

# FT Series Condensing Units



**Medium**  
Temperature  
3-40  
HP

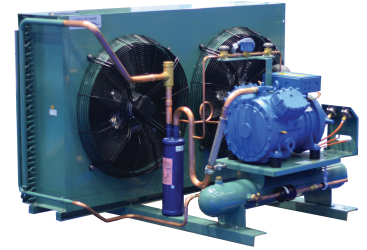
**Low**  
Temperature  
-4-30  
HP



**R-404A**



**380V/3Ph/50Hz**

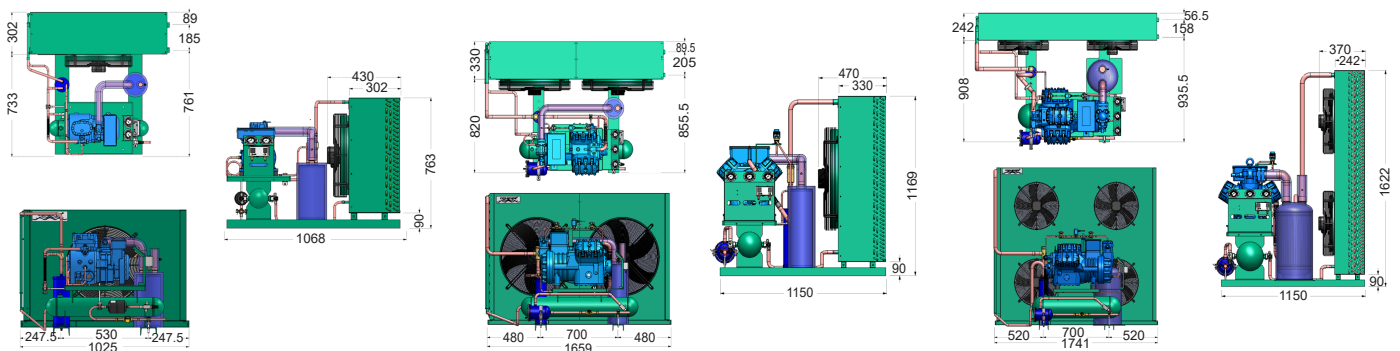


## Product Specifications

| Compressor                                      | Model      | Compressor |             |              | Condenser Model | Fan Motor         |                | Receiver Tank (Litre) | Connection Size (Inch) |         |        | Approx. Weight (kg) |
|-------------------------------------------------|------------|------------|-------------|--------------|-----------------|-------------------|----------------|-----------------------|------------------------|---------|--------|---------------------|
|                                                 |            | HP         | Oil (Litre) | LRA/MCC (A.) |                 | Blade x Qty (mm.) | FLA x Qty (A.) |                       | Discharge              | Suction | Liquid |                     |
| <b>frascold®</b><br>Semi-Hermetic Reciprocating | FTM 080F-Z | 3          | 1.10        | 15.3/79.9    | THC360          | 450 x 1           | 0.6 x 1        | 6                     | 5/8                    | 1-1/8   | 1/2    | 150                 |
|                                                 | FTM 100F-Z | 4          | 1.20        | 20.1/90.3    | THC450          | 450 x 2           | 0.6 x 2        | 8                     | 3/4                    | 1-1/8   | 1/2    | 195                 |
|                                                 | FTM 120F-Z | 5          | 1.60        | 20.1/109.7   | THC500          | 450 x 2           | 0.6 x 2        | 8                     | 3/4                    | 1-1/8   | 1/2    | 210                 |
|                                                 | FTM 140F-Z | 5          | 1.60        | 23.9/109.7   | THC630          | 500 x 2           | 0.9 x 2        | 10                    | 7/8                    | 1-1/8   | 5/8    | 210                 |
|                                                 | FTM 170F-Z | 7          | 1.60        | 30.7/151.8   | THC760          | 500 x 2           | 0.9 x 2        | 10                    | 1-1/8                  | 1-3/8   | 5/8    | 215                 |
|                                                 | FTM 200F-Z | 7          | 1.60        | 34.7/151.8   | THC850          | 500 x 2           | 0.9 x 2        | 16                    | 1-1/8                  | 1-3/8   | 5/8    | 240                 |
|                                                 | FTM 240F-Z | 12         | 2.90        | 22.4/59.1    | THC1060         | 630 x 2           | 1.96 x 2       | 16                    | 1-1/8                  | 1-3/8   | 5/8    | 335                 |
|                                                 | FTM 320F-Z | 15         | 2.90        | 32.4/74.8    | THC1420         | 630 x 2           | 1.96 x 2       | 23                    | 1-1/8                  | 1-5/8   | 7/8    | 295                 |
|                                                 | FTM 350F-Z | 20         | 4.00        | 35.3/106.6   | THC1420         | 630 x 2           | 1.96 x 2       | 23                    | 1-1/8                  | 1-5/8   | 7/8    | 335                 |
|                                                 | FTM 420F-Z | 25         | 4.00        | 43.5/118.3   | THB1440         | 450 x 4           | 0.6 x 4        | 23                    | 1-3/8                  | 2-1/8   | 7/8    | 360                 |
|                                                 | FTM 520F-Z | 30         | 4.00        | 49.2/132.6   | THB1440         | 450 x 4           | 0.6 x 4        | 30                    | 1-3/8                  | 2-1/8   | 7/8    | 460                 |
|                                                 | FTM 760F-Z | 40         | 7.20        | 71.9/159.2   | THB1920         | 500 x 4           | 0.9 x 4        | 30                    | 1-5/8                  | 2-5/8   | 1-1/8  | 630                 |
|                                                 | FTL 060F-Z | 4          | 1.60        | 17.3/92.6    | THC450          | 450 x 2           | 0.6 x 2        | 8                     | 3/4                    | 1-1/8   | 1/2    | 195                 |
