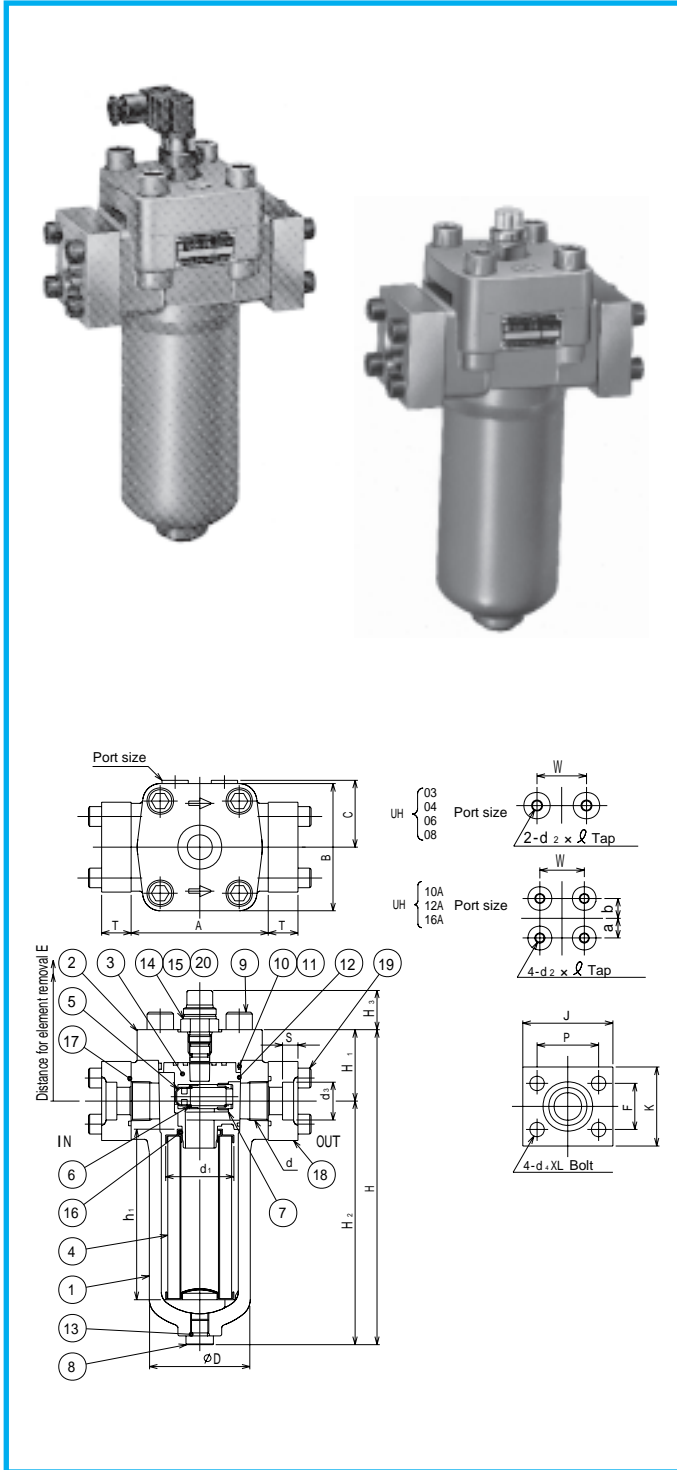


# UH MODEL

# LINE FILTER

21MPa(210kgf/cm<sup>2</sup>)



- Maximum operating pressure..... 21MPa(210kgf/cm<sup>2</sup>)  
Rated fatigue pressure..... 21MPa(210kgf/cm<sup>2</sup>)X10<sup>7</sup>cycles
- Filter element is upward removal direction.
- Element s are common to all "U"series (UL,UM,UH).
- Both thread and flange type are the same.  
Matching flange is available as option.
- Flow direction can be changed by rotating the upper cover by180 degree.(Standard is the left-right flow as shown in picture.)
- Specify fluid type for "O"ring compatibility.

Type of Element	Element Differential Pressure	Option	
		Indicator Pressure ( Change to red )	By pass opening pressure
Standard	0.7MPa	0.3MPa	0.35MPa
High differential	21MPa	0.7MPa	Non bypass

### PART LIST

ILL #	NAME	MATERIAL	QTY	REMARKS
20	Indicator	SUS303	1	} Option
19	Hexagon cap screw	SCM435	8	
18	Matching flange	SS400	2	
17	"O" ring	NBR	2	JISB 2401. 1B
16	" "	" "	1	" 1A
15	" "	" "	1	" 1A
14	" "	" "	1	" 1B
13	" "	" "	1	" 1B
12	"O" ring	NBR	1	JISB 2401. 1A*
11	Back up ring	TEFLON	1	JISB 2407. T3(ENDLESS)
10	"O" ring	NBR	1	JISB 2401. 1B
9	Hexagon Cap Screw	SCM435	4	
8	PF(G)3/8 drain plug	SCM435	1	10-16=G(PF)1/2
7	Spring hoed	SS	1	} Option
6	Spring	SWPA	1	
5	By pass	SECC	1	
4	Spring		1	
3	Flow direction changing device	ADC12	1	
2	Upper plate	FCD500	1	
1	Body	FCD500	1	

