



Ducted Packaged Units

Part Load Data

OPA 1710 Econex R32




Cooling Capacity
14 kW – 177 kW




Heating Capacity
15 kW – 182 kW

Cooling Capacity (kW)

TC = Total Capacity (kW).
 SC = Sensible Capacity (kW).
 PI = Power Input (kW)
 E.A.T. = Entering Air Temperature .

 = Nominal Capacity (kW)
 Nominal Air Flow: **8 200 l/s**

Note: Total Capacity figures are **gross** and do not include allowance for fan motor heat loss.

OPA 1710 Econex @Maximum Capacity (8 200 l/s)

Indoor coil
 E.A.T.

Outdoor coil Entering Air Temperature °C DB

| D.B. °C | W.B. °C | 20 | | | 25 | | | 30 | | | 35 | | | 40 | | | 45 | | | 50 | | |
|------------|------------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|
| | | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI |
| 20 | 14 | 166.8 | 112.3 | 43.3 | 161.9 | 111.8 | 47.2 | 156.6 | 111.0 | 51.4 | 150.8 | 109.6 | 55.9 | 144.6 | 107.6 | 60.8 | 137.7 | 104.9 | 66.1 | 130.2 | 101.3 | 71.9 |
| | 15 | 173.3 | 101.0 | 43.5 | 168.1 | 100.3 | 47.4 | 162.6 | 99.1 | 51.7 | 156.5 | 97.6 | 56.3 | 150.0 | 95.4 | 61.3 | 142.8 | 92.6 | 66.7 | 134.9 | 89.1 | 72.6 |
| | 16 | 180.1 | 88.3 | 43.7 | 174.7 | 87.2 | 47.7 | 168.9 | 85.8 | 52.1 | 162.5 | 84.0 | 56.8 | 155.7 | 81.7 | 61.9 | 148.1 | 79.0 | 67.4 | 139.8 | 75.6 | 73.4 |
| | 17 | 187.4 | 73.8 | 43.9 | 181.7 | 72.3 | 48.0 | 175.6 | 70.6 | 52.4 | 168.9 | 68.6 | 57.2 | 161.7 | 66.3 | 62.4 | 153.8 | 63.5 | 68.1 | 145.0 | 60.3 | 74.2 |
| 22 | 16 | 177.6 | 112.9 | 43.6 | 172.3 | 112.4 | 47.6 | 166.6 | 111.4 | 51.9 | 160.3 | 109.9 | 56.6 | 153.6 | 107.7 | 61.7 | 146.2 | 104.8 | 67.2 | 138.0 | 101.1 | 73.1 |
| | 17 | 184.0 | 101.3 | 43.8 | 178.4 | 100.4 | 47.9 | 172.5 | 99.2 | 52.3 | 166.0 | 97.4 | 57.0 | 158.9 | 95.2 | 62.2 | 151.1 | 92.3 | 67.8 | 142.6 | 88.6 | 73.8 |
| | 18 | 190.8 | 88.2 | 44.0 | 184.9 | 87.0 | 48.1 | 178.7 | 85.5 | 52.6 | 171.9 | 83.6 | 57.4 | 164.5 | 81.2 | 62.7 | 156.3 | 78.3 | 68.4 | 147.4 | 74.8 | 74.5 |
| | 19 | 197.9 | 73.4 | 44.1 | 191.8 | 71.8 | 48.3 | 185.3 | 70.0 | 52.9 | 178.2 | 67.9 | 57.8 | 170.4 | 65.4 | 63.2 | 161.9 | 62.6 | 69.0 | 152.6 | 59.3 | 75.2 |
| 24 | 16 | 177.1 | 133.6 | 43.6 | 171.8 | 133.6 | 47.6 | 166.1 | 133.0 | 51.9 | 159.9 | 131.6 | 56.6 | 153.1 | 129.5 | 61.6 | 145.7 | 126.5 | 67.1 | 137.6 | 122.4 | 73.0 |
| | 18 | 188.6 | 113.5 | 43.9 | 182.9 | 112.9 | 48.0 | 176.7 | 111.8 | 52.5 | 170.0 | 110.1 | 57.3 | 162.7 | 107.8 | 62.5 | 154.7 | 104.8 | 68.2 | 145.9 | 100.9 | 74.3 |
| | 20 | 201.7 | 87.8 | 44.2 | 195.4 | 86.5 | 48.5 | 188.7 | 84.9 | 53.1 | 181.4 | 82.9 | 58.1 | 173.5 | 80.4 | 63.5 | 164.8 | 77.4 | 69.3 | 155.3 | 73.9 | 75.6 |
| | 21 | 208.7 | 72.8 | 44.3 | 202.2 | 71.1 | 48.7 | 195.2 | 69.2 | 53.4 | 187.6 | 67.0 | 58.4 | 179.3 | 64.5 | 63.9 | 170.3 | 61.6 | 69.9 | 160.4 | 58.2 | 76.3 |
| 26 | 17 | 183.1 | 143.9 | 43.8 | 177.6 | 144.0 | 47.8 | 171.6 | 143.4 | 52.2 | 165.2 | 142.1 | 57.0 | 158.1 | 139.9 | 62.1 | 150.4 | 136.7 | 67.7 | 141.9 | 132.4 | 73.7 |
| | 19 | 193.9 | 125.1 | 44.0 | 188.0 | 124.7 | 48.2 | 181.6 | 123.7 | 52.7 | 174.7 | 122.1 | 57.6 | 167.1 | 119.7 | 62.9 | 158.8 | 116.5 | 68.6 | 149.7 | 112.3 | 74.8 |