|                                                 | FTL 070F-Z | 5          | 1.60        | 24.3/109.7   | THC500          | 450 x 2           | 0.6 x 2        | 8                     | 7/8                    | 1-3/8   | 1/2    | 200                 |
|                                                 | FTL 080F-Z | 5          | 1.60        | 25/109.7     | THC630          | 500 x 2           | 0.9 x 2        | 10                    | 1-1/8                  | 1-3/8   | 5/8    | 220                 |
|                                                 | FTL 090F-Z | 7          | 1.60        | 33.6/151.8   | THC720          | 500 x 2           | 0.9 x 2        | 10                    | 1-1/8                  | 1-3/8   | 5/8    | 285                 |
|                                                 | FTL 110F-Z | 8          | 2.90        | 20.3/52.7    | THC760          | 500 x 2           | 0.9 x 2        | 10                    | 1-1/8                  | 1-3/8   | 5/8    | 335                 |
|                                                 | FTL 150F-Z | 15         | 2.90        | 30.7/74.8    | THC1170         | 630 x 2           | 1.96 x 2       | 16                    | 1-1/8                  | 1-5/8   | 5/8    | 295                 |
|                                                 | FTL 160F-Z | 15         | 4.00        | 31.1/74.8    | THC1170         | 630 x 2           | 1.96 x 2       | 16                    | 1-1/8                  | 1-5/8   | 7/8    | 380                 |
|                                                 | FTL 190F-Z | 15         | 4.00        | 32.2/74.8    | THB1100         | 500 x 2           | 0.9 x 2        | 16                    | 1-1/8                  | 1-5/8   | 7/8    | 380                 |
|                                                 | FTL 210F-Z | 20         | 4.00        | 46.2/106.6   | THC1420         | 630 x 2           | 1.96 x 2       | 23                    | 1-1/8                  | 1-5/8   | 7/8    | 460                 |
|                                                 | FTL 220F-Z | 25         | 4.00        | 52.3/118.3   | THB1440         | 450 x 4           | 0.6 x 4        | 23                    | 1-3/8                  | 2-1/8   | 7/8    | 460                 |
|                                                 | FTL 270F-Z | 25         | 3.70        | 53.6/118.3   | THB1440         | 450 x 4           | 0.6 x 4        | 23                    | 1-3/8                  | 2-1/8   | 7/8    | 560                 |
|                                                 | FTL 310F-Z | 30         | 7.20        | 55.7/132.6   | THB1440         | 450 x 4           | 0.6 x 4        | 30                    | 1-3/8                  | 2-1/8   | 7/8    | 381                 |
| <b>Bitzer</b><br>Semi-Hermetic Reciprocating    | FTM 080B-Z | 3          | 1.20        | 4.6/8.6      | THC360          | 450 x 1           | 0.6 x 4        | 6                     | 5/8                    | 7/8     | 1/2    | 121                 |
|                                                 | FTM 100B-Z | 4          | 1.20        | 5.6/10       | THC450          | 450 x 2           | 0.6 x 2        | 8                     | 5/8                    | 7/8     | 1/2    | 123                 |
|                                                 | FTM 140B-Z | 6          | 1.60        | 7.6/13.6     | THC630          | 500 x 2           | 0.9 x 2        | 10                    | 5/8                    | 1-1/8   | 5/8    | 220                 |
|                                                 | FTM 170B-Z | 7          | 1.60        | 8.9/16.5     | THC760          | 500 x 2           | 0.9 x 2        | 10                    | 7/8                    | 1-1/8   | 5/8    | 225                 |
|                                                 | FTM 200B-Z | 9          | 1.60        | 11.3/20.2    | THC850          | 500 x 2           | 0.9 x 2        | 16                    | 7/8                    | 1-1/8   | 5/8    | 250                 |
