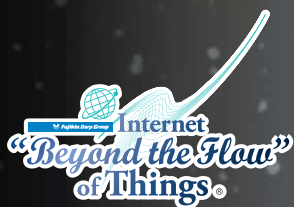


# FUJIKIN<sup>®</sup> PRODUCT DIGEST

## Catalogue of catalogue

FUJIKIN<sup>®</sup>  
PRODUCT  
DIGEST



**Fujikin<sup>®</sup> Carp<sup>®</sup> Group**

We welcome customer feedback for all of our products and services.

# ***Fujikin Carp Group*** Technology can be found wherever something is flowing

The ***Fujikin Carp Group*** is a leading manufacturer of high-technology products for a wide range of industries. Our corporate policy is to defy boundaries and overcome limitations to technology, and we aim to be number one in every market we serve. Since our beginnings in 1930 as a wholesale dealer of pipe-laying materials and machinery tools, we have evolved into a global leader in the manufacture of specific-purpose valves, as well as precision valves and flow control systems.

The ***Fujikin Carp Group***'s products are known for their safety and reliability, and they are used throughout the semiconductor, aerospace, shipbuilding, chemical, electric power generation, and biotechnology industries. Our research and production facilities are at the cutting edge of technology, and we actively promote collaboration between industry, academia, and the government.

The ***Fujikin Carp Group*** is recognized not only as a manufacturer of technologically advanced products, but also as a leading integrated intelligent high-technology innovator. We believe in exploring the creative potential of partnerships with different industries at a global scale. Through these partnerships, we aim to meet the challenges of the twenty-first century. We appreciate your continued business, and we welcome your feedback.





**Ecology**  
(Recycling Facilities)



**New Energy (Solar Panel)**



**Space Rocket(H-II type)**

**The World Highest  
Level Class1  
Ultra Super-Clean Room**



**Medical Engineering**  
(Medical Treatment Development)



**New Science (Accelerator)**



**Ultrasound Diagnostic Device**





# Product Catalogue Lineup

## Manual Valves

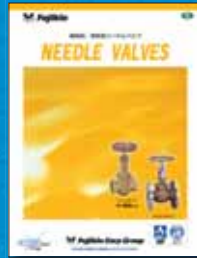
Globe Valves

### Needle Valves



No. 320-01

New Value Series Brass 1MPa  
Needle Stop Valves



No. 112

Brass / Bronze  
NEEDLE VALVES



No. 127

Ring Fittings & Miniature Valves  
Ring Fittings



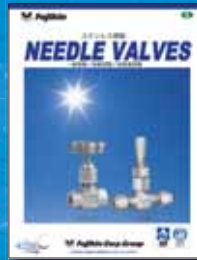
No. 114

Female Threaded Type Needle Stop Valves  
Economy Type



No. 120-01

New Value Series  
Stainless Steel 3MPa Type  
Needle Stop Valves



No. 111

Stainless Steel NEEDLE VALVES  
For Flow Control / For Minutes Flow Control /  
For Ultra Minutes Flow Control



No. 726-01E

Brass Needle  
Stop Valves



No. 701-01E

FINE series PURE  
Standard Series



No. 821

For Minutes Flow Control Valves  
Cv Value: 0.004 Type



No. 001

Super Double Ferrule Compression Fittings  
(Abbreviation: SUW) & Products  
For Process Equipment Super W-Bite Fittings



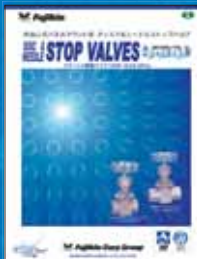
No. 120-02

New Value Series  
Stainless Steel 16.2MPa  
Powerfullok Type Needle Stop Valves



No. 131E

"MINUCON"  
Diaphragm Type "Mini" Control Valves



No. 118

Outside Threaded Type  
Bulkhead Type Disc & Needle Stop Valves  
DISC&NEEDLE STOP VALVES "Clean Couple"



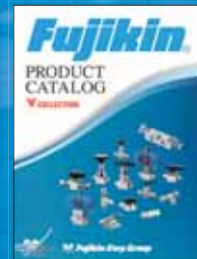
No. 115E

26.5 MPa Stainless Steel  
Needle Stop Valve



No. 820-01

Stainless Steel Bonnetless Type  
Stop Valves 34MPa Type



No. 726-01E

Integral-Bonnet Needle Stop Valves  
VUH-934P Series

Needle Valves



No. 702E

Stainless Steel Female Threaded Type Needle Stop Valves



No. 820-02

Stainless Steel Outside Threaded Type Stop Valves 42MPa Type



No. 726-01E

Union-Bonnet Needle Valves VUH Series



No. 100-03E

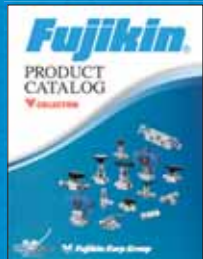
Valves & Fittings for Ultra High-Pressure Hydrogen Gas

Stop Valves



No. 119

Toggle Valves



No. 726-01E

Toggle Valves VUK Series



No. 701-01E

FINE series PURE Standard Series



No. 118

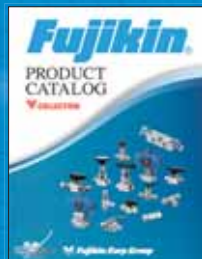
Outside Threaded Type Bulkhead Type Disc & Needle Stop Valves "Clean Couple"



No. 820-01

Stainless Steel Bonnetless Type Stop Valves 34MPa Type

Manifolds/Gauge Valves



No. 726-01E

Instrument Manifolds/Gauge Valves 41.3 MPa VUTW, VUT, VUHGB Series



No. 001

Super Double Ferrule Compression Fittings (Abbreviation: SUW) & Products For Process Equipment Super W-Bite Fittings



