

FP Series Front and Back Connections

1 to 60 gpm

Brazed Plate Heat Exchangers

NEW !!!



- Front and Back Connections
- Wall Mount Bracket
- Easy Installation

for: Hydronic Heating
Snowmelt (glycol)
Potable Hot Water
Industrial Processes



FP Series – Front and Back Connections

1 to 60 gpm



FlatPlate's **FP Series** is designed for Hydronic heating, snowmelt (glycol), potable hot water, industrial processes and other uses where an efficient, reliable and compact **fluid to fluid** heat transfer is required. 316L Stainless Steel Plates, copper brazed for long life and reliability. Heavy duty male pipe thread connections and mounting studs standard. Other connections available. Ideal for new construction or shell & tube replacement. 100% factory tested. **UL** and Canadian **CRN** Listed. ASME and European PED(CE) Code available as options.

5"x12" Models	No. of	Connect.	GPM	Width	Length	Depth	Weight
	Plates	(MPT)	Max.	(inches)	(inches)	(inches)	(lbs)
FP5X12-4 -FB (3/4" MPT)	4	3/4"	20	4.9	12.2	0.7	5
FP5X12-6 -FB (3/4" MPT)	6	3/4"	20	4.9	12.2	0.9	5
FP5X12-8 -FB (3/4" MPT)	8	3/4"	20	4.9	12.2	1.1	6
FP5X12-10 -FB (3/4" MPT)	10	3/4"	20	4.9	12.2	1.3	6
FP5X12-12 -FB (3/4" MPT)	12	3/4"	20	4.9	12.2	1.5	7
FP5X12-14 -FB (3/4" MPT)	14	3/4"	20	4.9	12.2	1.7	8
FP5X12-16 -FB (3/4" MPT)	16	3/4"	20	4.9	12.2	1.9	8
FP5X12-20 -FB (1" MPT)	20	1"	40	4.9	12.2	2.2	10
FP5X12-24 -FB (1" MPT)	24	1"	40	4.9	12.2	2.6	11
FP5X12-30 -FB (1-1/4" MPT)	30	1-1/4"	60	4.9	12.2	3.2	13
FP5X12-36 -FB (1-1/4" MPT)	36	1-1/4"	60	4.9	12.2	3.7	15
FP5X12-40 -FB (1-1/4" MPT)	40	1-1/4"	60	4.9	12.2	4.1	16
FP5X12-50 -FB (1-1/4" MPT)	50	1-1/4"	60	4.9	12.2	5.1	19
FP5X12-60 -FB (1-1/4" MPT)	60	1-1/4"	60	4.9	12.2	6.0	22
FP5X12-70 -FB (1-1/4" MPT)	70	1-1/4"	60	4.9	12.2	6.9	25
FP5X12-80 -FB (1-1/4" MPT)	80	1-1/4"	60	4.9	12.2	7.9	29

Fitting Options:

Standard: MPT (Male) Fittings

Optional FPT (Female) Pipe Fittings (3/8" thru 1" FPT)

Materials:

Plate Material: 316L Stainless Steel

Copper Braze Alloy: 99.9%

Connection Material: 304/304L Stainless Steel

Mounting Brackets:

BKT5x12-WALL or
BKT5X12 Mounting Brackets



Insulation Kits: See Hydronic Catalog

Code Options:

Standard: UL Listed & Canadian CRN Registered

Optional ASME Code Stamped:

Insert "-UM" after model number.

Example: FP5x12-50-FB (1-1/4" MPT)-UM

Optional European PED (CE) approval:

Insert "-CE" after model number.

Example: FP5x12-50-FB (1-1/4" MPT)-CE

MAWP (Maximum Allowable Working Pressure):
450 psig @ 350°F