FITAIR PNEUMATICS

Quality ● Reliability ● Performance

HYDINT®

INTRODUCES NEW PRODUCT RANGE

- CYLINDERS
- VALVES
- FRL'S
- FITTINGS
- MOISTURE SEPARATORS
- AUTO DRAIN VALVES
- ACCESSORIES





PNEUMATIC FITTINGS & VALVES

DOUBLE ACTING PNEUMATIC CYLINDER NON MAGNETIC
Model : HSC



Bore Size : 32MM to 250MM
Stroke : Upto 1000MM
End Cover : Aluminium
Barrel : Aluminium
Seals : NBR
Pressure : Upto 10 Kg / cm^2
Temp. : Upto 80 ^oC

DOUBLE ACTING PNEUMATIC CYLINDER MAGNETIC
Model : HSU



Bore Size : 32MM to 100MM
Stroke : Upto 100 MM
End Cover : Aluminiuim
Barrel : Aluminium
Seals : NBR
Pressure : 10 Kg/cm^2
Temp. : 80 ^oC

DOUBLE ACTING PNEUMATIC CYLINDER
Model : HTN



Bore Size : 20MM to 32MM
Stroke : Upto 50 MM
End Cover : Aluminiuim
Barrel : Aluminium
Seals : NBR
Pressure : Upto 10 Kg/cm^2
Temp. : Upto 60 ^oC

DOUBLE ACTING PNEUMATIC CYLINDER
Model : HDSNU



Bore Size : 16, 20 & 25MM
Stroke : 25MM to 200MM
Piston : Aluminium
Seal : NBR
Pressure : Upto 10 Kg/cm^2
Temp. : 60 ^oC

DIRECT ACTING SOLENOID VALVE
Model : HMV-2V-025-08 / HMV-3V-025-08



Size : 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

3/2 WAY SINGLE SOLENOID VALVE
Model : 3VH210 / 3VH410



Size : 1/8", 1/4", 3/8" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

5/2 WAY SINGLE SOLENOID VALVE
Model : 4VH210 / 4VH410



Size : 1/8", 1/4", 3/8" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

5/2 WAY DOUBLE SOLENOID VALVE
Model : 4VH220 / 4VH420



Size : 1/4", 3/8" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

5/3 WAY DOUBLE SOLENOID VALVE
Model : 4VH230 / 4VH430



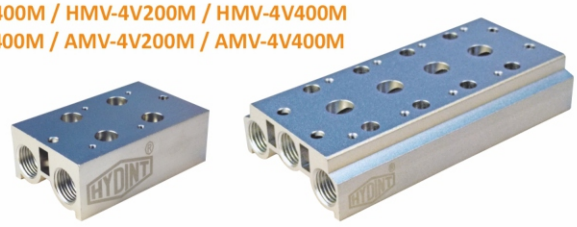
Size : 1/4", & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

HMV NAMUR TYPE SOLENOID VALVE SUITABLE FOR ACTUATORS
Model : 4VH310-08B



Size : 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

SINGLE & DOUBLE SOLENOID GANG VALVE (3/2, 5/2 & 5/3 WAY)
Model : HMV-3V200M / HMV-3V400M / HMV-4V200M / HMV-4V400M
Model : AMV-3V200M / AMV-3V400M / AMV-4V200M / AMV-4V400M



Size : 1/4" & 1/2"
Gand Valve : 2, 3, 4, 5, 6, 8 & 10
Body : Aluminium Anodized

MICRO 5/2 WAY SINGLE SOLENOID VALVE
Model : HSY5120-01 / HSY7120-02



Size : 1/8" & 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 7 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

MICRO 5/2 WAY DOUBLE SOLENOID VALVE
Model : HSY5220-01 / HSY7220-02



Size : 1/8" & 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 7 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

2/2 WAY DIAPHRAGM SOLENOID VALVE
Model : 2W Series



Size : 1/4" to 2"
Body : Zinc Alloy
Diaphragm : NBR
Pressure : 0 to 7 Kg/cm^2 (Air)
0 to 5 Kg/cm^2 (Water)
Temp. : Upto 80 ^oC
Coil Volt. : 230V AC, 24V DC, 110V AC
Ends : Screwed (BSP)