|                                                 | FTM 240B-Z | 12         | 2.90        | 14/25.1      | THC1060         | 630 x 2           | 1.96 x 2       | 16                    | 1-1/8                  | 1-3/8   | 5/8    | 305                 |
|                                                 | FTM 320B-Z | 15         | 2.90        | 16/28.2      | THC1420         | 630 x 2           | 1.96 x 2       | 23                    | 1-1/8                  | 1-5/8   | 7/8    | 325                 |
|                                                 | FTM 350B-Z | 20         | 4.00        | 19/33.2      | THC1420         | 630 x 2           | 1.96 x 2       | 23                    | 1-1/8                  | 1-5/8   | 7/8    | 350                 |
|                                                 | FTM 420B-Z | 25         | 4.00        | 25/44        | THB1440         | 450 x 4           | 0.6 x 4        | 23                    | 1-1/8                  | 2-1/8   | 7/8    | 405                 |
|                                                 | FTM 520B-Z | 30         | 4.00        | 28/51.2      | THB1440         | 450 x 4           | 0.6 x 4        | 30                    | 1-1/8                  | 2-1/8   | 7/8    | 485                 |
|                                                 | FTM 760B-Z | 40         | 4.00        | 42/73.9      | THB1920         | 500 x 4           | 0.9 x 4        | 30                    | 1-3/8                  | 2-1/8   | 1-1/8  | 610                 |
|                                                 | FTL 060B-Z | 4          | 1.20        | 6.9/12.2     | THC450          | 450 x 2           | 0.6 x 2        | 8                     | 5/8                    | 1-1/8   | 1/2    | 220                 |
|                                                 | FTL 070B-Z | 5          | 1.20        | 8.1/14.5     | THC500          | 450 x 2           | 0.6 x 2        | 8                     | 7/8                    | 1-1/8   | 1/2    | 220                 |
|                                                 | FTL 080B-Z | 6          | 1.60        | 9.7/17.7     | THC630          | 500 x 2           | 0.9 x 2        | 10                    | 7/8                    | 1-1/8   | 5/8    | 225                 |
|                                                 | FTL 090B-Z | 9          | 1.60        | 13/9.9       | THC720          | 500 x 2           | 0.9 x 2        | 10                    | 1-1/8                  | 1-3/8   | 5/8    | 225                 |
|                                                 | FTL 110B-Z | 12         | 1.60        | 14/22.7      | THC760          | 500 x 2           | 0.9 x 2        | 10                    | 1-1/8                  | 1-3/8   | 5/8    | 310                 |
|                                                 | FTL 150B-Z | 14         | 2.90        | 17/26.6      | THC1170         | 630 x 2           | 1.96 x 2       | 16                    | 1-1/8                  | 1-3/8   | 5/8    | 310                 |
|                                                 | FTL 160B-Z | 15         | 2.90        | 19/30.8      | THC1170         | 630 x 2           | 1.96 x 2       | 16                    | 1-1/8                  | 1-5/8   | 7/8    | 350                 |
|                                                 | FTL 190B-Z | 18         | 4.00        | 22/36.7      | THB1100         | 500 x 2           | 0.9 x 4        | 16                    | 1-1/8                  | 1-5/8   | 7/8    | 350                 |
|                                                 | FTL 220B-Z | 23         | 4.00        | 27/43.9      | THB1440         | 450 x 4           | 0.6 x 4        | 23                    | 1-1/8                  | 2-1/8   | 7/8    | 435                 |
|                                                 | FTL 270B-Z | 28         | 4.00        | 31/52.8      | THB1440         | 450 x 4           | 0.6 x 4        | 23                    | 1-1/8                  | 2-1/8   | 7/8    | 560                 |
|                                                 | FTL 310B-Z | 28         | 4.00        | 33/53.2      | THB1440         | 450 x 4           | 0.6 x 4        | 30                    | 1-3/8                  | 2-1/8   | 7/8    | 560                 |