# Product Catalogue Lineup

## Manual Valves

### Globe Valves

#### Bellows Valves



No. 710-01E

FINE series PURE  
Bellows-Sealed · Metal Diaphragm Valves



No. 709

Stainless Steel Bellows-Sealed Valves  
1MPa Type



No. 726-01E

Bellows Valves  
VUBF series

#### Metal Diaphragm Valves



No. 710-01E

FINE series PURE  
Bellows-Sealed · Metal Diaphragm Valves



No. 741-01E

FINE series PURE  
"NEW MEGA" series



No. 700-04E

FINE series PURE  
High Flow Valves Series  
"Kiwami"

Needle Valves



No.320-01

New Value Series  
Brass 1MPa  
Needle Stop Valves



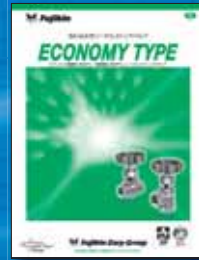
No.127

Ring Fittings &  
Miniature Valves



No.112

Brass / Bronze  
Needle Valves



No.114

Female Threaded Type  
Needle Stop Valves  
Economy Type



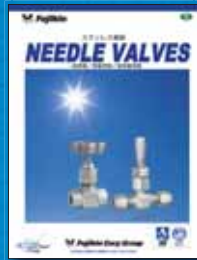
No.120-01

New Value Series  
Stainless Steel 3MPa  
Needle Stop Valves



No.114

Female Threaded Type  
Needle Stop Valves  
Economy Type



No.111

Stainless Steel Needle Valves  
For Flow Control / For Minutes Flow Control /  
For Ultra Minutes Flow Control



No.701-01E

FINE series PURE  
Standard Series



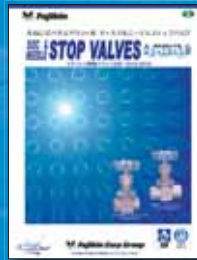
No.821

For Minutes Flow Control Valves  
Cv Value:0.004 Type



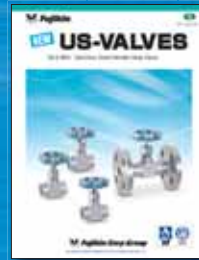
No.120-02

New Value Series  
Stainless Steel 16.2MPa Powerfullok Type  
Needle Stop Valves



No.118

Outside Threaded Type Bulkhead Type  
Disc & Needle Stop Valves "Clean Couple"



No.115E

26.5 MPa Stainless Steel  
Needle Stop Valve



No.702E

Stainless Steel  
Female Threaded Type  
Needle Stop Valves

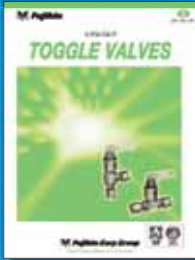


# Product Catalogue Lineup

## Manual Valves

### Angle Valves

#### Stop Valves



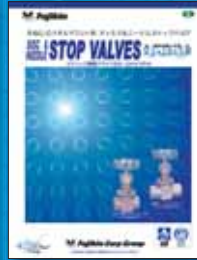
No.119

Toggle Valves



No.701-01E

FINE series PURE Standard Series



No.118

Outside Threaded Type Bulkhead Type Disc & Needle Stop Valves "Clean Couple"

### Plug Valves

#### Plug Valves



No.726-01E

Plug Valves VUP Series

### Ball Valves

#### Ball Valves



No.133-01E

Fine Ceramic Valves "COSMIX™"



No.703-01

Flange End, But Weld Type JIS10K Ball Valves



No.132E

Fine Ceramic Ball Valve HiLife Valves



No.811-01

Brass 3MPa Ball Valves



No.704E

Ball Valves With 4 Coloured Handle Mini Ball Valves 3.92MPa Type



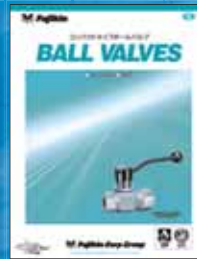
No.810-01

New Value Series Stainless Steel Ball Valves 3.92MPa Type



No.703E

Bulkhead Type Ball Valves



No.116

Compact Type Ball Valves



No.726-01E

Ball Valves 3 Pieces Ball Valves Trunnion Ball Valves VUBV Series

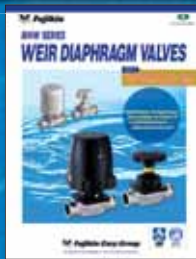


No.701-01E

FINE series PURE Standard Series

### Diaphragm Valves

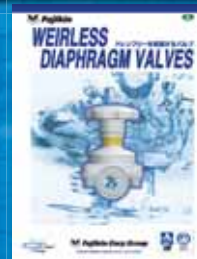
#### Weir Diaphragm Valves



No.504-02E

WEIR DIAPHRAGM VALVES

#### Weirless Diaphragm Valves



No.801

WEIRLESS DIAPHRAGM VALVES



No.802

LPS®



# Automatic Operate Valves

## Needle Valves



No. 137

Electric Valves  
"Pretronic SR100E"  
High Performance Small Control Valves



No. 138

Electric Valves  
"Pretronic SR100M"



No. 136E

"PRETRONIC SR100"



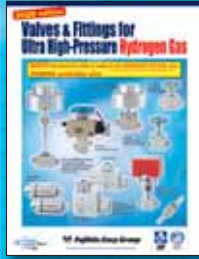
No. 135E

"PRETRONIC AR2000"