3/2 WAY HAND LEVER VALVE SPRING RETURN / DETENT
Model : H3H210-08-S
H3H410-15-S



5/2 WAY HAND LEVER VALVE SPRING RETURN / DETENT
Model : H4H210-08-L
H4H410-15-L



5/3 WAY HAND LEVER VALVE DETENT
Model : H4H230-08-L
H4H430-15-L



5/3 WAY HAND LEVER VALVE CENTER SPRING (PHN)
Model : H4H230-08-S
H4H430-15-S



Size : 1/4" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^oC
Media : Compressed Air

PNEUMATIC FITTINGS & VALVES

3/2 WAY PUSH PULL VALVE SPRING RETURN / DETENT
Model : H3R210-06-L / H3R210-08-L



Size : 1/8" & 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

5/2 WAY PUSH PULL VALVE SPRING RETURN / DETENT
Model : H4R210-06-L / H4R210-08-L



Size : 1/8" & 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

DISC ROTARY VALVE
Model : HMV-DRV-06 / HMV-DRV-15



Size : 1/4" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 8 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

DISC ROTARY VALVE
Model : H4HV230-08 / H4HV330-10 / H4HV430-15



Size : 1/4", 3/8" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

5/2 WAY FOOT PEDAL VALVE
Model : H4F210-08 / H4F210-08L (WITH LOCK)



Size : 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

5/2 WAY FOOT PEDAL VALVE WITH GUARD
Model : H4F210-08G



Size : 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

5/2 WAY FOOT PEDAL VALVE
Model : HFV320 (3/2 WAY) / HFV420 (4/2 WAY)



Size : 1/4"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

HAND SLIDE VALVE
Model : HSV-MF



Size : 1/8", 1/4", 3/8", 1/2", 3/4" & 1"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

FLOW CONTROL VALVE
Model : HASC



Size : 1/8", 1/4", 3/8" & 1/2"
Body : Aluminium
Seals : Nitrile
Pressure : Upto 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

SINGLE CHECK QUICK RELEASE COUPLING



HSM HPM HSF HPF HSH HPH HSP HPP

Size : 1/4", 3/8" & 1/2"
Body : Steel
Type : Single Check
Leakage : Bubble Tight
Pressure : 10 Kg/cm^2
Temp. : Upto 85 ^{o}C
Connection : Male, Female, Hose, PU Tube
Media : Compressed Air / Water / Oil & Gas

AIR FILTER
Model : FPF - 13, 14A, 14B, 15A, 15B, 17



Size : 1/4" to 1"
Body : Aluminium Pressure Die Cast
Bowl : Polycarbonate with Metal Guard
Element : Sinter Bronze (20 Micron)
Pressure : 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

AIR REGULATOR WITH PRESSURE GAUGE
Model : FPR - 13, 14A, 14B, 15A, 15B, 17



Size : 1/4" to 1"
Body : Aluminium Pressure Die Cast
Pressure : 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

AIR LUBRICATOR
Model : FPL - 13, 14A, 14B, 15A, 15B, 17



Size : 1/4" to 1"
Body : Aluminium Pressure Die Cast
Bowl : Polycarbonate with Metal Guard
Pressure : 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air
Use ISOVG32 Grade Oil

AIR F + R COMBINATION WITH PRESSURE GAUGE
Model : FPFRC - 13, 14A, 14B, 15A, 15B, 17



Size : 1/4" to 1"
Body : Aluminium Pressure Die Cast
Bowl : Polycarbonate with Metal Guard
Element : Sinter Bronze (20 Micron)
Pressure : 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air

AIR FR + L SETS 2 PC WITH PRESSURE GAUGE
Model : FPFRCLM - 13, 14A, 14B, 15A, 15B, 17



Size : 1/4" to 1"
Body : Aluminium Pressure Die Cast
Bowl : Polycarbonate with Metal Guard
Element : Sinter Bronze (20 Micron)
Pressure : 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air
Use ISOVG32 Grade Oil