**Remark:** HP : Horse Power    LRA : Lock Rotor Amp.    MCC : Maximum Continuous Current    FLA : Full Load Amp.

## Dimension



# Performance Table

## R-404A Medium Temperature Application



| Model      | Te -25°C |       | Te -20°C |       | Te -15°C |       | Te -10°C |       | Te -5°C |       | Te 0°C |       | Te 5°C |       |
|------------|----------|-------|----------|-------|----------|-------|----------|-------|---------|-------|--------|-------|--------|-------|
|            | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.    | P.A.  | P.F.   | P.A.  | P.F.   | P.A.  |
| FTM 080F-Z | 3.43     | 2.27  | 4.36     | 2.55  | 5.41     | 2.85  | 6.57     | 3.14  | 7.83    | 3.44  | 9.23   | 3.73  | 10.73  | 4.02  |
| FTM 100F-Z | 4.45     | 3.00  | 5.62     | 3.39  | 6.94     | 3.79  | 8.42     | 4.19  | 10.04   | 4.58  | 11.83  | 4.96  | 13.76  | 5.33  |
| FTM 120F-Z | 5.14     | 3.21  | 6.63     | 3.72  | 8.29     | 4.22  | 10.09    | 4.67  | 12.03   | 5.08  | 14.10  | 5.46  | 16.33  | 5.77  |
| FTM 140F-Z | 6.05     | 3.78  | 7.72     | 4.31  | 9.62     | 4.84  | 11.75    | 5.37  | 14.11   | 5.89  | 16.70  | 6.40  | 19.44  | 6.91  |
| FTM 170F-Z | 7.61     | 4.79  | 9.57     | 5.38  | 11.78    | 5.97  | 14.26    | 6.56  | 17.36   | 7.15  | 20.02  | 7.76  | 23.31  | 8.38  |
| FTM 200F-Z | 8.88     | 5.44  | 11.12    | 6.12  | 13.64    | 6.86  | 16.49    | 7.60  | 19.62   | 8.36  | 23.05  | 9.11  | 26.78  | 9.84  |
| FTM 240F-Z | 10.40    | 5.92  | 13.18    | 6.82  | 16.39    | 7.74  | 19.96    | 8.68  | 23.94   | 9.64  | 28.32  | 10.61 | 33.02  | 11.60 |
| FTM 320F-Z | 14.86    | 8.27  | 18.53    | 9.35  | 22.60    | 10.47 | 27.18    | 11.59 | 32.30   | 12.69 | 38.01  | 13.76 | 44.27  | 14.81 |
| FTM 350F-Z | 15.22    | 9.28  | 19.39    | 10.52 | 24.11    | 11.79 | 29.50    | 13.04 | 35.46   | 14.30 | 42.05  | 15.53 | 49.17  | 16.77 |
| FTM 420F-Z | 18.04    | 11.26 | 22.73    | 12.83 | 28.06    | 14.45 | 33.96    | 16.09 | 40.57   | 17.73 | 47.63  | 19.40 | 55.39  | 21.04 |
| FTM 520F-Z | 21.74    | 13.61 | 27.20    | 15.52 | 33.30    | 17.49 | 40.08    | 19.49 | 47.42   | 21.53 | 55.39  | 23.58 | 63.94  | 25.64 |
| FTM 760F-Z | 31.60    | 19.16 | 39.63    | 21.86 | 48.63    | 24.69 | 58.64    | 27.60 | 69.49   | 30.61 | 81.42  | 33.66 | 94.00  | 36.78 |

