

SERIES FFW AHRI

PLATE & FRAME HEAT EXCHANGERS



The Flo Fab heat exchanger consists of stamped plates designed to maximize heat transfer. Gaskets are fixed between the plates to contain the two separate fluids. These fluids flow alternately between every other plate, counter-flowing to produce the greatest rate of heat transfer and provide the closest temperature approach to the incoming cold fluid. The stamped plates use enhanced surface area flow to create scrubbing turbulence that increase the U-coefficient and increases heat transfer.

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Heat transfer plates are available in many lengths, widths, connection sizes, thicknesses and stamped configurations that create various depths and angles to maximize heat transfer and reduce installed cost. The most common plate angles are 30° and 60°. The 30° plate creates a tortuous path for greater heat transfer, but with a higher pressure drop than the 60° plate. Flo Fab' sizing software will calculate the optimum heat transfer plate and plate sequencing for any application.

Datasheet

Features
Performance Curves

10 000
US GPM

Max Flow

400 PSI

Max.
Pressure

320°F

Max.
Temperature

FEATURES

- Compact design
- High flexibility
- Lock gasket system
- Gentle product handling

BENEFITS

- Lower operating costs
- Cost-effective
- Easy assembly
- Increased energy efficiency
- Easy cleaning
- Dead spots, that cause corrosion and fouling are eliminated

Dimensions

MODEL	DIMENSIONS						WEIGHT	
	Max. Flowrate (GPM)	Height (in)	Width (in)	Max Length	Conn. Size	Area Max.	Base (lbs)	Per Plate (lbs/kg)
FFW10	60 13.63	21 533	8 203	18 457	1	30	150 68	0.5 0.23
FFW20	250 56.77	35 889	14 356	60 1524	2	400	500 227	2.0 0.91
FFW21	250 56.77	35 889	14 356	60 1524	2	500	500 227	1.5 0.68
FFW40	1000 227.09	44 1118	19 483	84 2134	4	600	1000 454	3.5 1.59
FFW41	1000 227.09	44 1118	19 483	84 2134	4	1000	1000 454	3.0 1.36
FFW45	1000 227.09	74 1880	19 483	96 2438	4	2000	1600 726	6.0 2.72
FFW60	2200 499.60	75 1905	25 635	108 2743	6	2400	3000 1361	8.0 3.63
FFW61	2200 499.60	75 1905	25 635	108 2743	6	4200	3000 1361	7.0 3.18
FFW80	4000 908.37	88 2235	30 762	192 4877	8	4500	3000 1361	11.0 4.99
FFW81	4000 908.37	88 2235	30 762	192 4877	8	5000	3000 1361	10.0 4.54
FFW101	5000 1135.46	109 2769	35 889	216 5486	10	11000	5500 2495	16.0 7.26
FFW140	10000 2270.92	112 2845	45 1143	240 6096	14	12500	8000 3629	20.0 9.07

DOUBLE WALL MODEL	DIMENSIONS						WEIGHT	
	Max. Flowrate (GPM)	Height in/mm	Width in/mm	Max Length	Conn. Size	Area Max.	Base (lbs/kg)	Per Plate (lbs/kg)
FFW10DW	60 13.63	21 533	8 203	18 457	1	30	150 60	0.5 0.23
FFW20DW	250 56.77	35 889	14 356	60 1524	2	400	500 250	2.0 0.91
FFW21DW	250 56.77	35 889	14 356	60 1524	2	500	500 250	2.0 0.91
FFW41DW	1000 227.09	44 1118	19 483	84 2134	4	1000	1000 454	3.5 1.59
FFW45DW	1000 227.09	74 1880	19 483	96 2438	4	2000	1600 726	6.0 2.72
FFW61DW	2200 499.60	75 1905	25 635	108 2743	6	4200	3000 1361	7.0 3.18