No. 131E

"MINUCON" Diaphragm Actuate  
"Mini" Control Valves



No. 100-03E

Valves & Fittings for  
Ultra High-Pressure Hydrogen Gas

## Stop Valves



No. 100-03E

Valves & Fittings for  
Ultra High-Pressure Hydrogen Gas

## Bellows Valves



No. 709

Stainless Steel Bellows Valves  
1MPa Type



No. 700-05E

FINE series PURE  
High Temperature Valves series "Kiwami"



No. 710-01E

FINE series PURE  
Bellows-Metal Diaphragm Valves

# Product Catalogue Lineup

## Automatic Operate Valves

### Globe Valves

#### Metal Diaphragm Valves



No. 710-02E  
FINE series PURE  
Dual Flow Min. Direct Diaphragm Valves  
"Kiwami"



No. 700-03E  
FINE series PURE  
High Durability Valves Series "Kiwami"



No. 700-05E  
FINE series PURE  
High Temperature Valves Series "Kiwami"



No. 741-01E  
FINE series PURE  
"NEW MEGA" Series



No. 700-04E  
FINE series PURE  
High Flow Valves Series "Kiwami"

#### All Metal Diaphragm Valves



No. 700-05E  
FINE series PURE  
High Temperature Valves Series "Kiwami"

### Y type valve

#### Y type valve



No. 803E  
ANGLE SEAT VALVES

### Angle Valves

#### Needle Valves



No. 136E  
"PRETRONIC SR100"



No. 135E  
"PRETRONIC AR2000"



No. 131E  
"MINUCON" Diaphragm Actuate  
"Mini" Control Valves



Ball Valves



No.807-01

New Value Series Stainless Steel 0.92MPa Double Action Type Automatic Ball Valves



No.133-01E

Fine Ceramic Valves "COSMIX"<sup>TM</sup>



No.703-01

Flange End Type, But Weld Type JIS10K Ball Valves



No.132E

Fine Ceramic Ball Valve HiLife Valves



No.232

Compact Ball Valves With Electric Actuator 3.92MPa Type



No.134-02

Air Operate Stainless Steel Valves "AFMO-40R" Single Acting + Double Acting Type Automatic Ball Valves



No.726-01E

Ball Valves, 3 Pieces Ball Valves VUBV Series



No.726-01E

Ball Valves 20.6MPa, VUBV, VUBVS Series

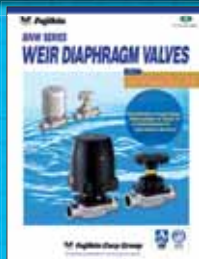
Gate Valves



No.133-01E

Fine Ceramic Valves "COSMIX"<sup>TM</sup>

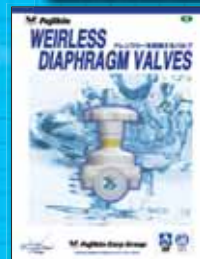
Weir Diaphragm Valves



No.504-02E

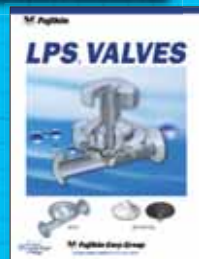
WEIR DIAPHRAGM VALVES

Weirless Diaphragm Valves



No.801

Weirless Diaphragm Valves



No.802

LPS

# Product Catalogue Lineup

## Other Valves

### Check Valves

#### Check Valves



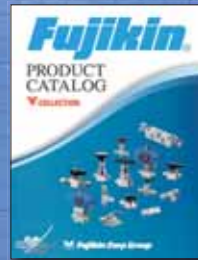
No. 701-01E

FINE series PURE  
Standard Series



No. 820-03

Stainless Steel  
Inline Check Valves 22MPa Type



No. 726-01E

Check Valves  
VUCL Series

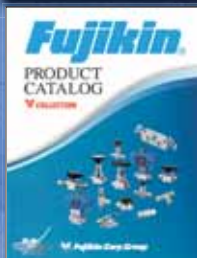


No. 100-03E

Valves & Fittings for  
Ultra High-Pressure Hydrogen Gas

### Relief Valves

#### Relief Valves



No. 726-01E

Relief Valves  
VURF Series



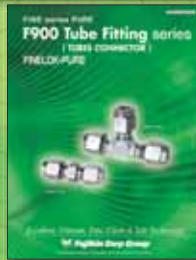
# Fittings

## Double Ferrule Compression and Bite Type



No.726-01E

Brass Powerfullok Tube Fittings



No.702-01E

Stainless Steel FINE series PURE F900 Fittings Series FINELOK-PURE



No.702-02

Stainless Steel FINE series PURE LF900 Fittings Series FINELOK-PURE For Request



No.001

Stainless Steel Super Double Ferrule Compression Fittings Abbreviation: SUW & Products For Process Equipment Super W-Bite Fittings



No.721E

Stainless Steel Powerfullok Tube Fittings SUS316



No.726-01E

Stainless Steel V Lok® Tube Fittings

## Ring



No.127

Ring Fittings & Miniature Valves Ring Fittings

## Union Gasket Type



No.720-01E

FINE series PURE UJR Fittings -Auto Weld Fittings Series



No.729-01E

FINE series PURE UPG® Fittings Series

## Welding Type



No.720-01E

FINE series PURE UJR Fittings - Automatic Weld Fittings Series

## Coned -and-threaded



No.100-03E

Valves & Fittings for Ultra High-Pressure Hydrogen Gas

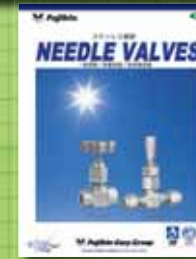
## Resin Welding Type



No.734-02

PFA Welding Fittings Pure Fit Series FINE series FUSION

## Bushing Fittings, Socket, Nipples



No.111

Stainless Steel Needle Valves For Flow Control / For Minutes Flow Control / For Ultra Minutes Flow Control