## R-404A Medium Temperature Application



| Model      | Te -25°C |       | Te -20°C |       | Te -15°C |       | Te -10°C |       | Te -5°C |       | Te 0°C |       | Te 5°C |       |
|------------|----------|-------|----------|-------|----------|-------|----------|-------|---------|-------|--------|-------|--------|-------|
|            | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.    | P.A.  | P.F.   | P.A.  | P.F.   | P.A.  |
| FTM 080B-Z | 3.61     | 2.10  | 4.52     | 2.38  | 5.54     | 2.67  | 6.68     | 2.95  | 7.94    | 3.23  | 9.29   | 3.51  | 10.77  | 3.78  |
| FTM 100B-Z | 4.64     | 2.71  | 5.78     | 3.06  | 7.06     | 3.41  | 8.84     | 3.76  | 10.04   | 4.11  | 11.75  | 4.45  | 13.59  | 4.79  |
| FTM 140B-Z | 6.19     | 3.66  | 7.76     | 4.15  | 9.58     | 4.63  | 11.60    | 5.11  | 13.91   | 5.56  | 16.40  | 5.99  | 19.17  | 6.40  |
| FTM 170B-Z | 7.33     | 4.29  | 9.18     | 4.84  | 11.27    | 5.39  | 13.68    | 5.92  | 16.35   | 6.43  | 19.32  | 6.92  | 22.60  | 7.37  |
| FTM 200B-Z | 9.05     | 5.26  | 11.33    | 6.00  | 13.95    | 6.73  | 16.91    | 7.46  | 20.20   | 8.19  | 23.90  | 8.88  | 27.90  | 9.56  |
| FTM 240B-Z | 11.06    | 6.16  | 13.97    | 7.09  | 17.29    | 8.04  | 21.00    | 9.01  | 25.20   | 9.98  | 29.70  | 10.97 | 34.80  | 11.90 |
| FTM 320B-Z | 12.47    | 6.77  | 15.98    | 7.85  | 20.00    | 8.94  | 24.70    | 10.02 | 29.90   | 11.09 | 35.80  | 12.12 | 42.30  | 13.12 |
| FTM 350B-Z | 15.22    | 8.35  | 19.25    | 9.58  | 23.90    | 10.84 | 29.10    | 12.10 | 35.10   | 13.35 | 41.60  | 14.59 | 48.90  | 15.78 |
| FTM 420B-Z | 20.10    | 11.46 | 25.10    | 13.07 | 30.60    | 14.73 | 36.80    | 16.42 | 43.60   | 18.13 | 50.80  | 19.87 | 58.60  | 21.60 |
| FTM 520B-Z | 23.00    | 13.31 | 28.50    | 15.18 | 34.60    | 17.13 | 41.40    | 19.11 | 48.60   | 21.10 | 56.50  | 23.20 | 64.70  | 25.20 |
| FTM 760B-Z | 33.30    | 20.30 | 41.00    | 23.10 | 49.60    | 26.00 | 59.00    | 28.90 | 68.90   | 31.90 | 79.60  | 34.80 | 90.60  | 37.80 |