AIR FR + L SETS 2 PC WITH PRESSURE GAUGE
Model : HAFC2000



Size : 1/4"
Body : Aluminium Pressure Die Cast
Bowl : Polycarbonate with Metal Guard
Element : Sinter Bronze (20 Micron)
Pressure : 10 Kg/cm^2
Temp. : 55 ^{o}C
Media : Compressed Air
Use ISOVG32 Grade Oil

AIR F + R COMBINATION WITH PRESSURE GAUGE
Model : FSPFRC - 13M



Size	: 1/4"
Body	: Aluminium Pressure Die Cast
Bowl	: Polycarbonate with Metal Guard
Element	: Sinter Bronze (20 Micron)
Pressure	: 10 Kg/cm²
Temp.	: 55 °C
Media	: Compressed Air

AIR FR + L SETS 2 PC WITH PRESSURE GAUGE
Model : FSPFRCLM - 13, 13M, 15A



Size	: 1/4" & 1/2"
Body	: Aluminium Pressure Die Cast
Bowl	: Polycarbonate with Metal Guard
Element	: Sinter Bronze (20 Micron)
Pressure	: 10 Kg/cm²
Temp.	: 55 °C
Media	: Compressed Air

Use ISOVG32 Grade Oil

BRASS BALL VALVE HAND LEVER OPERATED
Model : HBBV-SE



Size	: 1/4" to 2"
Body, Ball & Stem	: Brass
Seal & Seat	: PTFE
Pressure	: 0 to 10 Kg/cm²
Temp.	: 180 °C
Ends	: Screwed BSP (F)

GENUINE BRASS

S. S. 304 SINGLE PIECE BALL VALVE HAND LEVER OPERATED
Model : HSSBV



Size	: 1/4" to 2"
Body, Ball & Stem	: S. S. 304
Seal & Seat	: PTFE
Pressure	: 0 to 16 Kg/cm²
Temp.	: 180 °C
Ends	: Screwed BSP (F)

S. S. 304

BRASS MINI BALL VALVE
Model : HBVB



Body	: Brass
Size	: 1/4", 3/8" & 1/2" (MXF & FXF)
Pressure	: 10 Kg /cm²
Temp.	: 55 °C
Media	: Compressed Air

BRASS NON RETURN VALVE UNIVERSAL DESIGN
Model : HBNRV



Size	: 1/2" to 2"
Body	: Brass
Valve	: Brass
Pressure	: Upto 10 Kg/cm²
Temp.	: Upto 55 °C
Media	: Air / Water / Oil
Ends	: Screwed (BSP)

S. S. 304 NON RETURN VALVE VERTICAL DESIGN
Model : HSNRV



Size	: 1/2", 3/4" & 1"
Body	: S. S. 304
Valve	: S. S. 304
Pressure	: Upto 16 Kg/cm²
Temp.	: Upto 55 °C
Media	: Air / Water & Oil
Ends	: Screwed BSP (F)

BRASS NON RETURN VALVE HORIZONTAL DESIGN
Model : HBNRV



Size	: 1/2" to 2"
Body & Valve	: Brass
Pressure	: Upto 10 Kg/cm²
Temp.	: Upto 55 °C
Media	: Air / Water & Oil
Ends	: Screwed BSP (F)

PRESSURE SWITCH
Model : QPM-11-NO-01 / QPM-11-NC-01



Pressure	: Upto 1 to 7 Kg/cm²
Temp.	: 50 °C
Oper. Voltage	: 110 / 220V AC & 12 / 24V DC
Max. Current	: 500 mA
Media	: Compressed Air

PRESSURE SWITCH
Model : HKP-35 / HKP-36



Size	: 1/4"
Regulation Range	: -0.20 to 7.50 Bar (HKP-35) 2.00 to 14.00 Bar (HKP-36)
Differential Press.	: 0.7 to 4 Bar
Temp.	: Upto 60 °C

WATER FLOW SWITCH
Model : HFS



Pressure	: 10 Kg/cm²
Media Temp.	: 100 °C
Electrical Spec.	: Single Pole Double Throw (SPDT), 230V AC (15A)

MOISTURE SEPARATOR WITH AUTO DRAIN BOWL
Model : COMBO-01-AT



Size	: 1/4"
Body	: Aluminium Pressure Die Cast
Pressure	: 10 Kg/cm²
Temp.	: 55 °C
Media	: Compressed Air

COMPACT DESIGN MOISTURE SEPARATOR
Model : M3C 03



Size	: 1/2"
Body	: Aluminium
Pressure	: Upto 10 Kg/cm²
Temp.	: Upto 55 °C
Media	: Compressed Air
Service Life	: 3 to 5 Years (Approx.)