# Product Catalogue Lineup

## Systems & Etc.

Systems

### Integrated Gas System(IGS)



No.732-01E

FINE series PURE IGS Integrated Gas System

### Water Vapor Generator



No.731-01E

FINE series PURE WVG® Water Vapor Generator

### Flow Control System(FCS®)



No.712-01E

FINE series PURE®  
FCS® Pressure Series

### Mass Flow Controller FCS®Thermal Series



No.751-01E

Flow Control System  
FCS® Thermal Series

### PFA Welding Machine



No.734-01

PFA Welding Machine "Quick Welder"

### Compressor / Pump



No.163

PROVIDER POWER UNIT

### Static Fluid Mixer



No.817-01E

Static Mixer "Kongoukun"-"Bunsankun"



Sealing Tape Automatic Wrapping Machine



No.162-01

"Fujitepler" Sealing Tape Automatic Wrapping Machine

Filters



No.701-01E

FINE series PURE Standard Series



No.100-03E

Valves & Fittings for Ultra High-Pressure Hydrogen Gas

Leak Detection Fluid



No.L602

Leak Detection Fluid "FINE BUBBLE"

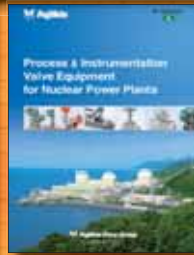
Oil & Gas for plant valves and equipment



No.L813-02E

Process & Instrumentation Valve Equipment for Oil & Gas

Valve Equipment for Nuclear Power Plants



No.L813-01E

Process & Instrumentation Valve Equipment for Nuclear Power Plants

Tool Set



No.100-04

Kabo Tools



No.201-12

超音波診断装置



No.201-06

遠隔医療ソフト



No.201-02

医療モニタ機器



No.201-11

Ran & Night Self

# Product Summaries

Type / Structure	Fujikin's Product Series ( Catalogue Name)
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Manual Valves	Glove Valves	Needle Valves	
		Stop Valves	<ul style="list-style-type: none"> <li>Toggle Valves</li> <li>∇-Series Toggle Valves VUK Series</li> <li>FINE series PURE Standard Series</li> <li>Outside Threaded Type Bulkhead Type Disc &amp; Needle Stop Valves "Clean Couple"</li> <li>Stainless Steel Bonnetless Type Stop Valves 34MPa Type</li> </ul>
		Manifolds/Gauge Valves	<ul style="list-style-type: none"> <li>Super Double Ferrule Compression Fittings ( Abbreviation: SUW ) &amp; Products For Process Equipment Super W-Bite Fittings</li> <li>Instrument Manifolds / Gauge Valves 41.3 MPa VUTW, VUT, VUHGB Series</li> </ul>
		Bellows Valves	<ul style="list-style-type: none"> <li>FINE series PURE Bellows-Sealed · Metal Diaphragm Valves</li> <li>Stainless Steel Bellows-Sealed Valves 1MPa Type</li> <li>∇-Series Bellows Valves 6.89 MPa, 4.82 MPa VUBF, VUBFH, VUBFN, series</li> </ul>
		Metal Diaphragm Valves	<ul style="list-style-type: none"> <li>FINE series PURE Bellows-Sealed · Metal Diaphragm Valves</li> <li>FINE series PURE "NEW MEGA" serie</li> <li>FINE series PURE High Flow Valves Series "Kiwami"</li> </ul>