## R-404A Low Temperature Application



| Model      | Te -45°C |      | Te -40°C |       | Te -35°C |       | Te -30°C |       | Te -25°C |       | Te -20°C |       | Te -15°C |       | Te -10°C |       | Te -5°C |       |
|------------|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|---------|-------|
|            | P.F.     | P.A. | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.    | P.A.  |
| FTL 060F-Z | 1.54     | 1.85 | 2.41     | 2.28  | 3.42     | 2.75  | 4.58     | 3.24  | 5.92     | 3.78  | 7.41     | 4.33  | 9.07     | 4.92  | 10.90    | 5.52  | 12.90   | 6.17  |
| FTL 070F-Z | 2.09     | 2.22 | 3.11     | 2.81  | 4.29     | 3.42  | 5.66     | 4.04  | 7.23     | 4.68  | 8.99     | 5.35  | 10.95    | 6.03  | 13.11    | 6.72  | 15.44   | 7.45  |
| FTL 080F-Z | 2.85     | 2.89 | 4.03     | 3.44  | 5.39     | 4.09  | 6.96     | 4.80  | 8.76     | 5.58  | 10.83    | 6.41  | 13.11    | 7.28  | 15.68    | 8.18  |         |       |
| FTL 090F-Z | 2.94     | 3.08 | 4.29     | 3.79  | 5.87     | 4.45  | 7.70     | 5.33  | 9.83     | 6.17  | 12.21    | 7.05  | 14.93    | 7.96  | 17.91    | 8.91  | 21.21   | 9.90  |
| FTL 110F-Z | 3.00     | 3.07 | 4.72     | 3.94  | 6.66     | 4.83  | 8.84     | 5.75  | 11.30    | 6.71  | 14.04    | 7.69  | 17.06    | 8.68  | 20.38    | 9.70  | 23.94   | 10.75 |
| FTL 150F-Z | 4.58     | 4.68 | 7.10     | 5.63  | 9.78     | 6.71  | 12.70    | 7.09  | 15.99    | 9.17  | 19.69    | 10.49 | 23.89    | 11.84 | 28.67    | 12.19 | 34.11   | 14.52 |
| FTL 160F-Z | 4.81     | 4.79 | 7.42     | 5.82  | 10.15    | 7.00  | 13.16    | 8.32  | 16.49    | 9.74  | 20.25    | 11.23 | 24.52    | 12.75 | 29.32    | 14.29 | 34.82   | 15.82 |
| FTL 190F-Z | 5.39     | 5.70 | 8.50     | 7.01  | 11.71    | 8.53  | 15.11    | 10.20 | 18.84    | 12.00 | 22.96    | 13.89 | 27.59    | 15.84 | 32.81    | 17.81 |         |       |
| FTL 210F-Z | 6.71     | 6.59 | 8.71     | 8.14  | 13.25    | 9.85  | 17.36    | 11.65 | 22.07    | 13.54 | 27.33    | 15.53 | 33.17    | 17.59 | 39.58    | 19.73 | 46.65   | 21.93 |
| FTL 220F-Z | 5.85     | 6.29 | 9.26     | 8.17  | 13.19    | 10.14 | 17.68    | 12.21 | 22.84    | 14.38 | 28.60    | 16.62 | 34.92    | 18.94 | 41.86    | 21.34 | 49.53   | 23.80 |
| FTL 270F-Z | 7.57     | 8.60 | 11.34    | 10.56 | 15.81    | 12.77 | 21.00    | 15.17 | 26.91    | 17.75 | 33.56    | 20.48 | 40.95    | 23.33 | 48.95    | 26.30 | 57.45   | 29.43 |
| FTL 310F-Z | 9.05     | 9.50 | 13.33    | 11.78 | 18.37    | 14.26 | 24.14    | 16.93 | 30.64    | 19.78 | 37.89    | 22.79 | 45.75    | 25.96 | 54.24    | 29.26 | 63.16   | 32.75 |

