสียรูป





Spun bonded Polyester Air Cartridge Filter with PTFE Coating

Product Features

- 1) Suitable for the filtration of very, very fine dust type in welding fumes, mechanical processing, pharmaceutical and construction industries And sticky dust collection. Organic, antistatic material, high moisture.
- 2) Imported spun bonded polyester with PTFE membrane, microporous Offers 99.99 +% filter efficiency. At 0.1 micron.
- 3) Wide pleat spacing and smooth, hydrophobic PTFE provides excellent particle release.
- 4) Excellent resistance to chemical erosion.
- 5) Electrochemical plate / stainless steel top and bottom, no rust Perforated zinc galvanized metal inner core allows good airflow.
- 6) Applicable temperature : 93 -135oC.
- 7) Out side strape anti cartridge not deform.



คุณสมบัติ

- 1) เหมาะสำหรับกรองฝุ่นที่ละเอียดมาก ๆ เช่น ฝุ่นควันจากการเชื่อม การใช้เครื่องจักรในโรงงานอุตสาหกรรม และฝุ่นที่มีความชื้นสูง เช่น ละออง น้ำ ละอองน้ำมันที่มีความเหนียวอยู่ในตัว เคมีที่กัดกร่อน และฝุ่นที่มีไฟฟ้าสถิตในตัว
- 2) วัสดุนำเข้าทำด้วยโพลีเอสเตอร์ ชนิด PTFE ชนิดพิเศษมีความสามารถในการกรองฝุ่นได้สูงสุด 99.99 % ที่ขนาดของฝุ่น 0.1 ไมครอน
- 3) มีพื้นที่ในการกรองมากและเรียบ ซึ่งวัสดุเป็นชนิด ไฮโดรโฟบิก (PTFE) ซึ่งสะดวกต่อการทำความสะอาดขึ้นส่วนจากการกรอง
- 4) ฟิลเตอร์เคลือบสารป้องกันจากการกัดกร่อนจากสารเคมี
- 5) โครงสร้างยึดแผ่นกรองด้านบน - ด้านล่างเป็นเหล็กชุบสังกะสี โครงสร้างยึดด้านในเป็นตะแกรงสังกะสีสะดวกต่อการไหลผ่านของอากาศ
- 6) ทนความร้อนได้ที่อุณหภูมิ 93 -135oC.
- 7) ปลอกรัดจับด้านนอก 2-3 ระดับป้องกันจับล้น และเสียรูป

PPK-10 OD = 324 mm ID = 213 mm L = 660 mm
Filtration surface(m2) = 9.4 m2



Cellulose Air Cartridge Filter

Product Features

Suitable for the filtration of fine dust type in gas turbines, compressors, shot blast, tobacco, pulverized coal ash and floating dust collection.

- 1) Imported cellulose fiber or synthetic fiber for base media.
- 2) Excellent filter efficiency 99.99 % at 0.1 micron.
- 3) Wide pleat spacing, great filter surface (20m² / set).
- 4) Electrochemical plate top and bottom, no rust.
- 5) Perforated zinc galvanized metal inner core, allows good airflow.
- 6) Specialty chlorine rubber gasket to ensure airtight sealing.
- 7) Applicable temperature : 65oC.
- 8) Inner and outer screen anti cartridge not deform.

CEC-20 OD = 324 mm ID = 213 mm L = 660 mm
Filtration surface(m²) = 20 m²

คุณสมบัติ

เหมาะสำหรับฝุ่นละเอียดที่ใช้กับแก๊สเทอร์ไบน์ คอมเพรสเซอร์ คิว้นจากการหลอม คิว้นบุหรี คิว้นจากถ่านหิน และฝุ่นละอองที่ลอยในอากาศ

- 1) วัสดุเป็นชนิดเซลลูโลสไฟเบอร์ หรือเคมีไฟเบอร์
- 2) มีคุณสมบัติในการกรองเป็นอย่างดีที่ 99.99 % ที่ 0.1 ไมครอน
- 3) มีพื้นที่ในการกรองมาก สวยเรียบ
- 4) แผ่นยึดด้านบน - ด้านล่าง เคลือบเคมีชนิดกันสนิม
- 5) โครงตะแกรงด้านในเป็นเหล็กชุบสังกะสีไม่ขึ้นสนิม และอากาศไหลผ่านได้ดี
- 6) มีประกันป้องกันการซึมรั่วของอากาศทำจากยางชนิดพิเศษ
- 7) ทนอุณหภูมิได้ที่ 65°C
- 8) ด้านนอกและด้านในเป็นโครงตะแกรงป้องกันจับลัมและเสียรูป





differential pressure gauge
&
Digital differential pressure gauge



J-5000 型氣體微差壓表

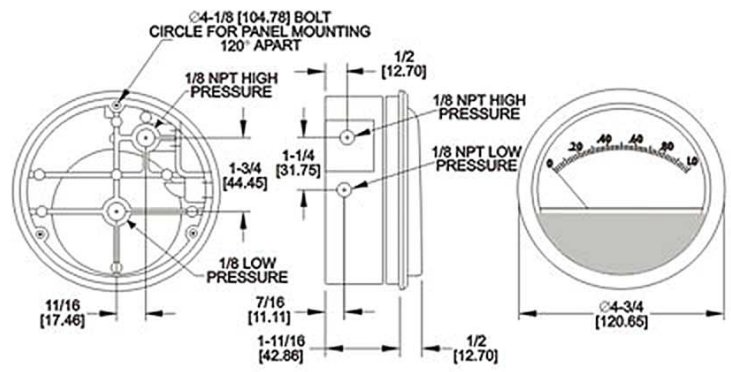
J-5000 AERO TYPE DIFFERENTIAL PRESSURE GAUGES

Quality Technology

中、美、日、韓、加、台六國專利

WORLD PATENT of 6 COUNTRIES

CHINA、AMERICA、JAPAN、KOREA、CANADA、TAIWAN



J-5000型機械式微差壓表是利用簡單,無摩擦的磁體螺旋運動,以橡膠膜片作為敏感元件而進行測量工作的彈性壓力錶. 它能利用指標迅速指示出被測氣體的壓力,無論是正壓,負壓或差壓. 此設計具有防震,搖動和過壓的功能. 而且表內無需充注液體,也就沒有氣化,凍結,異味的問題出現.

