



**Domestic Hot Water Performance Chart
for SEC Brazed Plate Heat Exchangers**

1. Select the MODEL for your requirements
2. Complete the FORM below
3. Fax to ~~902-566-5030~~ for Price Request

902-659-2800

| Btu/hr | USGPM Boiler Flow | Inlet Temp Boiler | Outlet Temp Boiler | USGPM Water Flow | Inlet Temp Water | Outlet Temp Water | Model M14 | PSI Hot Side | PSI Cold Side | Model M31 | PSI Hot Side | PSI Cold Side | Model M110 | PSI Hot Side | PSI Cold Side |
|---------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|-------------------------|--------------|--------------------|---------------------|--------------|--------------------|---------------------|---------------|--------------------|---------------------|
| 20,000 | 2.03 | 180F | 160F | 0.40 | 40F | 140F | M14-6 | 1.91 | 0.09 | | | | | | |
| 30,000 | 3.05 | 180F | 160F | 0.60 | 40F | 140F | M14-6 | 4.17 | 0.20 | | | | | | |
| 40,000 | 4.07 | 180F | 160F | 0.80 | 40F | 140F | M14-10 | 2.73 | 0.13 | | | | | | |
| 50,000 | 5.08 | 180F | 160F | 1.00 | 40F | 140F | M14-10 | 4.21 | 0.20 | | | | | | |
| 60,000 | 6.10 | 180F | 160F | 1.20 | 40F | 140F | M14-20 | 1.63 | 0.07 | | | | | | |
| 70,000 | 7.11 | 180F | 160F | 1.40 | 40F | 140F | M14-20 | 2.19 | 0.10 | M31-20 | 1.73 | 0.09 | | | |
| 80,000 | 8.13 | 180F | 160F | 1.60 | 40F | 140F | M14-20 | 2.84 | 0.13 | M31-20 | 2.23 | 0.11 | | | |
| 90,000 | 9.15 | 180F | 160F | 1.80 | 40F | 140F | M14-20 | 3.56 | 0.17 | M31-20 | 2.79 | 0.14 | | | |
| 100,000 | 10.17 | 180F | 160F | 2.00 | 40F | 140F | M14-20 | 4.37 | 0.21 | M31-20 | 3.41 | 0.17 | | | |
| 125,000 | 12.70 | 180F | 160F | 2.50 | 40F | 140F | M14-30 | 3.26 | 0.15 | M31-20 | 5.20 | 0.27 | | | |
| 140,000 | 14.23 | 180F | 160F | 2.80 | 40F | 140F | M14-30 | 4.06 | 0.19 | M31-30 | 3.02 | 0.15 | | | |
| 150,000 | 15.25 | 180F | 160F | 3.00 | 40F | 140F | M14-30 | 4.65 | 0.22 | M31-30 | 3.45 | 0.18 | M110-20 | 1.53 | 0.09 |
| 175,000 | 17.79 | 180F | 160F | 3.50 | 40F | 140F | M14-40 | 3.89 | 0.18 | M31-30 | 4.62 | 0.23 | M110-20 | 2.05 | 0.10 |

| | | | | | | | | | | | | | | | |
|---------|-------|------|------|-------|-----|------|--------|------|------|---------|------|------|---------|------|------|
| 200,000 | 20.33 | 180F | 160F | 4.00 | 40F | 140F | M14-40 | 5.04 | 0.23 | M31-30 | 5.96 | 0.30 | M110-20 | 2.65 | 0.13 |
| 300,000 | 30.50 | 180F | 160F | 6.01 | 40F | 140F | | | | M31-50 | 5.08 | 0.26 | M110-20 | 5.72 | 0.29 |
| 400,000 | 40.67 | 180F | 160F | 8.00 | 40F | 140F | | | | M31-70 | 4.92 | 0.24 | M110-30 | 4.63 | 0.24 |
| 500,000 | 50.84 | 180F | 160F | 10.01 | 40F | 140F | | | | M31-90 | 5.03 | 0.25 | M110-40 | 4.16 | 0.21 |
| 600,000 | 61.00 | 180F | 160F | 12.01 | 40F | 140F | | | | M31-120 | 4.73 | 0.23 | M110-50 | 3.93 | 0.20 |
| 750,000 | 71.17 | 180F | 160F | 14.01 | 40F | 140F | | | | M31-130 | 5.76 | 0.27 | M110-50 | 5.27 | 0.27 |

| | | | | | | | | | | | | | | | |
|---------------|---------------|---------------|---------------|--------------|--------------|---------------|--------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|
| 900,000 | 91.50 | 180F | 160F | 18.02 | 40F | 140F | | | | | | | M110-70 | 4.74 | 0.24 |
| 1,000,000 | 101.67 | 180F | 160F | 20.02 | 40F | 140F | | | | | | | M110-80 | 4.65 | 0.23 |
| 1,250,000 | 127.10 | 180F | 160F | 25.03 | 40F | 140F | | | | | | | M110-100 | 5.04 | 0.25 |
| 1,500,000 | 152.51 | 180F | 160F | 30.03 | 40F | 140F | | | | | | | M110-120 | 5.52 | 0.27 |
| 1,900,000 | 193.18 | 180F | 160F | 38.05 | 40F | 140F | | | | | | | M110-170 | 5.80 | 0.27 |
| Btu/hr | USGPM | Inlet | Outlet | USGPM | Inlet | Outlet | Model | PSI | PSI | Model | PSI | PSI | Model | PSI | PSI |
| | Boiler | Temp | Temp | Water | Temp | Temp | M14 | Hot | Cold | M31 | Hot | Cold | M110 | Hot | Cold |
| | Flow | Boiler | Boiler | Flow | Water | Water | | Side | Side | | Side | Side | | Side | Side |

Domestic Hot Water - "PRICE REQUEST FORM"

Quantity: _____ **Delivery Required by:** _____

Project Reference: _____

Name: _____ **Company:** _____

Address: _____ **City:** _____ **Province/State:** _____

Postal/Zip Code: _____ **Country:** _____

Phone: _____ **Fax:** _____ **Email:** _____