

SINCE 1908
wessels
 company

SUBMITTAL

WP-SERIES

PLATE HEAT EXCHANGERS

Models: WP10 thru WP140

Submittal Sheet No. M-1001A

Date: 12/13

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	
Contractor _____	_____	
Sales Rep. _____	_____	

Description

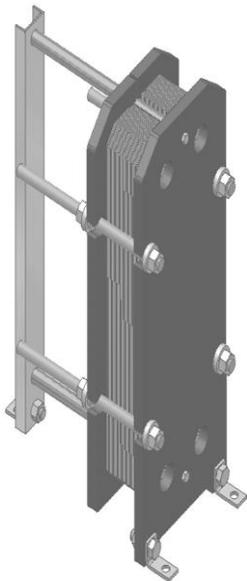
Wessels type WP-series plate heat exchangers are ASME certified and designed to efficiently transfer heat from one fluid to another. The fluids are separated by corrosion resistant heat transfer plates and contained by elastomer gaskets. The units are tailored to any fluid flow and temperature requirements to achieve the greatest economically efficient design.

Construction

Plates: 304SS Optional: 316SS
 Gaskets: Nitrile Optional: EPDM
 Connections: Carbon Optional: Stainless
 Heads: Carbon Steel

Performance

Design Temperature: 230°F
 Design Pressure: 150 psi
 (320°F & 300 psi available)



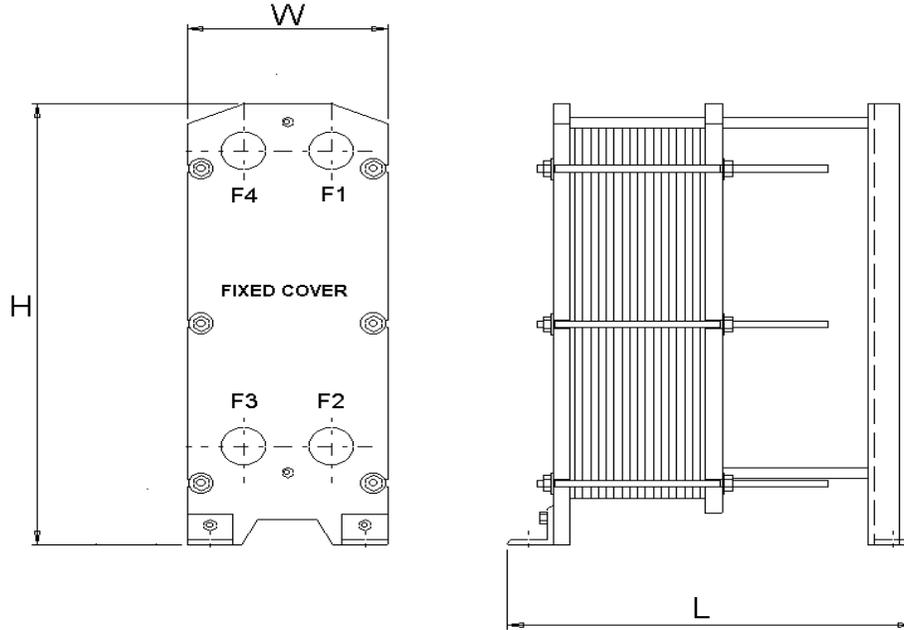
Model Number	Part Number	Max Flow (GPM)	Tagging Information	Quantity
WP10	58010018	60		
WP20	58020060	250		
WP21	58021060	250		
WP40	58040084	1,000		
WP41	58041084	1,000		
WP45	58045096	1,000		
WP60	58060108	2,200		
WP61	58061108	2,200		
WP80	58080192	4,000		
WP81	58081192	4,000		
WP101	58101216	5,000		
WP140	58140240	10,000		

Typical Specification

Furnish and install, as shown on plans, a Wessels model _____ to transfer _____ btu/hr from source fluid _____ to secondary fluid _____. The gasket material is Nitrile. The heat exchanger must be constructed with most recent addendum of Section VIII, Div.1 of the ASME Boiler and Pressure Vessel Code and shall be constructed and stamped for 150 PSI working pressure @ 230°F.

Each heat exchanger shall be Wessels Model WP _____ or approved equal.

Plate Heat Exchangers



Capacities, Dimensions & Weights

Model	Maximum Flow rate (GPM)	Height (in.)	Width (in.)	Maximum Length (in.)	Conn. Size (in.)	Area Maximum (ft ²)	Weight (lbs.)	
							Base	Per Plate
WP10	60	21	8	24	1	30	150	0.5
WP20	250	35	14	60	2	400	500	2
WP21	250	35	14	60	2	500	500	1.5
WP40	1,000	44	19	84	4	600	1,000	3.5
WP41	1,000	44	19	84	4	1,000	1,000	3
WP45	1,000	74	19	96	4	2,000	1,600	6
WP60	2,200	75	25	108	6	2,400	3,000	8
WP61	2,200	75	25	108	6	4,200	3,000	7
WP80	4,000	88	30	192	8	4,500	3,000	11
WP81	4,000	88	30	192	8	5,000	3,000	10
WP101	5,000	109	35	216	10	11,000	5,500	16
WP140	10,000	112	45	240	14	12,500	8,000	20

Notes

- ASME Certified
- Available in higher pressures and temperatures
- Canadian Registration Numbers available