| | 20 | 199.8 | 114.0 | 44.2 | 193.7 | 113.2 | 48.4 | 187.0 | 112.0 | 53.0 | 179.8 | 110.2 | 58.0 | 172.0 | 107.8 | 63.3 | 163.4 | 104.6 | 69.1 | 154.0 | 100.6 | 75.4 |
| | 22 | 212.8 | 87.5 | 44.4 | 206.1 | 86.1 | 48.8 | 199.0 | 84.4 | 53.5 | 191.2 | 82.3 | 58.7 | 182.7 | 79.7 | 64.2 | 173.4 | 76.6 | 70.2 | 163.3 | 73.0 | 76.7 |
| 27 | 18 | 188.8 | 144.8 | 43.9 | 183.0 | 144.9 | 48.0 | 176.9 | 144.3 | 52.5 | 170.2 | 142.9 | 57.3 | 162.8 | 140.6 | 62.5 | 154.8 | 137.3 | 68.2 | 146.0 | 132.9 | 74.3 |
| | 19 | 194.1 | 135.6 | 44.0 | 188.2 | 135.4 | 48.2 | 181.8 | 134.6 | 52.7 | 174.8 | 133.0 | 57.6 | 167.3 | 130.7 | 62.9 | 159.0 | 127.4 | 68.7 | 149.9 | 123.0 | 74.9 |
| | 20 | 199.6 | 125.5 | 44.2 | 193.5 | 125.0 | 48.4 | 186.9 | 124.0 | 53.0 | 179.7 | 122.3 | 57.9 | 171.8 | 119.9 | 63.3 | 163.2 | 116.6 | 69.1 | 153.8 | 112.3 | 75.4 |
| | 22 | 211.8 | 101.5 | 44.4 | 205.2 | 100.4 | 48.8 | 198.0 | 98.9 | 53.5 | 190.3 | 96.9 | 58.6 | 181.9 | 94.3 | 64.1 | 172.7 | 91.1 | 70.1 | 162.6 | 87.2 | 76.6 |
| 28 | 18 | 189.6 | 154.0 | 43.9 | 183.9 | 154.3 | 48.1 | 177.6 | 153.8 | 52.5 | 170.9 | 152.5 | 57.4 | 163.5 | 150.2 | 62.6 | 155.5 | 146.8 | 68.3 | 146.6 | 139.4 | 74.4 |
| | 20 | 199.9 | 136.1 | 44.2 | 193.8 | 135.9 | 48.4 | 187.1 | 135.0 | 53.0 | 179.9 | 133.4 | 58.0 | 172.1 | 131.0 | 63.3 | 163.5 | 127.6 | 69.1 | 154.0 | 123.1 | 75.4 |
| | 22 | 211.3 | 114.3 | 44.4 | 204.7 | 113.5 | 48.7 | 197.6 | 112.2 | 53.5 | 189.9 | 110.3 | 58.6 | 181.5 | 107.7 | 64.1 | 172.3 | 104.4 | 70.1 | 162.2 | 100.3 | 76.5 |
| | 24 | 224.0 | 87.2 | 44.6 | 217.0 | 85.7 | 49.1 | 209.4 | 83.9 | 54.0 | 201.1 | 81.7 | 59.2 | 192.1 | 79.0 | 64.9 | 182.2 | 75.9 | 71.1 | 171.4 | 72.2 | 77.7 |
| 30 | 19 | 196.7 | 164.0 | 44.1 | 190.6 | 164.3 | 48.3 | 184.1 | 163.9 | 52.9 | 177.1 | 162.6 | 57.8 | 169.4 | 160.2 | 63.1 | 160.9 | 153.6 | 68.9 | 151.7 | 145.8 | 75.1 |
| | 21 | 206.4 | 147.0 | 44.3 | 200.0 | 146.9 | 48.6 | 193.1 | 146.1 | 53.3 | 185.6 | 144.5 | 58.3 | 177.5 | 142.0 | 63.8 | 168.5 | 138.5 | 69.7 | 158.7 | 133.7 | 76.1 |
| | 23 | 217.2 | 126.3 | 44.5 | 210.4 | 125.7 | 48.9 | 203.0 | 124.5 | 53.7 | 195.1 | 122.7 | 58.9 | 186.4 | 120.1 | 64.5 | 176.9 | 116.6 | 70.5 | 166.5 | 112.1 | 77.1 |
| | 25 | 229.1 | 101.2 | 44.7 | 221.9 | 100.0 | 49.2 | 214.1 | 98.4 | 54.1 | 205.6 | 96.2 | 59.5 | 196.3 | 93.5 | 65.2 | 186.2 | 90.2 | 71.4 | 175.1 | 86.2 | 78.2 |
| 32 | 21 | 208.7 | 166.1 | 44.3 | 202.2 | 166.4 | 48.7 | 195.2 | 165.9 | 53.4 | 187.6 | 164.4 | 58.4 | 179.3 | 161.9 | 63.9 | 170.3 | 158.2 | 69.9 | 160.4 | 152.0 | 76.3 |
| | 23 | 218.4 | 148.3 | 44.5 | 211.6 | 148.1 | 48.9 | 204.2 | 147.2 | 53.7 | 196.1 | 145.5 | 58.9 | 187.4 | 142.9 | 64.6 | 177.8 | 139.2 | 70.6 | 167.4 | 134.3 | 77.2 |
| | 25 | 229.1 | 126.8 | 44.7 | 221.9 | 126.1 | 49.2 | 214.1 | 124.9 | 54.1 | 205.6 | 122.9 | 59.5 | 196.3 | 120.2 | 65.2 | 186.2 | 116.6 | 71.4 | 175.1 | 112.1 | 78.2 |
| | 26 | 235.0 | 114.4 | 44.7 | 227.5 | 113.5 | 49.3 | 219.4 | 112.0 | 54.3 | 210.7 | 109.9 | 59.7 | 201.1 | 107.1 | 65.6 | 190.7 | 103.6 | 71.9 | 179.3 | 99.3 | 78.7 |

