

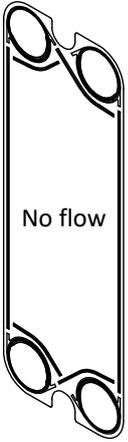
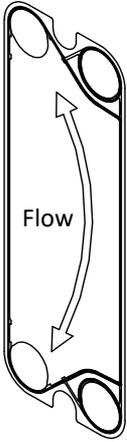
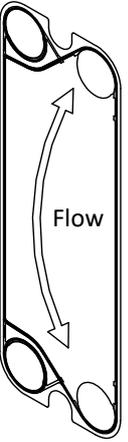
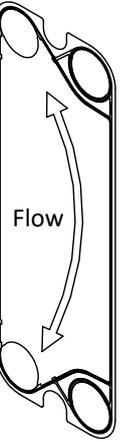
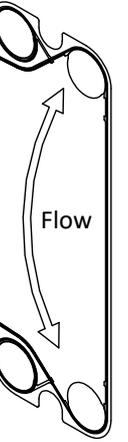
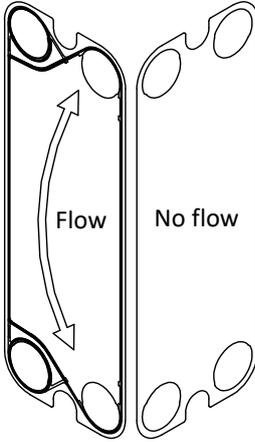


**1. Plate Heat Exchanger (PHE) / Arrangement of heat transfer plate**

PHE's plate pack consists of Heat transfer plate and Plate gasket.

The first heat transfer plate between S-Frame, L-Frame, C-Frame and E-Frame is called "D-Plate". The end plate is called "E-Plate". Plates between D-Plate and E-Plate are called "Channel Plate". Plate arrangement shall follow the below illustration.

First and end plate in the table below shows the case of A-Plate.

First plate	Channel plates				End plate
 <p>No flow</p>	 <p>Flow</p>	 <p>Flow</p>	 <p>Flow</p>	 <p>Flow ...</p>	 <p>Flow No flow</p>
	B-Plate	A-Plate	B-Plate	A-Plate	Front side Back side
Refer to section "D-Plate" for gasket installation.	Refer to section "Channel-Plate" for gasket installation.				Refer to section "E-Plate" for gasket installation.

- Gasket has each type, style, size and setting position depend on PHE models.
- For gasket installation, refer to the manual "12-3-2 Replacement of Plate Gasket".
- Refer to Mixed Gasket Materials Manual for Several Composition Materials.
- For checking the model of the device you are using, refer to the manual "7 Model Description".

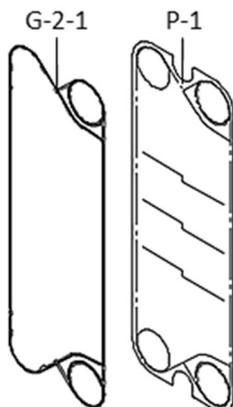
Note1) When purchase gaskets from our company, make sure the latest information because shape of gasket may change without prior notice.

