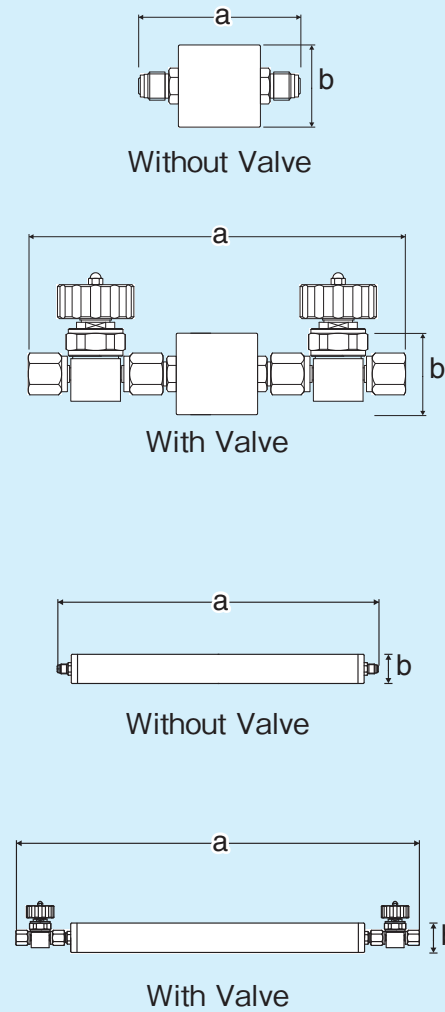


FPI series

Outline Drawing



Model*1	Dimensions(mm) (b × a)	Weight(kg)	Connection
FPI-3	Φ34.0 × 84.0	0.2	1/4" VCR male
FPI-5	Φ42.7 × 84.0	0.3	
FPI-3V	Φ34.0 × 226.2	0.8	1/4" VCR female
FPI-5V	Φ42.7 × 226.2	0.9	

Model*1	Dimensions(mm) (b × a)	Weight(kg)	Connection
FPI-15	Φ27.2 × 470.0	0.7	1/4" VCR male
FPI-30	Φ34.0 × 470.0	1.0	
FPI-50	Φ48.6 × 470.0	1.6	
FPI-300	Φ76.3 × 677.6	5.0	1/2" VCR male
FPI-15V	Φ27.2 × 612.0	1.3	1/4" VCR female
FPI-30V	Φ34.0 × 612.0	1.6	
FPI-50V	Φ48.6 × 612.0	2.2	

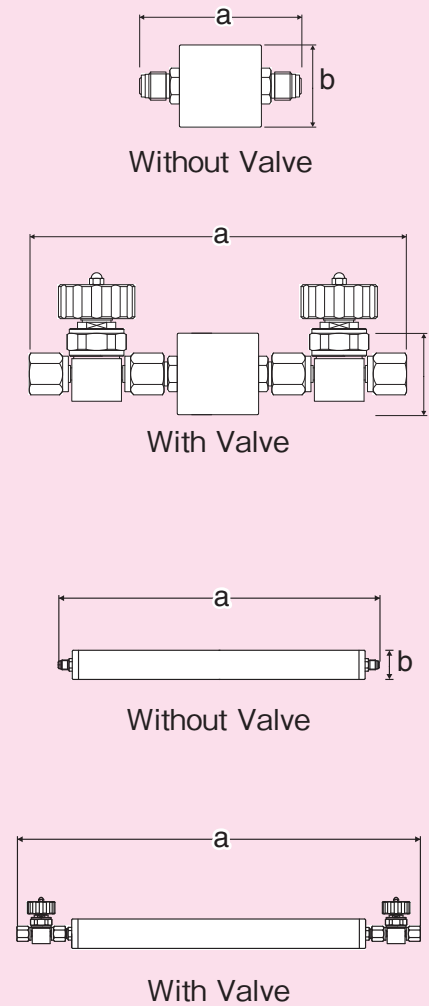
Specifications

Model*1	Compatible Gases	Inlet Conditions	Outlet Purity	Target Impurities	Purification Capacity*2	Flow Rate Range*3	Pressure Range*4
FPI-3(V)	N ₂ /Ar/He Ne/Xe/Kr	High-purity gas (≥5N, cylinder grade)	O ₂ :< 1ppb CO :< 1ppb CO ₂ :< 1ppb H ₂ O :< 1ppb	O ₂ /CO CO ₂ /H ₂ O	33 Nm ³	3NL/min以下	0.1~0.97MPaG
FPI-5(V)					56 Nm ³	5NL/min以下	0.1~0.97MPaG
FPI-15(V)					585 Nm ³	15NL/min以下	0.2~0.97MPaG
FPI-30(V)					916 Nm ³	30NL/min以下	0.4~0.97MPaG
FPI-50(V)					2,054 Nm ³	50NL/min以下	0.6~0.97MPaG
FPI-300					36,000 Nm ³	300NL/min以下	0.5~0.97MPaG

- Material: SUS316L EP
- Operating temperature range: 5 ~ 35 °C

FPH series

Outline Drawing



Model*1	Dimensions(mm) (b × a)	Weight(kg)	Connection
FPH-3	Φ34.0 × 84.0	0.2	1/4" VCR male
FPH-5	Φ42.7 × 84.0	0.3	
FPH-3V	Φ34.0 × 226.2	0.8	1/4" VCR female
FPH-5V	Φ42.7 × 226.2	0.9	

Model*1	Dimensions(mm) (b × a)	Weight(kg)	Connection
FPH-30	Φ27.2 × 470.0	0.7	1/4" VCR male
FPH-60	Φ34.0 × 470.0	1.0	
FPH-100	Φ48.6 × 470.0	1.6	
FPH-300	Φ76.3 × 677.6	5.0	1/2" VCR male
FPH-30V	Φ27.2 × 612.0	1.3	1/4" VCR female
FPH-60V	Φ34.0 × 612.0	1.6	
FPH-100V	Φ48.6 × 612.0	2.2	

Specifications

Model*1	Compatible Gases	Inlet Conditions	Outlet Purity	Target Impurities	Purification Capacity*2	Flow Rate Range*3	Pressure Range*4
FPH-3(V)	H ₂	High-purity gas (≥5N, cylinder grade)	O ₂ :< 1ppb CO :< 1ppb CO ₂ :< 1ppb H ₂ O :< 1ppb	O ₂ /CO CO ₂ /H ₂ O	33 Nm ³	3NL/min以下	0.1~0.97MPaG
FPH-5(V)					56 Nm ³	5NL/min以下	0.1~0.97MPaG
FPH-30(V)					531 Nm ³	30NL/min以下	0.2~0.97MPaG
FPH-60(V)					833 Nm ³	60NL/min以下	0.2~0.97MPaG
FPH-100(V)					1,867 Nm ³	100NL/min以下	0.3~0.97MPaG
FPH-300					6,000 Nm ³	300NL/min以下	0.2~0.97MPaG

- Material: SUS316L EP
- Operating temperature range: 5 ~ 35°C

- *1 Model V is equipped with a valve.
- *2 The processing capacity based on an inlet gas purity equivalent to 5N grade cylinder gas while maintaining the specified outlet impurity level.
- *3 Flow rate is measured at standard conditions (0 °C, 101.325 kPa).
- *4 The operating pressure range refers to conditions at maximum flow rate.