Cooling Capacity (kW)

TC = Total Capacity (kW).
 SC = Sensible Capacity (kW).
 PI = Power Input (kW)
 E.A.T. = Entering Air Temperature .

○ = Nominal Capacity (kW)
 Nominal Air Flow: **8 200 l/s**

Note: Total Capacity figures are gross and do not include allowance for fan motor heat loss.

OPA 1710 Econex @Nominal Capacity (8 200 l/s)

| Indoor coil | | Outdoor coil Entering Air Temperature °C DB | | | | | | | | | | | | | | | | | | | | |
|-------------|---------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| E.A.T. | | 20 | | | 25 | | | 30 | | | 35 | | | 40 | | | 45 | | | 50 | | |
| D.B. °C | W.B. °C | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI |
| 20 | 14 | 162.1 | 110.6 | 39.8 | 157.3 | 110.2 | 43.5 | 152.2 | 109.3 | 47.4 | 146.6 | 108.0 | 51.7 | 140.6 | 106.0 | 56.3 | 133.9 | 103.3 | 61.3 | 126.6 | 99.7 | 66.8 |
| | 15 | 168.3 | 99.7 | 39.9 | 163.3 | 99.0 | 43.7 | 157.9 | 97.8 | 47.7 | 152.1 | 96.3 | 52.0 | 145.8 | 94.1 | 56.8 | 138.8 | 91.4 | 61.9 | 131.1 | 87.9 | 67.4 |
| | 16 | 174.9 | 87.4 | 40.1 | 169.7 | 86.3 | 43.9 | 164.0 | 84.9 | 48.0 | 157.9 | 83.1 | 52.4 | 151.2 | 80.9 | 57.2 | 143.9 | 78.1 | 62.4 | 135.8 | 74.8 | 68.1 |
| 22 | 17 | 181.9 | 73.4 | 40.2 | 176.4 | 71.9 | 44.1 | 170.5 | 70.2 | 48.3 | 164.0 | 68.2 | 52.8 | 157.0 | 65.9 | 57.7 | 149.3 | 63.2 | 63.0 | 140.8 | 60.0 | 68.8 |
| | 16 | 172.5 | 111.3 | 40.0 | 167.3 | 110.8 | 43.8 | 161.8 | 109.8 | 47.9 | 155.8 | 108.2 | 52.3 | 149.2 | 106.1 | 57.1 | 142.0 | 103.2 | 62.2 | 134.1 | 99.5 | 67.9 |
| | 17 | 178.6 | 100.0 | 40.1 | 173.3 | 99.1 | 44.0 | 167.5 | 97.9 | 48.1 | 161.2 | 96.2 | 52.6 | 154.3 | 93.9 | 57.5 | 146.8 | 91.0 | 62.8 | 138.5 | 87.4 | 68.5 |
| | 18 | 185.1 | 87.3 | 40.2 | 179.5 | 86.2 | 44.1 | 173.4 | 84.6 | 48.4 | 166.8 | 82.7 | 53.0 | 159.7 | 80.4 | 57.9 | 151.8 | 77.5 | 63.3 | 143.1 | 74.1 | 69.1 |
| 24 | 19 | 192.0 | 73.0 | 40.3 | 186.1 | 71.5 | 44.3 | 179.8 | 69.7 | 48.6 | 172.9 | 67.6 | 53.3 | 165.4 | 65.1 | 58.4 | 157.1 | 62.3 | 63.8 | 148.1 | 59.1 | 69.8 |
| | 16 | 172.0 | 131.4 | 40.0 | 166.8 | 131.3 | 43.8 | 161.3 | 130.7 | 47.8 | 155.3 | 129.4 | 52.3 | 148.8 | 127.3 | 57.0 | 141.6 | 124.3 | 62.2 | 133.7 | 120.3 | 67.8 |
| | 18 | 183.0 | 111.9 | 40.2 | 177.5 | 111.3 | 44.1 | 171.5 | 110.2 | 48.3 | 165.0 | 108.5 | 52.9 | 158.0 | 106.2 | 57.8 | 150.2 | 103.2 | 63.1 | 141.7 | 99.3 | 68.9 |
| | 20 | 195.6 | 87.1 | 40.4 | 189.6 | 85.8 | 44.4 | 183.1 | 84.2 | 48.8 | 176.0 | 82.2 | 53.5 | 168.3 | 79.7 | 58.6 | 159.9 | 76.7 | 64.1 | 150.7 | 73.2 | 70.1 |
| 26 | 21 | 202.3 | 72.5 | 40.4 | 196.1 | 70.9 | 44.5 | 189.3 | 69.0 | 49.0 | 182.0 | 66.8 | 53.8 | 173.9 | 64.3 | 59.0 | 165.1 | 61.4 | 64.6 | 155.5 | 58.0 | 70.7 |
| | 17 | 177.8 | 141.4 | 40.1 | 172.4 | 141.5 | 43.9 | 166.7 | 140.9 | 48.1 | 160.4 | 139.6 | 52.6 | 153.6 | 137.4 | 57.4 | 146.1 | 134.3 | 62.7 | 137.9 | 130.0 | 68.4 |
| | 19 | 188.2 | 123.2 | 40.3 | 182.4 | 122.7 | 44.2 | 176.2 | 121.7 | 48.5 | 169.5 | 120.1 | 53.1 | 162.2 | 117.8 | 58.1 | 154.2 | 114.6 | 63.5 | 145.3 | 110.5 | 69.4 |
| | 20 | 193.8 | 112.4 | 40.3 | 187.9 | 111.7 | 44.4 | 181.5 | 110.4 | 48.7 | 174.5 | 108.7 | 53.4 | 166.9 | 106.2 | 58.5 | 158.6 | 103.1 | 64.0 | 149.4 | 99.1 | 69.9 |