J-5000 type Differential Pressure Gauge make used of simplicity; have no friction of the magnetic element of spiral movement, with rubber film slice as the sensitive component in measuring flexibility pressure. It can make use of index sign to indicate the measuring of gaseous pressure quickly, no matter of positive, negative or differential pressure. This design has quakeproof, shaking and over pressure function. Nevertheless, there's no need to have liquid filling inside, therefore, no gaseous, freezing, and strange smell will appears in this matter.

J-5000型差壓錶被廣泛應用於測量風扇和鼓風機的壓力,篩檢程式阻力,風速,爐壓,孔板差壓,同時也用於燃燒過程中的空氣煤氣比值控制及自動閥控制,以及醫療保健設備中的血壓和呼吸壓力監測.

J-5000 type's differential pressure gauges is extensively been applied in pressure of measuring the fan and drum breeze machine, screening out the program resistance, wind velocity, the stove presses, hole plank differential gauge, also be used for burnable the air coal gas specific value within process control and the automatic valve control, and the medical treatment care for the blood pressure equipment and to monitor the breathe pressure.

過程連接: 高壓和低壓孔均為1/8" 錐管螺紋, 兩組(側面和背面各一組)
Process conjunction: high pressure and low-pressure hole of 1/8" drill tube thread, 2 set(side and back each)

標準附件: 2個1/8" NPT堵頭, 2個1/8" 螺紋橡膠管接頭, 和3個帶螺釘的嵌入式安裝螺釘卡.
Standard fitting: 2 pcs 1/8" NPT head, 2 pcs 1/8" spiral plastic tube; & 3 pcs with bolt for bolt card installation.

外殼材質: 壓模鑄鋁或含尼龍的ABS塑膠.

Casing Material: cast aluminum press or Nylon with ABS plastic

精確度: 標準為±2%FS

Accuracy: Standard ±2%FS

環境溫度: -7 ~ 60°C

Environmental temperature: -7 ~ 60°C

ELECALL MANOMETER TE2000



0-250 mmH2O

PRODUCT FEATURES



- Eliminating the friction caused by the rotation of the gear
- Change the conventional liquid without filling
- Industrial grade quality professional work

INSTALLATION ACCESSORIES



- 2 Pcs 1/8" internal room temperature and atmospheric pressure high-low pressure copper Taper pipe threads
- 2 Pcs 1/8" internal high-low pressure taper pipe plug head.
- The embedded installation adapter and screw



cirbell@outlook.co.th <http://cirbell.com> +66 2077-9025

PRODUCT INFORMATION



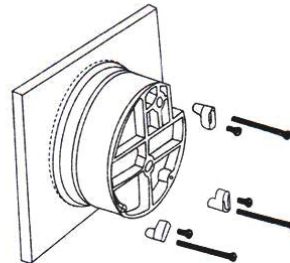
| | |
|----------------------|---------------|
| Specifications Model | TE2000 Gauge |
| Ambient Temperature | -6~60°C |
| Rated Pressure | -68~103KPa |
| Shell Material | Aluminum Film |

TECHNICAL PARAMETERS

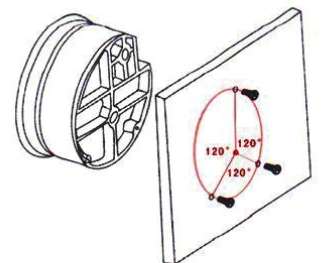
| | |
|----------------------|---|
| Overload Pressure | About 172KPa overvoltage when the rubber stopper has been rushed to open |
| Process Connection | 1/8" female NPT high and low pressure taps, duplicated, one pair side and one pair back Shell Material: Aluminum External, final coating film dark black |
| Shell Material | Aluminum External, final coating film dark black |
| Accuracy | ± 2% FS (21 ° C) |
| Standard Accessories | Two 1/8" NPT plugs for duplicate pressure nozzles, two 1/8" pipe thread for rubber fittings. Three bolts with countersunk mounting interface. |

INSTALLATION METHOD

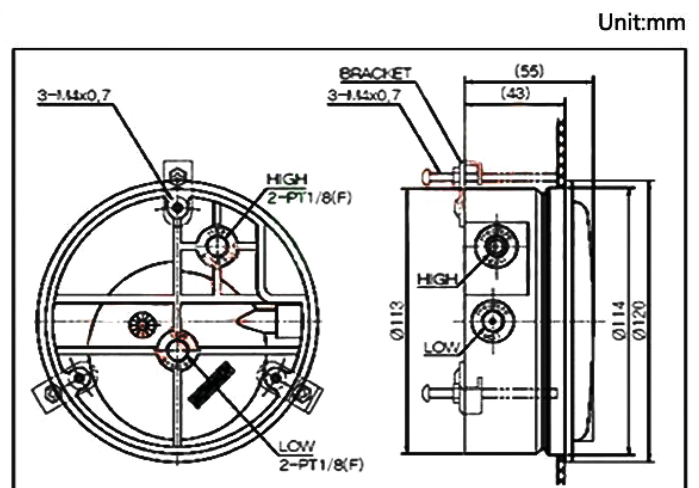
Embedded installation



Surface mount



PRODUCT SIZE



Unit:mm