Typical Item No.	Connection Type T : Threaded F : Flange W : Welded C : Double Ferrule Compression & Bite Type U : UJR, UPG A : Automatic WS : W-Seal Type O : Others	Nominal Size (Max. Size) Character B-Q: Nominal Dia. #1 Numerical Value: mm	Materials S : Stainless Steel C : Brass FC : Fine Ceramics Br : Bronze P : PFA	Cleanliness Grade 2 : *2 1 : *2 C : *2 Non : *2	Max. Operating Pressure Unit (MPa) Containing Low Pres. Compact Type Also	Operating Temperature (Min.) (Degree)	Operating Temperature (Max.) (Degree)	Flowrate (Cv Value) Min : Minute S : Small M : Middle L : Large	Application C : Excellent Corrosion Resistance S : Specialty Gases M : For minute Flow Control H : Government Certification for High-Pressure Gas Products V : Vacuum	Catalogue No.
DS-11	T	D	C		1	-20	80	S		320-01
DH-12, DUE-12, BH-21	T, F	M	Br, C		1.96	-20	150	S		112
RV-6	T, O	12, 12xC	C		1.96	-20	80	S		127
UH-13, DH-11	T	C	S, C		2.94	-20	150	S		114
US-13P	T	D	S	2	3	-20	150	S		120-01
UN-14M	T, C	B, 6.35	S	2	3.92	0	80	S	M, H	111
PDS, PDWVP	T, C	D, 12.7, 12	C		4.9*	-10	150	S		726-01E
FUN, FUE, FUH	T, C	C, 12.7	S	C	4.9	-10	80	S	M, H	701-01E
PUN, UN, DUN	T, C	6.35	S, C	2	13.7	-10	120	S	M, H	821
FH-UT	T, F	D	S		14.7	-20	200	S	H	001
UH-14, UN-116, UE-19	T, F, C	F	S	2	15.6	-20	150	S	M, H	111E
US-916	T, C	12.7	S	2	16.2	-20	150	S		120-02
UN-115, 130, 150	T, F, W, C, U	F, 12.7	S	2	50	-253	500	S	M, H, V	131E
UH-11500HP	T, F, W, C, O	F	S	1	24.8	-50	150	S	H	118
US-127P	T, F, W, C	F	S		26.5	-45	230	S	H	115E
PUH-134	T, C, U	D, 12.7	S	2	34	-53	232	S	H	820-01
VUH-934P	T, C	19.05	S		34.4	-53	232	S		726-01E
PUH-916	T, C	F, 12.7	S		35.3*	-20	150	S		702E
PUS-142	T, C, U	D, 12.7	S	2	42	-53	232	S	H	820-02
VUH-941, 968	C	12.7	S		68.9	-53	232	S	H	726-01
UH-7100L	O	14.2	S		99.9	-40	85	S		100-03E
UK-11, DK-91	T, C	B, 9.52	S, C	2	0.98	0	80	S		119
VUK-91P	C	12.7	S		1.37	-28	93	S		726-01E
FUD	U, C	C, 12.7	S	C	5	-10	80	S	M, H	701-01E
UD-11500HP	T, F, W, C, O	F	S	1	24.8	-50	80	S	H	118
PUD-134	T, C, U	D, 12.7	S	2	34	-53	93	S	H	820-01
FH-UT, FH2-UT	T, F	D	S		24.8	-20	400	S	H	001
VUTW, VUT, VUHGB	T, O	D	S		41.3	-53	232	S		726-01E
FUBFL, FUB, FUBFN	C, U, A	12.7	S	C	1	-10	80	S	S, V	710-01E
PUBF, PUBFL	C	12.7	S	1	1	-28	315	S	V	709
VUBF, VUBFD, VUBFH, VUBFN	C	12.7	S		68.9	-28	93	S		726-01E
FUDF	U, C, W	12.7	S	C	16.2	-10	150	S	S, V, A	710-01E
FUNDL, FUND, FUHSD	U, C, A	12.7	S	C	20.5	-10	80	S	S, H, V	741-01E
FUBD, FUDF, FUDDFB	U	12.7	S	C	20.5*	-10	40	S	S, H, V	700-04E

(\*1 : B: 1/4", C: 3/8", D: 1/2", E: 3/4", F: 1", H: 1 1/2", I: 2", M: 4", O: 6")

# Product Summaries

Valves

Type / Structure	Fujikin's Product Series ( Catalogue Name)	
Manual Valves	Angle Valves	New Value Series Brass 1MPa Type Needle Stop Valves
	Needle Valves	Ring Fittings & Miniature Valves Ring Fittings
		Brass / Bronze Needle Valves
		Female Threaded Type Needle Stop Valves Economy Type
		New Value Series Stainless Steel 3MPa Needle Stop Valves
		Female Threaded Type Needle Stop Valves Economy Type
		Stainless Steel Needle Valves For Flow Control/For Minutes Flow Control/For Ultra Minutes Flow Control
		FINE series PURE Standard Series
		For Minutes Flow Control Valves Cv Value : 0.004 Type
		Stainless Steel Female Threaded Type Needle Stop Valves
		New Value Series Stainless Steel 16.2MPa Powerfullok Type Needle Stop Valves
		New Value Series Stainless Steel 16.2MPa Powerfullok Type Needle Stop Valves
		Male Threaded Bulkhead Type Disc & Needle Stop Valves "Clean Couple"
		Needle Stop Valves US-Valves "Manben-Kun" Stainless Steel
		Toggle Valves
		FINE series PURE Standard Series
		Male Threaded Bulkhead Type Disc & Needle Stop Valves
		Plug Valves
		Ball Valves
		∇-Series Plug Valves VUP Series
	Fine Ceramic Valves "COSMIX™"	
	Flange End, But Weld Type JIS10K Ball Valves	
	Fine Ceramic Ball Valve HiLife Valves	
	Brass 3MPa Ball Valves	
	Ball Valves With 4 Coloured Handle Mini Ball Valves 3.92MPa Type	
	New Value Series Stainless Steel Ball Valves 3.92MPa Type	
	Bulkhead Type Ball Valves Compact & Lightweight 4.9MPa	
	Compact Type Ball Valves	
	∇-Series 3 Pieces Ball Valves 15.1MPa VUBV Series	
	FINE series PURE Standard Series	
	∇-Series Ball Valves VUBV, VUBVS Series	
	∇-Series Trunnion Ball Valves VUBV Series	
Automatic Valves	Diaphragm Valves	Weir Diaphragm Valves
		Weirless Diaphragm Valves
		LPS®
	Glove Valves	Needle Valves
		Electric Valves "Pretronic SR100E" High Performance Small Control Valves
		Electric Valves "Pretronic SR100M"
		"PRETRONIC SR100"
		"PRETRONIC AR2000"
		"MINUCON" Diaphragm Actuate "Mini" Control Valves
		Valves & Fittings for Ultra High-Pressure Hydrogen Gas