| 27 | 22 | 206.2 | 86.8 | 40.5 | 199.8 | 85.4 | 44.6 | 192.9 | 83.7 | 49.1 | 185.4 | 81.6 | 54.0 | 177.2 | 79.0 | 59.2 | 168.2 | 76.0 | 64.9 | 158.3 | 72.3 | 71.0 |
| | 18 | 183.2 | 142.3 | 40.2 | 177.7 | 142.3 | 44.1 | 171.7 | 141.7 | 48.3 | 165.2 | 140.3 | 52.9 | 158.1 | 138.1 | 57.8 | 150.3 | 134.8 | 63.1 | 141.8 | 130.4 | 68.9 |
| | 19 | 188.3 | 133.4 | 40.3 | 182.6 | 133.1 | 44.2 | 176.4 | 132.3 | 48.5 | 169.7 | 130.8 | 53.1 | 162.4 | 128.4 | 58.1 | 154.3 | 125.2 | 63.5 | 145.5 | 120.8 | 69.4 |
| | 20 | 193.6 | 123.6 | 40.3 | 187.7 | 123.1 | 44.4 | 181.3 | 122.0 | 48.7 | 174.3 | 120.4 | 53.4 | 166.7 | 117.9 | 58.5 | 158.4 | 114.7 | 64.0 | 149.3 | 110.5 | 69.9 |
| 28 | 22 | 205.3 | 100.3 | 40.5 | 198.9 | 99.2 | 44.6 | 192.0 | 97.7 | 49.1 | 184.5 | 95.7 | 53.9 | 176.4 | 93.2 | 59.1 | 167.4 | 90.0 | 64.8 | 157.6 | 86.1 | 70.9 |
| | 18 | 184.0 | 151.2 | 40.2 | 178.4 | 151.4 | 44.1 | 172.4 | 150.9 | 48.3 | 165.9 | 149.6 | 52.9 | 158.8 | 147.4 | 57.8 | 151.0 | 144.0 | 63.2 | 142.4 | 136.7 | 69.0 |
| | 20 | 193.9 | 133.9 | 40.3 | 188.0 | 133.6 | 44.4 | 181.5 | 132.7 | 48.7 | 174.6 | 131.1 | 53.4 | 167.0 | 128.7 | 58.5 | 158.6 | 125.4 | 64.0 | 149.5 | 121.0 | 69.9 |
| | 22 | 204.8 | 112.8 | 40.5 | 198.4 | 112.0 | 44.6 | 191.6 | 110.6 | 49.1 | 184.1 | 108.8 | 53.9 | 176.0 | 106.2 | 59.1 | 167.1 | 102.9 | 64.8 | 157.3 | 98.8 | 70.9 |
| 30 | 24 | 217.1 | 86.6 | 40.6 | 210.3 | 85.1 | 44.8 | 202.9 | 83.3 | 49.4 | 194.9 | 81.1 | 54.4 | 186.1 | 78.5 | 59.8 | 176.6 | 75.3 | 65.6 | 166.1 | 71.6 | 71.9 |
| | 19 | 190.8 | 160.9 | 40.3 | 185.0 | 161.2 | 44.3 | 178.7 | 160.8 | 48.6 | 171.8 | 159.5 | 53.2 | 164.4 | 157.1 | 58.3 | 156.2 | 150.5 | 63.7 | 147.2 | 141.7 | 69.6 |
| | 21 | 200.1 | 144.4 | 40.4 | 194.0 | 144.3 | 44.5 | 187.3 | 143.5 | 48.9 | 180.1 | 141.9 | 53.7 | 172.1 | 139.4 | 58.8 | 163.5 | 135.9 | 64.4 | 153.9 | 131.2 | 70.5 |
| | 23 | 210.5 | 124.5 | 40.5 | 203.9 | 123.8 | 44.7 | 196.8 | 122.6 | 49.2 | 189.1 | 120.8 | 54.1 | 180.7 | 118.2 | 59.4 | 171.5 | 114.7 | 65.2 | 161.4 | 110.3 | 71.4 |
| 32 | 25 | 222.0 | 100.2 | 40.6 | 215.0 | 99.0 | 44.9 | 207.4 | 97.3 | 49.6 | 199.2 | 95.2 | 54.6 | 190.2 | 92.5 | 60.0 | 180.4 | 89.2 | 65.9 | 169.6 | 85.2 | 72.3 |
| | 21 | 202.3 | 163.0 | 40.4 | 196.1 | 163.3 | 44.5 | 189.3 | 162.7 | 49.0 | 182.0 | 161.3 | 53.8 | 173.9 | 158.7 | 59.0 | 165.1 | 155.0 | 64.6 | 155.5 | 149.0 | 70.7 |
| | 23 | 211.6 | 145.8 | 40.5 | 205.0 | 145.6 | 44.7 | 197.9 | 144.7 | 49.3 | 190.1 | 143.0 | 54.2 | 181.7 | 140.3 | 59.5 | 172.4 | 136.7 | 65.3 | 162.2 | 131.8 | 71.5 |
| | 25 | 222.0 | 125.0 | 40.6 | 215.0 | 124.3 | 44.9 | 207.4 | 123.0 | 49.6 | 199.2 | 121.1 | 54.6 | 190.2 | 118.3 | 60.0 | 180.4 | 114.8 | 65.9 | 169.6 | 110.3 | 72.3 |
| 26 | 227.5 | 113.1 | 40.6 | 220.3 | 112.1 | 45.0 | 212.5 | 110.6 | 49.7 | 204.1 | 108.5 | 54.8 | 194.8 | 105.7 | 60.3 | 184.7 | 102.2 | 66.3 | 173.6 | 97.9 | 72.8 | |

Cooling Capacity (kW)

TC = Total Capacity (kW).
 SC = Sensible Capacity (kW).
 PI = Power Input (kW)
 E.A.T. = Entering Air Temperature .

 = Nominal Capacity (kW)
 Nominal Air Flow: **8 200 l/s**

Note: Total Capacity figures are **gross** and do not include allowance for fan motor heat loss.

OPA 1710 Econex @Nominal less 25% (8 200 l/s)

Indoor coil
 E.A.T.