MECHANICAL AUTO DRAIN VALVE
Model : ADB-150-15

ZERO AIR LOSS



Size	: 3/8" & 1/2"
Body	: Aluminum
Pressure	: 0 - 16 Kg/cm²
Temp.	: 85 °C
Media	: Moisture From Compressed Air

MECHANICAL AUTO DRAIN VALVE LARGE DISCHARGE FLOW (WITH METAL BOWL)
Model : HPA-68



Size	: 1/2"
Body	: Aluminium
Pressure	: 0 to 16 Kg/cm²
Temp.	: 5 to 60 °C
Installation	: Vertical
Media	: Compressed Air

MECHANICAL AUTO DRAIN VALVE LARGE DISCHARGE FLOW (WITH SIGHT GLASS)
Model : HPB-68



Size	: 1/2"
Body	: Aluminium
Pressure	: 0 to 16 Kg/cm²
Temp.	: 5 to 60 °C
Installation	: Vertical
Media	: Compressed Air

AUTO DRAIN VALVE WITH BALL VALVE
Model : HOPT-15



Size	: 1/2"
Valve Body	: Brass
Pressure	: 1 to 16 Kg/cm²
On Time	: 0 to 10 Seconds
Off Time	: 0 to 50 Minutes
Coil Voltage	: 230V AC or 24V DC
Temp.	: 55 °C

STRAINER WITH MANUAL ON/OFF VALVE
Model : HCS-S95



Size	: 1/2"
Body	: Brass
Pressure	: 16 Kg/cm²
Temp.	: 80 °C

2/2 WAY DIRECT ACTING SOLENOID VALVE
Model : HCS-720-W



Size	: 1/4", 3/8" & 1/2"
Body	: Brass
Seals	: Nitrile
Pressure	: Upto 16 Kg/cm^2
Temp.	: 55 ^{o}C
Media	: Compressed Air

MIST COOLANT SPRAY VALVE WITH MAGNET
Model : HBPV-3000-L



Nozzle Inner Diameter	: 2 MM
Working Pressure	: 3 - 7 Bar
Working Temp.	: -5 ~ 80 ^{o}C
Liquid Viscosity	: 0 - 68 cSt
Length of Cooling Pipe	: 300 / 400 / 500 MM
Length of Liquid Inlet Pipe	: 1.7M (With Brass Filter)

BALL VIBRATOR
Model : HK



Pressure	: 2 to 6 Kg/cm^2
Temp.	: Upto 100 ^{o}C
Centrifugal Force	: 360 to 4050 N

MALE CONNECTOR
HPC



FEMALE CONNECTOR
HPCF



MALE ELBOW
HPL



FEMALE ELBOW
HPLF



MALE TEE
HPT



Pressure	: 10 Kg/cm^2
Temp.	: 55 ^{o}C
Pipe Size	: 4, 6, 8, 10, 12, 14, 16
Conn. Size	: M5, M6, 1/8", 1/4", 3/8", 1/2"
Media	: Compressed Air

MALE Y
HPWT



MALE FLOW CONTROL
HNSE



THREAD ON/OFF VALVE
HVSF



SWIVEL ELBOW
HPH



EQUAL BULK HEAD
HPM



Pressure	: 10 Kg/cm^2
Temp.	: 55 ^{o}C
Pipe Size	: 4, 6, 8, 10, 12, 14, 16
Conn. Size	: M5, M6, 1/8", 1/4", 3/8", 1/2"
Media	: Compressed Air