## R-404A Low Temperature Application



| Model      | Te -45°C |      | Te -40°C |      | Te -35°C |      | Te -30°C |      | Te -25°C |      | Te -20°C |       | Te -15°C |       | Te -10°C |       | Te -5°C |       |
|------------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|-------|----------|-------|----------|-------|---------|-------|
|            | P.F.     | P.A. | P.F.     | P.A. | P.F.     | P.A. | P.F.     | P.A. | P.F.     | P.A. | P.F.     | P.A.  | P.F.     | P.A.  | P.F.     | P.A.  | P.F.    | P.A.  |
| FTL 060B-Z | 2.02     | 1.87 | 2.79     | 2.31 | 3.73     | 2.78 | 4.85     | 3.28 | 6.14     | 3.80 | 7.63     | 4.34  | 9.29     | 4.88  | 11.15    | 5.43  | 13.16   | 5.98  |
| FTL 070B-Z | 2.32     | 2.19 | 3.22     | 2.68 | 4.31     | 3.21 | 5.59     | 3.78 | 7.08     | 4.37 | 8.80     | 4.98  | 10.72    | 5.56  | 12.88    | 6.23  | 15.22   | 6.86  |
| FTL 080B-Z | 2.76     | 2.60 | 3.90     | 3.21 | 5.28     | 3.87 | 6.91     | 4.57 | 8.79     | 5.30 | 11.00    | 6.06  | 13.48    | 6.82  | 16.26    | 7.60  | 19.35   | 8.38  |
| FTL 090B-Z | 3.15     | 2.91 | 4.58     | 3.63 | 6.32     | 4.44 | 8.38     | 5.33 | 10.76    | 6.29 | 13.52    | 7.30  | 16.61    | 8.36  | 20.10    | 9.45  | 23.90   | 10.58 |
| FTL 110B-Z | 3.05     | 2.56 | 3.98     | 2.88 | 5.09     | 3.21 | 6.39     | 3.52 | 7.78     | 3.83 | 9.56     | 4.14  | 11.49    | 4.42  | 13.69    | 4.68  | 16.05   | 4.95  |
| FTL 150B-Z | 3.08     | 2.59 | 4.08     | 2.95 | 5.27     | 3.31 | 6.66     | 3.66 | 8.27     | 4.01 | 10.13    | 4.33  | 12.20    | 4.66  | 14.57    | 4.96  | 17.16   | 5.25  |
| FTL 160B-Z | 3.98     | 3.22 | 5.27     | 3.68 | 6.80     | 4.13 | 8.58     | 4.58 | 10.64    | 5.01 | 12.99    | 5.44  | 15.66    | 5.84  | 18.70    | 6.21  | 22.10   | 6.58  |
| FTL 190B-Z | 4.83     | 4.20 | 6.34     | 4.73 | 8.15     | 5.26 | 10.23    | 5.78 | 12.65    | 6.29 | 15.44    | 6.78  | 18.67    | 7.22  | 22.20    | 7.67  | 26.20   | 8.08  |
| FTL 220B-Z | 6.10     | 5.03 | 7.95     | 5.68 | 10.11    | 6.34 | 12.65    | 6.99 | 15.61    | 7.62 | 18.97    | 8.24  | 22.70    | 8.87  | 27.00    | 9.44  | 31.70   | 10.02 |
| FTL 270B-Z | 4.83     | 4.20 | 8.10     | 6.33 | 10.61    | 7.01 | 13.52    | 7.69 | 16.93    | 8.34 | 20.80    | 8.97  | 25.40    | 9.56  | 30.30    | 10.14 | 36.00   | 10.68 |
| FTL 310B-Z | 6.10     | 5.03 | 9.80     | 7.41 | 12.73    | 8.25 | 16.18    | 9.09 | 20.20    | 9.91 | 24.70    | 10.73 | 29.90    | 11.53 | 35.70    | 12.28 | 42.20   | 13.00 |

**Remark:** Te : Evaporating Temperature      P.F. : Cooling Capacity (kW)      P.A. : Power Input (kW)  
0K Subcooling, 12K Suction Superheat      Ambient Temp. 38°C      : Out of Operating Range