Outdoor coil Entering Air Temperature °C DB

| D.B. °C | W.B. °C | 20 | | | 25 | | | 30 | | | 35 | | | 40 | | | 45 | | | 50 | | |
|------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI |
| 20 | 14 | 123.8 | 83.2 | 31.5 | 120.3 | 83.0 | 34.3 | 116.5 | 82.4 | 37.3 | 112.4 | 81.5 | 40.5 | 108.0 | 80.1 | 43.9 | 103.1 | 78.2 | 47.7 | 97.8 | 75.7 | 51.8 |
| | 15 | 128.5 | 75.0 | 31.7 | 124.8 | 74.5 | 34.5 | 120.9 | 73.7 | 37.5 | 116.6 | 72.6 | 40.8 | 111.9 | 71.1 | 44.3 | 106.8 | 69.2 | 48.1 | 101.2 | 66.7 | 52.3 |
| | 16 | 133.5 | 65.7 | 31.8 | 129.6 | 64.9 | 34.6 | 125.5 | 63.9 | 37.7 | 121.0 | 62.7 | 41.0 | 116.1 | 61.1 | 44.7 | 110.7 | 59.1 | 48.6 | 104.8 | 56.7 | 52.8 |
| 22 | 17 | 138.8 | 55.1 | 31.9 | 134.7 | 54.0 | 34.8 | 130.4 | 52.8 | 37.9 | 125.6 | 51.4 | 41.3 | 120.5 | 49.7 | 45.0 | 114.8 | 47.7 | 49.0 | 108.7 | 45.4 | 53.3 |
| | 16 | 131.7 | 83.7 | 31.7 | 127.9 | 83.4 | 34.6 | 123.8 | 82.7 | 37.6 | 119.4 | 81.7 | 40.9 | 114.6 | 80.2 | 44.5 | 109.3 | 78.2 | 48.4 | 103.5 | 75.6 | 52.6 |
| | 17 | 136.3 | 75.2 | 31.8 | 132.3 | 74.6 | 34.7 | 128.1 | 73.8 | 37.8 | 123.5 | 72.6 | 41.2 | 118.4 | 71.0 | 44.9 | 112.9 | 68.9 | 48.8 | 106.9 | 66.4 | 53.1 |
| | 18 | 141.2 | 65.6 | 31.9 | 137.1 | 64.8 | 34.8 | 132.6 | 63.7 | 38.0 | 127.8 | 62.4 | 41.5 | 122.5 | 60.7 | 45.2 | 116.7 | 58.6 | 49.2 | 110.4 | 56.2 | 53.5 |
| 24 | 19 | 146.4 | 54.8 | 32.0 | 142.1 | 53.7 | 35.0 | 137.4 | 52.4 | 38.2 | 132.4 | 50.9 | 41.7 | 126.8 | 49.1 | 45.5 | 120.8 | 47.1 | 49.6 | 114.2 | 44.7 | 54.0 |
| | 16 | 131.3 | 98.9 | 31.7 | 127.5 | 99.0 | 34.6 | 123.4 | 98.6 | 37.6 | 119.0 | 97.7 | 40.9 | 114.2 | 96.3 | 44.5 | 109.0 | 94.2 | 48.4 | 103.2 | 91.4 | 52.6 |
| | 18 | 139.6 | 84.2 | 31.9 | 135.6 | 83.8 | 34.8 | 131.2 | 83.0 | 38.0 | 126.4 | 81.9 | 41.4 | 121.2 | 80.3 | 45.1 | 115.5 | 78.2 | 49.1 | 109.3 | 75.4 | 53.4 |
| | 20 | 149.1 | 65.4 | 32.0 | 144.7 | 64.5 | 35.1 | 139.9 | 63.3 | 38.3 | 134.8 | 61.9 | 41.9 | 129.1 | 60.2 | 45.7 | 122.9 | 58.0 | 49.8 | 116.2 | 55.5 | 54.3 |
| 26 | 21 | 154.2 | 54.4 | 32.1 | 149.6 | 53.2 | 35.2 | 144.6 | 51.8 | 38.5 | 139.2 | 50.3 | 42.1 | 133.4 | 48.4 | 46.0 | 126.9 | 46.4 | 50.2 | 119.9 | 44.0 | 54.7 |
| | 17 | 135.7 | 106.5 | 31.8 | 131.7 | 106.6 | 34.7 | 127.5 | 106.3 | 37.8 | 122.9 | 105.4 | 41.2 | 117.9 | 104.0 | 44.8 | 112.4 | 101.8 | 48.7 | 106.4 | 98.8 | 53.0 |
| | 19 | 143.5 | 92.7 | 31.9 | 139.3 | 92.4 | 34.9 | 134.7 | 91.8 | 38.1 | 129.8 | 90.7 | 41.6 | 124.4 | 89.0 | 45.3 | 118.6 | 86.8 | 49.4 | 112.1 | 83.9 | 53.8 |
| | 20 | 147.8 | 84.5 | 32.0 | 143.4 | 84.1 | 35.0 | 138.7 | 83.2 | 38.3 | 133.6 | 82.0 | 41.8 | 128.0 | 80.3 | 45.6 | 121.9 | 78.1 | 49.7 | 115.2 | 75.2 | 54.2 |
| 27 | 22 | 157.2 | 65.2 | 32.1 | 152.5 | 64.2 | 35.2 | 147.4 | 63.0 | 38.6 | 141.9 | 61.5 | 42.2 | 135.8 | 59.6 | 46.2 | 129.3 | 57.5 | 50.4 | 122.1 | 54.9 | 55.0 |
| | 18 | 139.8 | 107.1 | 31.9 | 135.7 | 107.3 | 34.8 | 131.3 | 106.9 | 38.0 | 126.5 | 106.0 | 41.4 | 121.3 | 104.5 | 45.1 | 115.6 | 102.2 | 49.1 | 109.4 | 99.1 | 53.4 |
| | 19 | 143.6 | 100.4 | 31.9 | 139.4 | 100.3 | 34.9 | 134.9 | 99.8 | 38.1 | 129.9 | 98.8 | 41.6 | 124.5 | 97.1 | 45.3 | 118.7 | 94.9 | 49.4 | 112.2 | 91.8 | 53.8 |
| | 20 | 147.6 | 93.0 | 32.0 | 143.3 | 92.7 | 35.0 | 138.6 | 92.0 | 38.3 | 133.5 | 90.9 | 41.8 | 127.9 | 89.2 | 45.6 | 121.8 | 86.9 | 49.7 | 115.1 | 83.9 | 54.1 |
| 28 | 22 | 156.4 | 75.4 | 32.1 | 151.8 | 74.6 | 35.2 | 146.7 | 73.6 | 38.6 | 141.2 | 72.2 | 42.2 | 135.2 | 70.4 | 46.1 | 128.7 | 68.1 | 50.4 | 121.5 | 65.4 | 54.9 |
| | 18 | 140.4 | 113.9 | 31.9 | 136.3 | 114.1 | 34.8 | 131.9 | 113.9 | 38.0 | 127.1 | 113.0 | 41.4 | 121.8 | 111.5 | 45.1 | 116.1 | 109.2 | 49.1 | 109.8 | 104.1 | 53.5 |
| | 20 | 147.8 | 100.8 | 32.0 | 143.5 | 100.7 | 35.0 | 138.8 | 100.1 | 38.3 | 133.6 | 99.0 | 41.8 | 128.1 | 97.4 | 45.6 | 122.0 | 95.0 | 49.7 | 115.3 | 91.9 | 54.2 |
| | 22 | 156.1 | 84.8 | 32.1 | 151.4 | 84.3 | 35.2 | 146.4 | 83.4 | 38.6 | 140.9 | 82.1 | 42.2 | 134.9 | 80.3 | 46.1 | 128.4 | 78.0 | 50.3 | 121.3 | 75.0 | 54.9 |
| 30 | 24 | 165.4 | 65.0 | 32.2 | 160.4 | 63.9 | 35.4 | 154.9 | 62.6 | 38.9 | 149.1 | 61.1 | 42.6 | 142.7 | 59.2 | 46.6 | 135.7 | 57.0 | 51.0 | 128.0 | 54.3 | 55.7 |
| | 19 | 145.5 | 121.2 | 32.0 | 141.2 | 121.5 | 35.0 | 136.6 | 121.3 | 38.2 | 131.6 | 120.5 | 41.7 | 126.1 | 118.9 | 45.5 | 120.1 | 114.4 | 49.5 | 113.6 | 108.1 | 54.0 |
| | 21 | 152.6 | 108.7 | 32.1 | 148.0 | 108.7 | 35.1 | 143.1 | 108.3 | 38.4 | 137.8 | 107.2 | 42.0 | 132.0 | 105.5 | 45.9 | 125.7 | 103.0 | 50.1 | 118.7 | 99.8 | 54.6 |
| | 23 | 160.4 | 93.6 | 32.1 | 155.6 | 93.2 | 35.3 | 150.3 | 92.4 | 38.7 | 144.7 | 91.2 | 42.4 | 138.5 | 89.4 | 46.3 | 131.8 | 86.9 | 50.6 | 124.4 | 83.8 | 55.3 |
| 32 | 25 | 169.1 | 75.3 | 32.2 | 163.9 | 74.4 | 35.5 | 158.4 | 73.3 | 39.0 | 152.3 | 71.8 | 42.7 | 145.7 | 69.9 | 46.8 | 138.6 | 67.5 | 51.2 | 130.7 | 64.7 | 56.0 |
| | 21 | 154.2 | 122.7 | 32.1 | 149.6 | 123.1 | 35.2 | 144.6 | 122.8 | 38.5 | 139.2 | 121.8 | 42.1 | 133.4 | 120.1 | 46.0 | 126.9 | 117.6 | 50.2 | 119.9 | 113.4 | 54.7 |
| | 23 | 161.3 | 109.7 | 32.1 | 156.4 | 109.7 | 35.3 | 151.2 | 109.1 | 38.7 | 145.5 | 108.0 | 42.4 | 139.3 | 106.2 | 46.4 | 132.5 | 103.6 | 50.7 | 125.1 | 100.2 | 55.3 |
| | 25 | 169.1 | 94.0 | 32.2 | 163.9 | 93.6 | 35.5 | 158.4 | 92.7 | 39.0 | 152.3 | 91.4 | 42.7 | 145.7 | 89.5 | 46.8 | 138.6 | 87.0 | 51.2 | 130.7 | 83.8 | 56.0 |
| 26 | 173.3 | 85.0 | 32.2 | 168.0 | 84.3 | 35.5 | 162.3 | 83.3 | 39.1 | 156.0 | 81.8 | 42.9 | 149.3 | 79.9 | 47.0 | 141.9 | 77.4 | 51.5 | 133.8 | 74.4 | 56.3 | |

