

EZ PLATE® DUAL HEAT EXCHANGER - DOUBLE-WALL

PERFORMANCE UNDER DIFFERENT BOILER WATER AND DOMESTIC WATER CONDITIONS

| Boiler Water Side * | | | | Domestic Water Recovery (gallons per hour) * | | | | | | |
|---------------------|------------------|---------------|------------------------------------|--|---------------|----------------|---------------|----------------|---------------|----------------|
| Prefix | Inlet Temp. (°F) | Flow Rate gpm | Pressure Drop psi / (valve size**) | | 40°F to 120°F | | 40°F to 140°F | | 40°F to 160°F | |
| | | | | | Recovery | BW Return Temp | Recovery | BW Return Temp | Recovery | BW Return Temp |
| 2400-2 | 125 | 80 | 1.0 | 4.8 With Option 5 (1-1/2") | 2216 | 88 | n/a | | n/a | |
| 2400-2 | 130 | 80 | | | 2870 | 82 | n/a | | n/a | |
| 2400-2 | 140 | 80 | | | 3816 | 76 | n/a | | n/a | |
| 2400-2 | 145 | 80 | | | 4226 | 74 | 2344 | 96 | n/a | |
| 2400-2 | 150 | 80 | | | 4602 | 72 | 2824 | 91 | n/a | |
| 2400-2 | 160 | 80 | | | 5390 | 69 | 3712 | 82 | n/a | |
| 2400-2 | 170 | 80 | | | 6076 | 67 | 4320 | 79 | 2668 | 103 |
| 2400-2 | 180 | 80 | | | 6758 | 65 | 4800 | 78.5 | 3412 | 94 |

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| | | | | | Recovery | BW Return Temp | Recovery | BW Return Temp | Recovery | BW Return Temp |
| 3000-2 | 125 | 100 | 1.1 | 7.0 With Option 5 (1-1/2") | 2694 | 89 | n/a | | n/a | |
| 3000-2 | 130 | 100 | | | 3438 | 84 | n/a | | n/a | |
| 3000-2 | 140 | 100 | | | 4696 | 77 | n/a | | n/a | |
| 3000-2 | 145 | 100 | | | 5208 | 75 | 2930 | 96 | n/a | |
| 3000-2 | 150 | 100 | | | 5646 | 74 | 3530 | 91 | n/a | |
| 3000-2 | 160 | 100 | | | 6588 | 71 | 4640 | 82 | n/a | |
| 3000-2 | 170 | 100 | | | 7448 | 69 | 5400 | 79 | 3236 | 105 |
| 3000-2 | 180 | 100 | | | 8300 | 67 | 5700 | 78.5 | 4166 | 96 |

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| | | | | | Recovery | BW Return Temp | Recovery | BW Return Temp | Recovery | BW Return Temp |
| 3600-2 | 125 | 120 | 1.3 | 4.0 With Option 5 (2") | 3322 | 88 | n/a | | n/a | |
| 3600-2 | 130 | 120 | | | 4216 | 83 | n/a | | n/a | |
| 3600-2 | 140 | 120 | | | 5724 | 76 | n/a | | n/a | |
| 3600-2 | 145 | 120 | | | 6340 | 74 | 3516 | 96 | n/a | |
| 3600-2 | 150 | 120 | | | 6952 | 72 | 4236 | 91 | n/a | |
| 3600-2 | 160 | 120 | | | 7994 | 70 | 5568 | 82 | n/a | |
| 3600-2 | 170 | 120 | | | 8938 | 69 | 6480 | 79 | 3764 | 107 |
| 3600-2 | 180 | 120 | | | 9872 | 68 | 7200 | 78.5 | 4940 | 97 |

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| | | | | | Recovery | BW Return Temp | Recovery | BW Return Temp | Recovery | BW Return Temp |
| 4500-2 | 125 | 150 | 1.4 | 5.5 With Option 5 (2") | 3816 | 91 | n/a | | n/a | |
| 4500-2 | 130 | 150 | | | 5046 | 85 | n/a | | n/a | |
| 4500-2 | 140 | 150 | | | 6818 | 79 | n/a | | n/a | |
| 4500-2 | 145 | 150 | | | 7588 | 77 | 4395 | 96 | n/a | |
| 4500-2 | 150 | 150 | | | 8356 | 75 | 5295 | 91 | n/a | |
| 4500-2 | 160 | 150 | | | 9660 | 73 | 6960 | 82 | n/a | |
| 4500-2 | 170 | 150 | | | 11626 | 71 | 8100 | 79 | 4704 | 107 |
| 4500-2 | 180 | 150 | | | 12230 | 69 | 9000 | 78.5 | 6100 | 98 |

* Shown as total for the Heat exchanger.

** Two valves needed, one per Heat Exchanger.

For redundant systems, see PV8601. PSID does not change.