**2. Type and name of heat transfer plate and gasket.**

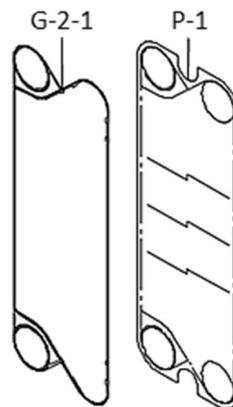
**Channel-Plate**

EX-11, 12, 15, 16

B-Plate with gasket

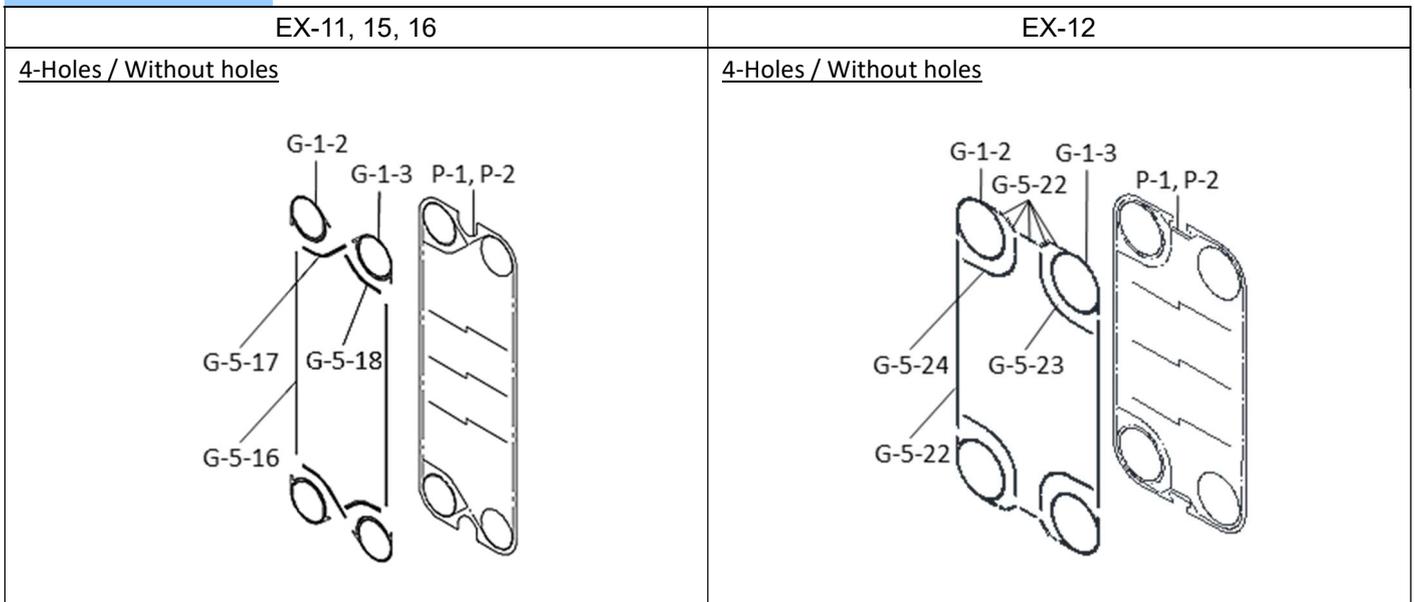


A-Plate with gasket



P-1	PLATE (4-HOLES)
P-2-1	PLATE GASKET

D-Plate

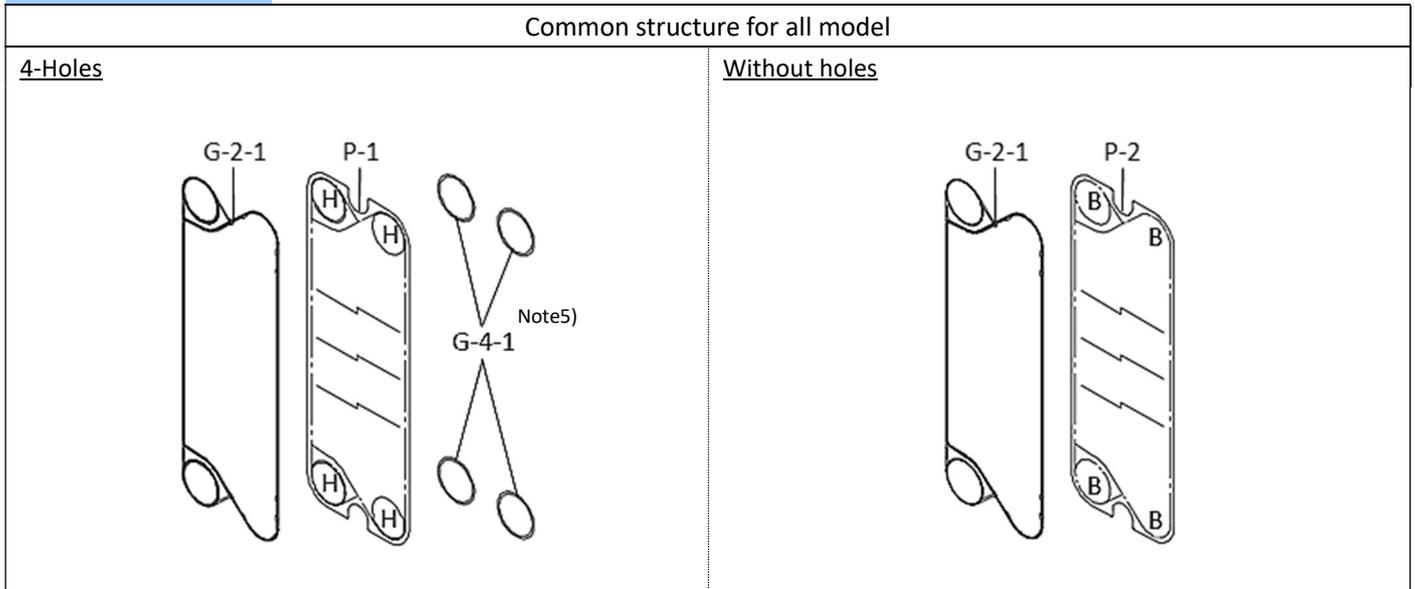


P-1	PLATE (4-HOLES)
P-2	PLATE (WITHOUT HOLES)
G-1-2	DA GASKET
G-1-3	DB GASKET
G-5-16	S DISTANCE Note)3
G-5-17	
G-5-18	
G-5-22	
G-5-23	
G-5-24	

Note2) D- Plate in the table above shows the case of A-Plate.

Note3) For dimensions of G-5, refer to "3. S Distance (G-5) Dimension Table".

E-Plate



H : Hole B : Blind

P-1	PLATE (4-HOLES)
P-2	PLATE (WITHOUT HOLES)
G-2-1	PLATE GASKET
G-4-1	E NOZZLE GASKET

Note4) E- Plate in the table above shows the case of A-Plate.

Note5) E-Nozzle gasket is no required when nozzle connection material is rubber covering.

### 3. S Distance (G-5) Dimension Table

Model	D-Plate / E-Plate	Holes	Dimension [mm]	Part number	Number
EX-11	D-Plate	4-Holes / Without holes	1300	G-5-16	2
			60		4
			330	G-5-17	2
			310	G-5-18	2
	E-Plate	4-Holes / Without holes	N/A		
EX-12	D-Plate	4-Holes / Without holes	1100	G-5-22	2
			120		2
			70		4
			30		4
			510	G-5-23	2
			510	G-5-24	2
	E-Plate	4-Holes / Without holes	N/A		
EX-15	D-Plate	4-Holes / Without holes	880	G-5-16	2
			50		4
			220	G-5-17	2
			200	G-5-18	2
	E-Plate	4-Holes / Without holes	N/A		
EX-16	D-Plate	4-Holes / Without holes	1150	G-5-16	2
			50		4
			270	G-5-17	2
			260	G-5-18	2
	E-Plate	4-Holes / Without holes	N/A		

Note6) Cut according to the dimensions in the table, and attach according to the figure in "2. Type and name of heat transfer plate and gasket."

Note7) Notation is a representative dimension. Please install the small parts according to the actual product.

Note8) For other product information and inquiries, please refer to our website and "2 Operation and Maintenance Manual".

(HP : <https://www.hisaka.co.jp/>)