Cooling Capacity (kW)

TC = Total Capacity (kW).
 SC = Sensible Capacity (kW).
 PI = Power Input (kW)
 E.A.T. = Entering Air Temperature .

 = Nominal Capacity (kW)
 Nominal Air Flow: **8 200 l/s**

Note: Total Capacity figures are gross and do not include allowance for fan motor heat loss.

OPA 1710 Econex @Nominal less 50% (8 200 l/s)

Indoor coil
 E.A.T.

Outdoor coil Entering Air Temperature °C DB

| D.B. °C | W.B. °C | 20 | | | 25 | | | 30 | | | 35 | | | 40 | | | 45 | | | 50 | | |
|------------|------------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|------|------|------|------|------|------|
| | | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI |
| 20 | 14 | 85.5 | 55.9 | 23.3 | 83.3 | 55.8 | 25.1 | 80.8 | 55.5 | 27.1 | 78.2 | 55.0 | 29.3 | 75.4 | 54.2 | 31.6 | 72.3 | 53.1 | 34.1 | 68.9 | 51.7 | 36.8 |
| | 15 | 88.7 | 50.3 | 23.4 | 86.4 | 50.0 | 25.3 | 83.8 | 49.6 | 27.3 | 81.1 | 49.0 | 29.5 | 78.1 | 48.1 | 31.8 | 74.9 | 47.0 | 34.4 | 71.3 | 45.5 | 37.1 |
| | 16 | 92.1 | 44.0 | 23.5 | 89.6 | 43.5 | 25.4 | 86.9 | 43.0 | 27.4 | 84.1 | 42.2 | 29.7 | 80.9 | 41.3 | 32.1 | 77.5 | 40.1 | 34.7 | 73.8 | 38.7 | 37.5 |
| | 17 | 95.6 | 36.8 | 23.5 | 93.0 | 36.1 | 25.5 | 90.3 | 35.4 | 27.6 | 87.2 | 34.5 | 29.9 | 84.0 | 33.5 | 32.3 | 80.4 | 32.3 | 35.0 | 76.5 | 30.9 | 37.8 |
| 22 | 16 | 90.8 | 56.2 | 23.4 | 88.4 | 56.1 | 25.3 | 85.8 | 55.7 | 27.4 | 83.0 | 55.2 | 29.6 | 79.9 | 54.3 | 32.0 | 76.5 | 53.1 | 34.6 | 72.9 | 51.6 | 37.4 |
| | 17 | 94.0 | 50.4 | 23.5 | 91.4 | 50.1 | 25.4 | 88.7 | 49.6 | 27.5 | 85.8 | 48.9 | 29.8 | 82.5 | 48.0 | 32.2 | 79.1 | 46.8 | 34.8 | 75.3 | 45.3 | 37.7 |
| | 18 | 97.3 | 43.9 | 23.6 | 94.6 | 43.4 | 25.5 | 91.8 | 42.8 | 27.7 | 88.7 | 42.0 | 30.0 | 85.3 | 41.0 | 32.4 | 81.7 | 39.8 | 35.1 | 77.7 | 38.3 | 38.0 |
| | 19 | 100.8 | 36.6 | 23.6 | 98.0 | 35.9 | 25.7 | 95.1 | 35.1 | 27.8 | 91.8 | 34.2 | 30.2 | 88.3 | 33.1 | 32.7 | 84.5 | 31.9 | 35.4 | 80.4 | 30.4 | 38.3 |
| 24 | 16 | 90.6 | 66.5 | 23.4 | 88.2 | 66.6 | 25.3 | 85.5 | 66.5 | 27.4 | 82.7 | 66.0 | 29.6 | 79.7 | 65.3 | 32.0 | 76.3 | 64.1 | 34.6 | 72.7 | 62.5 | 37.3 |
| | 18 | 96.2 | 56.4 | 23.5 | 93.6 | 56.3 | 25.5 | 90.8 | 55.9 | 27.6 | 87.8 | 55.3 | 29.9 | 84.5 | 54.4 | 32.4 | 80.9 | 53.1 | 35.0 | 76.9 | 51.5 | 37.9 |
| | 20 | 102.6 | 43.7 | 23.7 | 99.8 | 43.2 | 25.7 | 96.8 | 42.5 | 27.9 | 93.5 | 41.7 | 30.3 | 89.9 | 40.6 | 32.8 | 86.0 | 39.4 | 35.5 | 81.7 | 37.8 | 38.5 |
| | 21 | 106.1 | 36.3 | 23.7 | 103.2 | 35.5 | 25.8 | 100.0 | 34.7 | 28.0 | 96.5 | 33.7 | 30.4 | 92.8 | 32.6 | 33.0 | 88.7 | 31.3 | 35.8 | 84.3 | 29.9 | 38.8 |
| 26 | 17 | 93.5 | 71.5 | 23.5 | 91.0 | 71.8 | 25.4 | 88.3 | 71.7 | 27.5 | 85.4 | 71.3 | 29.8 | 82.2 | 70.5 | 32.2 | 78.7 | 69.3 | 34.8 | 74.9 | 67.6 | 37.6 |
| | 19 | 98.8 | 62.2 | 23.6 | 96.1 | 62.1 | 25.6 | 93.2 | 61.8 | 27.7 | 90.1 | 61.2 | 30.1 | 86.7 | 60.3 | 32.5 | 83.0 | 59.1 | 35.2 | 78.9 | 57.4 | 38.1 |
| | 20 | 101.7 | 56.7 | 23.6 | 98.9 | 56.4 | 25.7 | 95.9 | 56.0 | 27.9 | 92.7 | 55.3 | 30.2 | 89.1 | 54.4 | 32.7 | 85.3 | 53.1 | 35.5 | 81.1 | 51.4 | 38.4 |
| | 22 | 108.1 | 43.5 | 23.7 | 105.1 | 43.0 | 25.8 | 101.8 | 42.2 | 28.1 | 98.3 | 41.3 | 30.5 | 94.5 | 40.3 | 33.1 | 90.3 | 39.0 | 35.9 | 85.8 | 37.4 | 39.0 |
| 27 | 18 | 96.3 | 72.0 | 23.5 | 93.7 | 72.2 | 25.5 | 90.9 | 72.1 | 27.6 | 87.8 | 71.7 | 29.9 | 84.5 | 70.8 | 32.4 | 80.9 | 69.6 | 35.0 | 77.0 | 67.8 | 37.9 |
| | 19 | 98.9 | 67.4 | 23.6 | 96.2 | 67.5 | 25.6 | 93.3 | 67.3 | 27.7 | 90.2 | 66.7 | 30.1 | 86.7 | 65.8 | 32.6 | 83.0 | 64.6 | 35.2 | 79.0 | 62.8 | 38.1 |
| | 20 | 101.6 | 62.4 | 23.6 | 98.9 | 62.3 | 25.7 | 95.8 | 62.0 | 27.9 | 92.6 | 61.4 | 30.2 | 89.0 | 60.4 | 32.7 | 85.2 | 59.1 | 35.5 | 81.0 | 57.4 | 38.4 |
| | 22 | 107.6 | 50.5 | 23.7 | 104.6 | 50.1 | 25.8 | 101.4 | 49.5 | 28.1 | 97.9 | 48.7 | 30.5 | 94.1 | 47.6 | 33.1 | 90.0 | 46.3 | 35.9 | 85.5 | 44.6 | 38.9 |
| 28 | 18 | 96.7 | 76.5 | 23.6 | 94.1 | 76.8 | 25.5 | 91.3 | 76.8 | 27.7 | 88.2 | 76.5 | 29.9 | 84.9 | 75.6 | 32.4 | 81.3 | 74.4 | 35.1 | 77.3 | 71.6 | 37.9 |
| | 20 | 101.8 | 67.6 | 23.6 | 99.0 | 67.7 | 25.7 | 96.0 | 67.5 | 27.9 | 92.7 | 66.9 | 30.2 | 89.2 | 66.0 | 32.7 | 85.3 | 64.7 | 35.5 | 81.1 | 62.9 | 38.4 |
| | 22 | 107.4 | 56.8 | 23.7 | 104.4 | 56.6 | 25.8 | 101.2 | 56.1 | 28.1 | 97.7 | 55.4 | 30.5 | 93.9 | 54.3 | 33.1 | 89.8 | 53.0 | 35.9 | 85.3 | 51.3 | 38.9 |
| | 24 | 113.6 | 43.4 | 23.8 | 110.5 | 42.8 | 26.0 | 107.0 | 42.0 | 28.3 | 103.3 | 41.1 | 30.8 | 99.2 | 39.9 | 33.4 | 94.8 | 38.6 | 36.3 | 90.0 | 37.0 | 39.4 |
| 30 | 19 | 100.2 | 81.4 | 23.6 | 97.4 | 81.8 | 25.6 | 94.5 | 81.9 | 27.8 | 91.3 | 81.5 | 30.1 | 87.8 | 80.7 | 32.6 | 84.0 | 78.3 | 35.3 | 79.9 | 74.4 | 38.3 |
| | 21 | 105.0 | 73.0 | 23.7 | 102.1 | 73.1 | 25.8 | 98.9 | 73.0 | 28.0 | 95.5 | 72.5 | 30.4 | 91.9 | 71.5 | 32.9 | 87.9 | 70.2 | 35.7 | 83.5 | 68.3 | 38.7 |
| | 23 | 110.3 | 62.8 | 23.8 | 107.2 | 62.6 | 25.9 | 103.9 | 62.2 | 28.2 | 100.3 | 61.6 | 30.6 | 96.3 | 60.5 | 33.3 | 92.1 | 59.1 | 36.1 | 87.5 | 57.3 | 39.2 |
| | 25 | 116.2 | 50.3 | 23.8 | 112.9 | 49.9 | 26.0 | 109.3 | 49.2 | 28.4 | 105.5 | 48.3 | 30.9 | 101.3 | 47.2 | 33.6 | 96.8 | 45.8 | 36.5 | 91.9 | 44.2 | 39.6 |
| 32 | 21 | 106.1 | 82.5 | 23.7 | 103.2 | 82.8 | 25.8 | 100.0 | 82.8 | 28.0 | 96.5 | 82.4 | 30.4 | 92.8 | 81.5 | 33.0 | 88.7 | 80.1 | 35.8 | 84.3 | 77.8 | 38.8 |
| | 23 | 110.9 | 73.6 | 23.8 | 107.8 | 73.8 | 25.9 | 104.4 | 73.6 | 28.2 | 100.8 | 73.0 | 30.6 | 96.8 | 72.0 | 33.3 | 92.6 | 70.6 | 36.1 | 87.9 | 68.6 | 39.2 |
| | 25 | 116.2 | 63.0 | 23.8 | 112.9 | 62.8 | 26.0 | 109.3 | 62.4 | 28.4 | 105.5 | 61.7 | 30.9 | 101.3 | 60.6 | 33.6 | 96.8 | 59.2 | 36.5 | 91.9 | 57.3 | 39.6 |
| | 26 | 119.0 | 56.9 | 23.9 | 115.6 | 56.6 | 26.1 | 112.0 | 56.0 | 28.4 | 108.0 | 55.2 | 31.0 | 103.7 | 54.1 | 33.7 | 99.1 | 52.6 | 36.7 | 94.0 | 50.9 | 39.9 |