EQUAL TEE
HPUT



EQUAL ELBOW
HPUL



EQUAL COUPLER
HPUC



EQUAL Y
HPY



EQUAL JUNCTION
HPK



Pressure	: 10 Kg/cm^2
Temp.	: 55 ^{o}C
Pipe Size	: 4, 6, 8, 10, 12, 14, 16
Media	: Compressed Air

EQUAL CROSS
HPZA



EQUAL ON/OFF VALVE
HVFF



EQUAL FCV
HNSF



REDUCER COUPLER
HPG



REDUCER Y
HPW



Pressure	: 10 Kg/cm^2
Temp.	: 55 ^{o}C
Pipe Size	: 4, 6, 8, 10, 12, 14, 16
Media	: Compressed Air

REDUCER TEE
HEG



REDUCER ELBOW
HPGL



PLUG - IN REDUCER
HPGJ



DEAD PLUG
HPP



CAP FOR PU TUBE
HPPF



Pressure	: 10 Kg/cm^2
Temp.	: 55 ^{o}C
Pipe Size	: 4, 6, 8, 10, 12, 14, 16
Media	: Compressed Air

PNEUMATIC FITTINGS & VALVES

HYDINT®

PU TUBES
MODEL : HPUB

STANDARD SIZE

OD X ID	Thickness	Pressure
4 X 2.5	0.75 MM	10 KG
6 X 4	1 MM	10 KG
8 X 5	1.50 MM	10 KG
10 X 6.5	1.75 MM	10 KG
12 X 8	2 MM	10 KG
14 X 10	2 MM	10 KG
16 X 12	2 MM	10 KG

NON STANDARD SIZE

OD X ID	Thickness	Pressure
8 X 6	1 MM	7 KG
8 X 5.5	1.25 MM	9 KG
10 X 8	1 MM	7 KG
12 X 10	1 MM	6 KG
12 X 9	1.50 MM	9 KG

OTHER COLOUR AVAILABLE
- RED
- BLACK
- GREEN
- YELLOW
- TRANSPARENT



PU COIL TUBES
MODEL : HPUB



Size : 4, 6, 8, 10, 12, 14 & 16
Length : 3, 5, 10 & 15 Mtrs.
Media : Compressed Air
Pressure : 10 Kg/cm²
Temp. : -5 to 60 °C

AIR BLOW GUN
Model : HR - TS



Body : Plastic
Size : 1/4"
Pressure : 5 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

AIR BLOW GUN
Model : HABG - 06 / HABG - 06 - L



Body : Plastic
Size : 1/4"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

AIR BLOW GUN
Model : HY-DG-10



Body : Aluminium
Size : 1/4"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

MINI AIR DIE GRINDER
MODEL : DGT - 7032B
25000 RPM
3.5 SCFM



Capacity : 1/4" (6 MM)
Air Inlet (PT) : 1/4"
Air Hose (ID) : 3/8"
Consumption Working Pressure : 90 PSI (6.3 BAR)

AIR DIE GRINDER
MODEL : DGT - 7033B
22000 RPM
4.5 SCFM



Capacity : 1/4" (6 MM)
Air Inlet (PT) : 1/4"
Air Hose (ID) : 3/8"
Consumption Working Pressure : 90 PSI (6.3 BAR)

PTFE THREAD SEAL TAPE
Model : TF - 15 / TF - 19



Size : 1/2" & 3/4"
High Density
Premium Quality
12MM X 0.1 MM X 12 Mtr.
19MM X 0.1 MM X 10 Mtr.

LONG HEAD SILENCER
HBSL



Size : M5, 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1.1/4", 1.1/2" & 2"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

FLAT HEAD SILENCER
HBSLM



Size : M5, 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1.1/4", 1.1/2" & 2"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

ADJUSTABLE FLOW SILENCER
HBSLM



Size : 1/8", 1/4", 3/8", 1/2", 3/4", 1"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

SINTERED BRONZE SILENCER
HDSL



Size : 1/8", 1/4", 3/8", 1/2", 3/4", 1"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

PLASTIC SILENCER
HPSL



Size : 1/4"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

PLASTIC SILENCER
HPSU



Size : 1/8", 1/4", 3/8", 1/2", 3/4", 1"
Pressure : 10 Kg/cm²
Temp. : 55 °C
Media : Compressed Air

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