Typical Item No.	Connection Type T : Threaded F : Flange W : Welded C : Double Ferrule Compression & Bite Type U : UJR, UPG A : Automatic Welded Type WS : W-Seal Type O : Others	Nominal Size (Max. Size) Character B-Q: Nominal Dia. *1 Numerical Value: mm	Materials S : Stainless Steel C : Brass FC : Fine Ceramics Br : Bronze P : PFA	Cleanliness Grade 2 : *2 1 : *2 C : *2 Non : *2	Max. Operating Pressure Unit (MPa) Containing Low Pres. Compact Type Also	Operating Temperature (Min.) (Degree)	Operating Temperature (Max.) (Degree)	Flowrate (Cv Value) Min.: Minute S.: Small M.: Middle L.: Large	Application C: Excellent Corrosion Resistance S: Specialty Gases M: For minute Flow Control H: Government Certification for High-Pressure Gas Products V: Vacuum	Catalogue No.
DS-31	T	D	C		1	-20	80	S		320-01
RA-6	T, O	12, 12xC	C		1.96	-20	80	S		127
DH-32, DUE-32, BH-31	T, F	M	C		1.96	-20	150	Min-H		112
UH-33, DH-31	T	C	S, C		2.94	-20	150	S		114
US-33P	T	D	S	2	3	-20	150	S		120-01
UH-33	T	C	S, C		3	-20	150	S		114
UN-34M	T, C	B, 6.35	S	2	3.92	0	80	S	M, H	111
FUN, FUE, FUH-05, 35	T, C	D	S	C	5	-10	80	S	M, H	701-01E
PUN, UN, DUN	T, C	6.35	S, C	2	13.7	-10	120	S	M, H	821
UN-04M, UH-34	T, F, C	F, 6.35	S	1	15.6	-20	150	S	M, H	702E
US-016	T, C	12.7	S	2	16.2	-20	150	S		120-02
PUH-016	T, C	12.7, D	S	2	16.2	-20	150	S		120-02
UH-31500HP	T, F, W, C, O	F	S	1	24.8	-50	150	S	H	118
US-327P	T, F, W, C	F	S		26.5	-45	230	S	H	115E
UK-31	T, C	9.52	S	2	0.98	0	80	S		119
FUD-35	T, C	D	S	C	5	-10	80	S	M, H	701-01E
UD-31500HP	T, F, W, C, O	F	S	1	24.8	-50	80	S	H	118
VUP-920	C	12.7	S		20.6	-23	204	S		726-01E
CBV3	F	O	FC		0.98		200	L	C	133-01E
UBV-21-JIS10R-ALX	F, W	M	S	C	1	-10	60	L		703-01
CHL-CBV1	F	O	FC		1.6		200	L	C	132E
DBV-13	T	F	C		3	10	120	M		811-01
PUBV-94	C	12.7	S		3.92	-10	80	S		704E
UBVN-14, UBVNF-14	T	F	S		3.92	-20	180	M		810-01
PUBV, PUBVT-15, 95	T, C	12.7	S		4.9	-10	80	S		703E
UBV, DBV	T	I	S, C		14.7	-10	80	M	H	116
VUBV-115, 915	T, C	F	S		15.1	-28	232	M	H	726-01E
FUBV	T, O	12.7	S	C	16.2	10	80	S	H	701-01E
VUBV-920P	T, C	19.05	S		20.6	10	65	S	H	726-01E
VUBV-141, 941P	T, C	12.7	S		41.3	-17	232	S		726-01E
VUBV-168, 968P	T, C	12.7	S		68.9	-17	232	S		726-01E
BNWM, BNWC	F, W, O	I	S	1	1	-5	150	M		504-02E
BSW	F, W, O	I	S	1	0.6	0	150	L		801
LPSM, LPSL	F, O	H	S	1	0.8	0	140	L		802
S5	T	D	S	2	1	-20	150	S	M, V	137
S1	T	C	S		2.94	-10	150	S	M	138
S2, S3	T, F, W, C, U	F, 12.7	S	2	14.7	-253	500	S	M, H	136E
C1, C3	T, F, W, C, U	F, 12.7	S	2	50	-253	500	S	M, H, V	135E
M2, M3	T, F, W, C, U	F, 12.7	S	2	90.2	-253	500	S	M, H, V	131E
E32M3R4-7100	T(O)	14.2	S		99.9	-40	85	S	H	100-03E

(\*2 C: Completely Oil Free 1: 1st grade oil Free Treatment( Wetted are oil free.) 2: 2'd grade oil Free Treatment( Fluorine lubricant is used on valve surface that in contact with liquid or gas media.) Non: Excluding the above-mentioned )

# Product Summaries

## Valves

Type / Structure	Fujikin's Product Series ( Catalogue Name)
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Type / Structure	Fujikin's Product Series ( Catalogue Name)		
Automatic Valves	Stop Valves	Valves & Fittings for Ultra High-Pressure Hydrogen Gas	
	Bellows Valves	Stainless Steel Bellows Valves 1MPa Type	
		FINE series PURE High Temperature Valves series "Kiwami"	
	Metal Diaphragm Valves	FINE series PURE Bellows · Metal Diaphragm Valves	
		FINE series PURE Dual Flow Min. Direct Diaphragm Valves "Kiwami"	
		FINE series PURE High Durability Valves Series "Kiwami"	
		FINE series PURE High Temperature Valves series "Kiwami"	
		FINE series PURE "NEW MAGA" series	
	All Metal Diaphragm Valves	FINE series PURE High Temperature Valves series "Kiwami"	
	Y type valve	ANGLE SEAT VALVES	
	Angle Valves	Needle Valves	"PRETRONIC SR100"
			"PRETRONIC AR2000"
		"MINUCON" Diaphragm Actuate "Mini" Control Valves	
Ball Valves	New Value Series Stainless Steel 0.92MPa Double Action Type Automatic Ball Valves		
	Fine Ceramic Valves "COSMIX™"		
	Flange End Type, But Weld Type JIS10K Ball Valves		
	Fine Ceramic Ball Valve HiLife Valves		
	Compact Ball Valves With Electric Actuator 3.92MPa Type		
	Air Operate Stainless Steel Valves "AFMO-40R" Single Acting · Double Acting Type Automatic Ball Valves		
	3 Pieces Ball Valves 15.1MPa VUBV Series		
	∇ <sub>0</sub> -Series Ball Valves 20.6MPa VUBV, VUBVS Series		
Gate Valves	Fine Ceramic Valves "COSMIX™"		
Diaphragm Valves	Weir Diaphragm Valves	Weir Diaphragm Valves	
	Weirless Diaphragm Valves	Weirless Diaphragm Valves	
	LPS®		
Check Valves	FINE series PURE Standard Series		
	Stainless Steel Inline Check Valves 22MPa Type		
	∇ <sub>0</sub> -Series Check Valves VUCL Series		
	Valves & Fittings for Ultra High-Pressure Hydrogen Gas		
Relief Valves	∇ <sub>0</sub> -Series Relief Valves VURF Series		