Cooling Capacity (kW)

TC = Total Capacity (kW).
 SC = Sensible Capacity (kW).
 PI = Power Input (kW)
 E.A.T. = Entering Air Temperature .

○ = Nominal Capacity (kW)
 Nominal Air Flow: **8 200 l/s**

Note: Total Capacity figures are **gross** and do not include allowance for fan motor heat loss.

OPA 1710 Econex @Minimum Capacity (8 200 l/s)

Indoor coil
 E.A.T.

Outdoor coil Entering Air Temperature °C DB

| D.B. °C | W.B. °C | 20 | | | 25 | | | 30 | | | 35 | | | 40 | | | 45 | | | 50 | | |
|------------|------------|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|----|----|----|
| | | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI | TC | SC | PI |
| 20 | 14 | 16.5 | 9.7 | 7.2 | 16.2 | 9.7 | 7.6 | 15.8 | 9.7 | 7.9 | 15.4 | 9.6 | 8.3 | 14.9 | 9.4 | 8.6 | 14.4 | 9.0 | 9.0 | | | |
| | 15 | 17.1 | 8.7 | 7.2 | 16.8 | 8.7 | 7.5 | 16.4 | 8.6 | 7.9 | 16.0 | 8.5 | 8.2 | 15.5 | 8.3 | 8.6 | 14.9 | 8.0 | 9.0 | | | |
| | 16 | 17.8 | 7.6 | 7.1 | 17.5 | 7.5 | 7.5 | 17.1 | 7.4 | 7.9 | 16.6 | 7.2 | 8.2 | 16.1 | 7.0 | 8.6 | 15.4 | 6.6 | 9.0 | | | |
| | 17 | 18.6 | 6.3 | 7.1 | 18.2 | 6.2 | 7.5 | 17.8 | 6.0 | 7.8 | 17.3 | 5.8 | 8.2 | 16.7 | 5.5 | 8.6 | 16.0 | 5.2 | 9.0 | | | |
| 22 | 16 | 17.6 | 10.0 | 7.1 | 17.2 | 10.0 | 7.5 | 16.8 | 9.9 | 7.9 | 16.4 | 9.8 | 8.2 | 15.9 | 9.6 | 8.6 | 15.2 | 9.3 | 9.0 | | | |
| | 17 | 18.2 | 9.0 | 7.1 | 17.9 | 8.9 | 7.5 | 17.4 | 8.8 | 7.8 | 17.0 | 8.7 | 8.2 | 16.4 | 8.4 | 8.6 | 15.8 | 8.1 | 9.0 | | | |
| | 18 | 18.9 | 7.8 | 7.1 | 18.5 | 7.7 | 7.4 | 18.1 | 7.6 | 7.8 | 17.6 | 7.4 | 8.2 | 17.0 | 7.1 | 8.6 | 16.3 | 6.8 | 9.0 | | | |
| | 19 | 19.6 | 6.5 | 7.0 | 19.2 | 6.4 | 7.4 | 18.8 | 6.2 | 7.8 | 18.2 | 5.9 | 8.2 | 17.6 | 5.6 | 8.6 | 16.9 | 5.2 | 9.0 | | | |
| 24 | 16 | 17.5 | 12.0 | 7.2 | 17.2 | 11.8 | 7.5 | 16.8 | 11.4 | 7.9 | 16.3 | 11.0 | 8.2 | 15.8 | 10.4 | 8.6 | 15.2 | 9.8 | 9.0 | | | |
| | 18 | 18.7 | 10.3 | 7.1 | 18.3 | 10.3 | 7.4 | 17.9 | 10.2 | 7.8 | 17.4 | 10.1 | 8.2 | 16.8 | 9.8 | 8.6 | 16.1 | 9.5 | 9.0 | | | |
| | 20 | 20.0 | 8.0 | 7.0 | 19.6 | 7.9 | 7.4 | 19.1 | 7.8 | 7.8 | 18.6 | 7.5 | 8.2 | 17.9 | 7.2 | 8.6 | 17.2 | 6.9 | 9.0 | | | |
| | 21 | 20.8 | 6.7 | 6.9 | 20.3 | 6.5 | 7.3 | 19.8 | 6.3 | 7.7 | 19.2 | 6.1 | 8.1 | 18.6 | 5.7 | 8.6 | 17.8 | 5.3 | 9.0 | | | |
| 26 | 17 | 18.1 | 12.7 | 7.1 | 17.8 | 12.4 | 7.5 | 17.4 | 12.0 | 7.8 | 16.9 | 11.5 | 8.2 | 16.3 | 10.9 | 8.6 | 15.7 | 10.3 | 9.0 | | | |
| | 19 | 19.2 | 11.5 | 7.0 | 18.8 | 11.6 | 7.4 | 18.4 | 11.5 | 7.8 | 17.9 | 11.4 | 8.2 | 17.3 | 11.1 | 8.6 | 16.6 | 10.8 | 9.0 | | | |
| | 20 | 19.8 | 10.6 | 7.0 | 19.4 | 10.6 | 7.4 | 19.0 | 10.5 | 7.8 | 18.4 | 10.3 | 8.2 | 17.8 | 10.0 | 8.6 | 17.1 | 9.7 | 9.0 | | | |
| | 22 | 21.2 | 8.3 | 6.9 | 20.8 | 8.1 | 7.3 | 20.2 | 8.0 | 7.7 | 19.6 | 7.7 | 8.1 | 18.9 | 7.4 | 8.6 | 18.1 | 7.0 | 9.0 | | | |
| 27 | 18 | 18.7 | 13.3 | 7.1 | 18.3 | 13.0 | 7.4 | 17.9 | 12.5 | 7.8 | 17.4 | 12.0 | 8.2 | 16.8 | 11.4 | 8.6 | 16.2 | 10.8 | 9.0 | | | |
| | 19 | 19.2 | 12.6 | 7.0 | 18.9 | 12.7 | 7.4 | 18.4 | 12.6 | 7.8 | 17.9 | 12.5 | 8.2 | 17.3 | 11.9 | 8.6 | 16.6 | 11.2 | 9.0 | | | |
| | 20 | 19.8 | 11.7 | 7.0 | 19.4 | 11.7 | 7.4 | 19.0 | 11.7 | 7.8 | 18.4 | 11.5 | 8.2 | 17.8 | 11.3 | 8.6 | 17.0 | 10.9 | 9.0 | | | |
| | 22 | 21.1 | 9.6 | 6.9 | 20.7 | 9.6 | 7.3 | 20.1 | 9.4 | 7.7 | 19.5 | 9.2 | 8.1 | 18.8 | 8.9 | 8.6 | 18.1 | 8.5 | 9.0 | | | |
| 28 | 18 | 18.8 | 13.4 | 7.1 | 18.4 | 13.0 | 7.4 | 18.0 | 12.6 | 7.8 | 17.5 | 12.1 | 8.2 | 16.9 | 11.5 | 8.6 | 16.2 | 10.8 | 9.0 | | | |
| | 20 | 19.8 | 12.8 | 7.0 | 19.5 | 12.8 | 7.4 | 19.0 | 12.8 | 7.8 | 18.4 | 12.7 | 8.2 | 17.8 | 12.4 | 8.6 | 17.1 | 11.7 | 9.0 | | | |
| | 22 | 21.0 | 10.9 | 6.9 | 20.6 | 10.9 | 7.3 | 20.1 | 10.8 | 7.7 | 19.5 | 10.6 | 8.1 | 18.8 | 10.3 | 8.6 | 18.0 | 9.9 | 9.0 | | | |
| | 24 | 22.4 | 8.5 | 6.8 | 21.9 | 8.4 | 7.2 | 21.4 | 8.2 | 7.6 | 20.7 | 7.9 | 8.1 | 19.9 | 7.5 | 8.5 | 19.1 | 7.1 | 9.0 | | | |
| 30 | 19 | | | | | | | | | | | | | | | | | | | | | |
| | 21 | | | | | | | | | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | | | | | | | | | |
| | 25 | | | | | | | | | | | | | | | | | | | | | |
| 32 | 21 | | | | | | | | | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | | | | | | | | | |
| | 25 | | | | | | | | | | | | | | | | | | | | | |
| | 26 | | | | | | | | | | | | | | | | | | | | | |

Indoor Air Flow Correction Factors @ nominal conditions

Cooling

Indoor Air Flow (%)

| | -20 | -10 | Rated | +10 |
|-------------------|-------|-------|-------|-------|
| Total Capacity | 0.950 | 0.975 | 1.000 | 1.025 |
| Sensible Capacity | 0.890 | 0.950 | 1.000 | 1.050 |

Performance Data at part load

Heating Capacity (kW)

G = Gross Capacity (kW), based on nominal air flow.
 N = Net Heating Capacity (kW) allowing for average defrost.
 PI = Power Input (kW)

170.8 = Nominal Capacity (kW)
 Nominal Air Flow: **8 200 l/s**

OPA 1710 Econex at Maximum Capacity (8 200 l/s)

| Air on | | | | Outdoor coil entering air temperature °C DB | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|-------|-------|------|---|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|---|---|
| D.B. °C | - 10 | | | - 5 | | | 0 | | | 5 | | | 7 | | | 10 | | | 15 | | | 20 | | | 25 | | | | |
| | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N |
| 10 | 117.1 | 102.6 | 46.0 | 136.7 | 119.8 | 49.3 | 156.2 | 137.2 | 52.8 | 175.7 | 171.9 | 53.9 | 183.6 | 183.6 | 55.2 | 195.3 | 195.3 | 57.1 | 201.7 | 201.7 | 53.9 | 220.1 | 220.1 | 57.3 | 238.4 | 238.4 | 60.9 | | |
| 15 | 117.4 | 102.9 | 46.9 | 137.0 | 120.0 | 50.3 | 156.5 | 137.4 | 53.9 | 176.1 | 172.2 | 55.1 | 183.9 | 183.9 | 56.4 | 195.6 | 195.6 | 58.4 | 202.0 | 202.0 | 55.0 | 220.4 | 220.4 | 58.5 | 238.7 | 238.7 | 62.2 | | |
| 20 | 115.4 | 101.3 | 47.6 | 135.0 | 118.4 | 51.1 | 154.5 | 135.8 | 54.9 | 174.0 | 170.6 | 56.0 | 181.9 | 181.9 | 57.4 | 193.6 | 193.6 | 59.5 | 200.1 | 200.1 | 55.9 | 218.5 | 218.5 | 59.4 | 236.8 | 236.8 | 63.3 | | |
| 25 | 111.1 | 97.8 | 48.1 | 130.6 | 115.0 | 51.7 | 150.2 | 132.4 | 55.6 | 169.7 | 167.2 | 56.8 | 177.5 | 177.5 | 58.2 | 189.3 | 189.3 | 60.4 | 196.1 | 196.1 | 56.5 | 214.4 | 214.4 | 60.2 | 232.8 | 232.8 | 64.1 | | |