### "O" ring and Gasket list

MODEL	ILL.#	10	11	*12	13	14	15	16	Distance for element removal E	Element	
										h <sub>1</sub>	d <sub>1</sub>
UH-03A	G-70	For G-70	G-30	P-14	P-18	P-14	P-32	200	85.3	62.2	
UH-04A											
UH-06A											
UH-08A	G-95	For G-95	G-55	P-18			G-45	375	204.5	82.2	
UH-10A											
UH-12A											
UH-16A	G-110	For G-110	G-65				G-60	450	254.5	102.2	

- H3 height of indicator. I Model ... 36mm E Model ... 91mm  
Adding this height to distance element removal.

\* For high differential element, use table below (AS568-131 HS90)

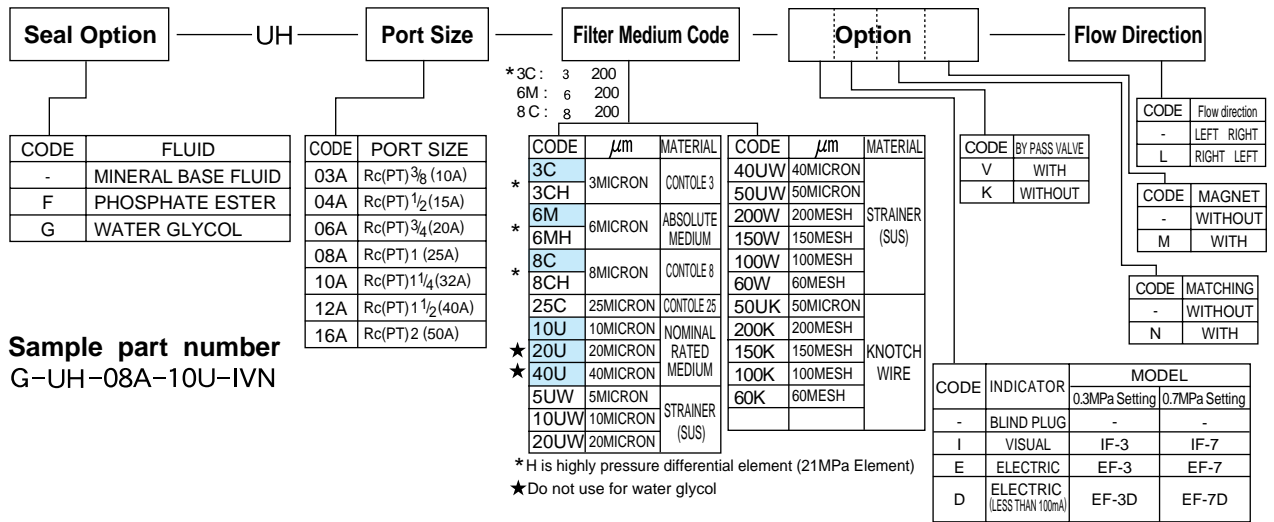
MODEL	ILL.#
UH-03A	123
UH-04A	130
UH-06A	139
UH-08A	145

### Dimension and Standard Flow Rate

MODEL	d	H	H <sub>1</sub>	H <sub>2</sub>	A	B	C	D	W	a	b	d <sub>2</sub> × $\varnothing$	Matching Flange (Option)							Weight kg*	Standard Flow Rate (l/min)		
													d <sub>3</sub>	S	T	P	F	J	K			d <sub>4</sub> × $\varnothing$	17
UH-03A	Rc(PT)3/8	206	60	146	120	116	61	92	45			M10 × 15	17.8	11	21	48	24	70	52	M10 × 35	G-30	10.0	33
UH-04A	Rc(PT)1/2												22.2										55
UH-06A	Rc(PT)3/4	287	65	222	125	116	61	92	45			M10 × 15	27.7	14	27	56	42	82	72	M12 × 45	G-40	12.2	106
UH-08A	Rc(PT)1												34.5										125
UH-10A	Rc(PT)1 1/4	374	81	293	170	151	78	122	60	20	25	M10 × 15	43.2	16	31	74	52	102	88	M16 × 55	G-55	25.4	213
UH-12A	Rc(PT)1 1/2												49.1										238
UH-16A	Rc(PT)2	457	91	366	180	170	90	147	74	20	30	M12 × 17	61.1	19	37	90	60	124	100	M18 × 60	G-70	36.6	433

\* The weight not including Matching Flange.

## ASSEMBLY PART NUMBER



## REPLACEMENT PART NUMBER



Sample part number P-G-UH-08A-10U

## PRESSURE DROP INFORMATION

- ISO VG32
- Viscosity: 32 cS( 40 )

Model UL,UM and UH common  
(Except UH 20 and 24)