Typical Item No.	Connection Type T : Threaded F : Flange W : Welded C : Double Ferrule Compression & Bite Type U : UJR, UPG A : Automatic Welded Type WS : W-Seal Type O : Others	Nominal Size (Max. Size) Character B-Q: Nominal Dia. *1 Numerical Value: mm	Materials S : Stainless Steel C : Brass FC : Fine Ceramics Br : Bronze P : PFA	Cleanliness Grade 2 : *2 1 : *2 C : *2 Non : *2	Max. Operating Pressure Unit (MPa) Containing Low Pres. Compact Type Also	Operating Temperature (Min.) (Degree)	Operating Temperature (Max.) (Degree)	Flowrate (Cv Value) Min.: Minus S : Small M : Middle L : Large	Application C : Excellent Corrosion Resistance S : Specialty Gases M : For minute Flow Control H : Government Certification for High-Pressure Gas Products V : Vacuum	Catalogue No.
M3R4-8100	T,O	14.2	S		99.9	-40	85	S	M, H, V	100-03E
APR-PUBF	C	12.7	S	1	1	-28	93	S	V	709
FPR-PA, FPR-HT	U, C, A	12.7	S	C	1	-10	150	S	V	700-05E
FPR, FPR-UBF	W, U, A	12.7	S	C	16.2*	-10	80	S	S, H, V	710-01E
FPR-NSD-71SS2	U	6.35	S	C	1	-10	80	S	S, V	710-02E
FPR-NHD, FSR-FD	U, C, A	12.7	S	C	1	-10	80	S	S, V	700-03E
FPR-NHD, FPR-UDDF	U, C, A	12.7	S	C	1	-10	200	S	S, V	700-05E
FPR-ND, FPR-NSD	U, C, A	12.7	S	C	20.5	-10	80	S	S, H, V	741-01E
FPR-NDF, FPR-UDF	U	12.7	S	C	20.5*	-10	40	S	S, H, V	700-04E
FWBR	U, W	12.7	S	C	1	-10	300	S	S, V	700-05E
BYCFO, BYCFU	W, O	I	S		0.8	0	155	L		803E
S2, S3	T, F, W, C, U	F, 12.7	S	2	14.7	-253	500	S	M, H	136E
C1, C3	T, F, W, C, U	F, 12.7	S	2	50	-253	500	S	M, H, V	135E
M2, M3	T, F, W, C, U	F, 12.7	S	2	90.2	-253	500	S	M, H, V	131E
AFMO-01	T	F	S		0.98	-20	80	M		807-01
CBV3	F	O	FC		0.98		200	L	C	133-01E
UBV-21-JIS10R-ALX	F, W	M	S	C	1	-10	60	L		703-01
CHL-CBV1D, CBV1R	F	O	FC		1.6		200	L	C	132E
DM-UBV	T	E	S		3.92	0	80	M		232
AFMO-40R	T	I	S		3.92	0	130	M		134-02
APR-VUBV	T, C	F	S		15.1	-28	232	M	H	726-01E
APR-VUBV, VUBVS, APDM-VUBV, VUBVS	T, C	E, 19.05	S		20.6	-53	148	M	H	726-01E
CP	F	H	FC		1.96	-5	200	M	C	133-01E
BNWM, BNWC	F, W, O	I	S	1	1	-5	150	M		504-02E
BSWCN	F, W, O	I	S	1	0.6	0	150	L		801
LPSC, LPSO, LPSD	F, O	H	S	1	0.8	0	140	L		802
FUCL	T, U, C	12.7, D	S	C	16.2	-10	80	S	H	701-01E
PUCL	C	12.7	S	2	22	-10	200	S	H	820-03
VUCL	T, C	12.7	S		41.3	-23	204	S	H	726-01E
UCL-7100	T(O)	14.2	S		99.9	-40	85	S	H	100-03E
VURF-041L	C	12.7	S		41.3	-4	148	S		726-01E

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# Product Summaries

## Fittings

Type / Structure	Fujikin's Product Series ( Catalogue Name)	
Double Ferrule Compression and Bite Type	Brass	Powerfullok Tube Fittings Brass
	Stainless Steel	FINE series PURE F900 Fittings Series FINELOK·PURE
		FINE series PURE LF900 Fittings Series FINELOK·PURE( For Requird )
		Super Double Ferrule Compression Fittings ( Abbreviation: SUW )& Products For Process Equipment Super W-Bite Fittings
		Powerfullok Tube Fiitings SUS316
		V-Lok® Tube Fittings
	Ring Fitting Type	Ring Fittings & Miniature Valves Ring Fittings
	Union Gasket Type	FINE series PURE UJR Fittings · Auto Weld Fittings Series
		FINE series PURE UPG®Fittings Series
	Welding Type	FINE series PURE UJR Fittings · Automatic Weld Fittings Series
Coned -and threaded	Valves & Fittings for Ultra High-Pressure Hydrogen Gas	
Resin Welding Type	PFA Welding Fittings "Pure Fit" Series FINE series FUSION	
Bushing Fittings	Stainless Steel Needle Valves For Flow Control/For Minutes Flow Control/For Ultra Minutes Flow Control	
Socket	Stainless Steel Needle Valves For Flow Control/For Minutes Flow Control/For Ultra Minutes Flow Control	
Nipples	Stainless Steel Needle Valves For Flow Control/For Minutes Flow Control/For Ultra Minutes Flow Control	
Plug	Stainless Steel Needle Valves For Flow Control/For Minutes Flow Control/For Ultra Minutes Flow Control	