OPA 1710 Econex at Nominal Capacity (8 200 l/s)

| Air on | | | | Outdoor coil entering air temperature °C DB | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|-------|------|------|---|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|---|---|
| D.B. °C | - 10 | | | - 5 | | | 0 | | | 5 | | | 7 | | | 10 | | | 15 | | | 20 | | | 25 | | | | |
| | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N |
| 10 | 110.0 | 96.4 | 41.1 | 128.3 | 112.5 | 44.0 | 146.7 | 128.8 | 47.1 | 165.0 | 161.5 | 48.0 | 172.4 | 172.4 | 49.1 | 183.4 | 183.4 | 50.9 | 201.7 | 201.7 | 53.9 | 220.1 | 220.1 | 57.3 | 238.4 | 238.4 | 60.9 | | |
| 15 | 110.3 | 96.6 | 41.7 | 128.6 | 112.7 | 44.7 | 147.0 | 129.0 | 47.9 | 165.3 | 161.7 | 48.9 | 172.7 | 172.7 | 50.0 | 183.7 | 183.7 | 51.8 | 202.0 | 202.0 | 55.0 | 220.4 | 220.4 | 58.5 | 238.7 | 238.7 | 62.2 | | |
| 20 | 108.4 | 95.1 | 42.1 | 126.7 | 111.2 | 45.3 | 145.1 | 127.5 | 48.5 | 163.4 | 160.2 | 49.6 | 170.8 | 170.8 | 50.7 | 181.8 | 181.8 | 52.6 | 200.1 | 200.1 | 55.9 | 218.5 | 218.5 | 59.4 | 236.8 | 236.8 | 63.3 | | |
| 25 | 104.3 | 91.9 | 42.3 | 122.7 | 108.0 | 45.6 | 141.0 | 124.3 | 48.9 | 159.4 | 157.0 | 50.0 | 166.7 | 166.7 | 51.2 | 177.7 | 177.7 | 53.1 | 196.1 | 196.1 | 56.5 | 214.4 | 214.4 | 60.2 | 232.8 | 232.8 | 64.1 | | |

OPA 1710 Econex at Nominal less 25% (8 200 l/s)

| Air on | | | | Outdoor coil entering air temperature °C DB | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|------|------|------|---|------|------|-------|------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|------|---|---|
| D.B. °C | - 10 | | | - 5 | | | 0 | | | 5 | | | 7 | | | 10 | | | 15 | | | 20 | | | 25 | | | | |
| | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N |
| 10 | 83.1 | 72.8 | 31.2 | 97.0 | 85.0 | 33.4 | 110.8 | 97.3 | 35.7 | 124.7 | 122.0 | 36.5 | 130.2 | 130.2 | 37.3 | 138.5 | 138.5 | 38.6 | 152.4 | 152.4 | 41.0 | 166.3 | 166.3 | 43.5 | 180.1 | 180.1 | 46.2 | | |
| 15 | 83.3 | 73.0 | 31.7 | 97.2 | 85.1 | 34.0 | 111.0 | 97.5 | 36.4 | 124.9 | 122.1 | 37.1 | 130.4 | 130.4 | 38.0 | 138.8 | 138.8 | 39.4 | 152.6 | 152.6 | 41.8 | 166.5 | 166.5 | 44.4 | 180.4 | 180.4 | 47.2 | | |
| 20 | 81.9 | 71.9 | 32.0 | 95.7 | 84.0 | 34.4 | 109.6 | 96.4 | 36.9 | 123.5 | 121.0 | 37.7 | 129.0 | 129.0 | 38.6 | 137.3 | 137.3 | 40.0 | 151.2 | 151.2 | 42.4 | 165.1 | 165.1 | 45.1 | 178.9 | 178.9 | 48.0 | | |
| 25 | 78.8 | 69.4 | 32.2 | 92.7 | 81.6 | 34.7 | 106.5 | 93.9 | 37.2 | 120.4 | 118.6 | 38.0 | 126.0 | 126.0 | 38.9 | 134.3 | 134.3 | 40.4 | 148.1 | 148.1 | 42.9 | 162.0 | 162.0 | 45.7 | 175.9 | 175.9 | 48.7 | | |

OPA 1710 Econex at Nominal less 50% (8 200 l/s)

| Air on | | | | Outdoor coil entering air temperature °C DB | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|-------|------|-------|-------|------|---|---|
| D.B. °C | - 10 | | | - 5 | | | 0 | | | 5 | | | 7 | | | 10 | | | 15 | | | 20 | | | 25 | | | | |
| | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N |
| 10 | 56.2 | 49.2 | 21.3 | 65.6 | 57.5 | 22.8 | 74.9 | 65.8 | 24.4 | 84.3 | 82.5 | 24.9 | 88.1 | 88.1 | 25.5 | 93.7 | 93.7 | 26.4 | 103.1 | 103.1 | 28.0 | 112.4 | 112.4 | 29.7 | 121.8 | 121.8 | 31.6 | | |
| 15 | 56.3 | 49.4 | 21.7 | 65.7 | 57.6 | 23.2 | 75.1 | 65.9 | 24.9 | 84.5 | 82.6 | 25.4 | 88.2 | 88.2 | 26.0 | 93.8 | 93.8 | 26.9 | 103.2 | 103.2 | 28.6 | 112.6 | 112.6 | 30.3 | 122.0 | 122.0 | 32.2 | | |
| 20 | 55.4 | 48.6 | 21.9 | 64.8 | 56.8 | 23.5 | 74.1 | 65.2 | 25.2 | 83.5 | 81.8 | 25.8 | 87.3 | 87.3 | 26.4 | 92.9 | 92.9 | 27.3 | 102.3 | 102.3 | 29.0 | 111.6 | 111.6 | 30.8 | 121.0 | 121.0 | 32.8 | | |
| 25 | 53.3 | 46.9 | 22.1 | 62.7 | 55.2 | 23.8 | 72.1 | 63.5 | 25.5 | 81.4 | 80.2 | 26.0 | 85.2 | 85.2 | 26.7 | 90.8 | 90.8 | 27.7 | 100.2 | 100.2 | 29.4 | 109.6 | 109.6 | 31.2 | 118.9 | 118.9 | 33.3 | | |

OPA 1710 Econex at Minimum Capacity (8 200 l/s)

| Air on | | | | Outdoor coil entering air temperature °C DB | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|------|-----|-----|---|-----|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|---|---|
| D.B. °C | - 10 | | | - 5 | | | 0 | | | 5 | | | 7 | | | 10 | | | 15 | | | 20 | | | 25 | | | | |
| | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N | PI | G | N |
| 10 | 9.4 | 8.3 | 6.4 | 11.0 | 9.6 | 6.6 | 12.6 | 11.0 | 6.8 | 14.1 | 13.8 | 6.9 | 14.8 | 14.8 | 7.0 | 15.7 | 15.7 | 7.1 | 17.3 | 17.3 | 7.3 | 18.9 | 18.9 | 7.5 | 20.4 | 20.4 | 7.7 | | |
| 15 | 9.4 | 8.3 | 6.5 | 11.0 | 9.7 | 6.7 | 12.6 | 11.1 | 6.9 | 14.2 | 13.8 | 7.0 | 14.8 | 14.8 | 7.1 | 15.7 | 15.7 | 7.2 | 17.3 | 17.3 | 7.3 | 18.9 | 18.9 | 7.5 | 20.4 | 20.4 | 7.7 | | |
| 20 | 9.3 | 8.1 | 6.5 | 10.9 | 9.5 | 6.7 | 12.4 | 10.9 | 6.9 | 14.0 | 13.7 | 7.0 | 14.6 | 14.6 | 7.1 | 15.6 | 15.6 | 7.2 | 17.1 | 17.1 | 7.3 | 18.7 | 18.7 | 7.5 | 20.3 | 20.3 | 7.7 | | |
| 25 | 8.9 | 7.9 | 6.5 | 10.5 | 9.3 | 6.7 | 12.1 | 10.6 | 6.9 | 13.7 | 13.4 | 6.9 | 14.3 | 14.3 | 7.0 | 15.2 | 15.2 | 7.1 | 16.8 | 16.8 | 7.3 | 18.4 | 18.4 | 7.5 | 19.9 | 19.9 | 7.6 | | |

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Specifications are subject to change without notice due to the manufacturer's ongoing research and development programme.