## Systems

Type / Structure	Fujikin's Product Series ( Catalogue Name)
Integrated Gas System "IGS"	FINE series PURE "IGS" Integrated Gas System
Water Vapor Generator	FINE series PURE WVG® Water Vapor Generator
Flow Control System ( FCS®)	FINE series PURE FCS®Flow Control System
Mass Flow Controller FCS® Thermal Series	FINE series PURE FCS® Thermal Series
PFA Welding Machine	PFA Welding Machine "Quick Welder"
Compressor/Pomp	Povider / Power Unit PROVIDER POWER UNIT
Static Fluid Mixer · Decentralizator	Static Mixer "Kongoukun" · "Bunsankun"
Sealing Tape Automatic Wrapping Machine	"Fujitepler" Sealing Tape Automatic Wrapping Machine
Filters	FINE series PURE Standard Series
	Valves & Fittings for Ultra High-Pressure Hydrogen Gas
Leak Detection Fluid "FINE BUBBLE"	Leak Detection Fluid "FINE BUBBLE"
Tool Set	Kabo Tools
Oil & Gas for plant valves and equipment	Process & Instrumentation Valve Equipment for Oil & Gas
Valve Equipment for Nuclear Power Plants	Process & Instrumentation Valve Equipment for Nuclear Power Plants
Life Science	超音波診断装置
	遠隔医療ソフト
	医療モニタ機器
	Ran s Night Self



Typical Item No.	Nominal Size (Max. Size) Character B-Q: Nominal Dia. *1 Numerical Value: mm	Materials S : Stainless Steel C : Brass FC : Fine Ceramics Br : Bronze P : PFA	Cleanliness Grade 2 : *2 1 : *2 C : *2 Non : *2	Max. Operating Pressure Unit (MPa) Containing Low Pres. Compact Type Also	Operating Temperature (Min.) (Degree)	Operating Temperature (Max.) (Degree)	Application C: Excellent Corrosion Resistance S: Specialty Gases M: For minute Flow Control H: Government Certification for High-Pressure Gas Products V: Vacuum	Catalogue No.
PDW	12.7	C		4.9		125		726-01
F900	F, 25.4	S	C	16.2	-196	350	H	702-01E
LF900	D, 12.7	S	C	16.2 SS BA Tube 0.7, PTFE Tube	-196	350 Stainless Steel BA Tube 200 PTFE Tube		702-02
SUW	12	S		25.4	-196	400	H	001
PUW	F, 25.4	S		67	-196	600	H	721E
VUW	F, 25.4	S		83.2	-196	538		726-01E
RH	D, 12.7	C		4.9	-45	125		127
UJR	19.05	S	C	21.5	-196	450	H, V	720-01E
UPG	12.7	S	C	21.5	-196	450	H, V	729-01E
UJL, UJT	12.7	S	C	21.5	-196	450	V	720-01E
UJU, UJUN	14.2	S		50 or more			H	100-03E
PJ	F	P	1			200		734-02
UJB	F	S						111
UJS	D	S						111
UJN	D	S						111
UJP	D	S						111

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Typical Item No.	Connection Type T : Threaded F : Flange W : Welded C : Double Ferrule Compression & Bite Type U : UJR, UPG A : Automatic Welded Type WS : W-Seal Type O : Others	Nominal Size (Max. Size) Character B-Q: Nominal Dia. *1 Numerical Value: mm	Materials S : Stainless Steel C : Brass FC : Fine Ceramics Br : Bronze P : PFA	Cleanliness Grade 2 : *2 1 : *2 C : *2 Non : *2	Max. Operating Pressure Unit (MPa) Containing Low Pres. Compact Type Also	Operating Temperature (Min.) (Degree)	Operating Temperature (Max.) (Degree)	Flowrate (Cv Value) Min.: Minute S: Small M: Middle L: Large	Application C: Excellent Corrosion Resistance S: Specialty Gases M: For minute Flow Control H: Government Certification for High-Pressure Gas Products V: Vacuum	Catalogue No.
	O		S	C	1	-10	150	S	S, V	732-01
	U	6.35		C						731-01E
FCSP8002	U, W		S	C				S	V	712-01E
FCST1005, 2005	U, C	6.35	S	1	1	5	50	S	V	751-01E
										734-01
										163
										817-01E
										162-01
FUFL, FUFT	T, C, U	D	S	C	16.2	-10	80	S	H	701-01E
UFL-750, 7100	T(O)	14.2	S		99.9	-40	85	S		100-03E
										L602
										100-04
										813-02E
										813-01E
										201-12
										201-06
										201-02
										201-11

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URL <http://www.fujikin.co.jp/>



ものづくり日本大賞

- the 1st MONODZUKURI NIPPON GRAND AWARDS.  
(9 developers awarded)
- the 5th MONODZUKURI NIPPON GRAND AWARDS.  
(Fujikin Vietnam 4 employees awarded)
- the 7th MONODZUKURI NIPPON GRAND AWARDS.  
(7 developers awarded)