

## PAC Altherma: puissances et coefficient de performance

|        |      | température de départ eau °C |                |            |             |                |             |      |                |            |      |                |            |      |                |            |      |                |            |
|--------|------|------------------------------|----------------|------------|-------------|----------------|-------------|------|----------------|------------|------|----------------|------------|------|----------------|------------|------|----------------|------------|
|        |      | 30                           |                |            | 35          |                |             | 40   |                |            | 45   |                |            | 50   |                |            | 55   |                |            |
|        |      | température ext. °C          | kW calorifique | kW absorbé | COP         | kW calorifique | kW absorbé  | COP  | kW calorifique | kW absorbé | COP  | kW calorifique | kW absorbé | COP  | kW calorifique | kW absorbé | COP  | kW calorifique | kW absorbé |
| ERHQ11 | -20  | 5.66                         | 2.17           | 2.61       | 5.48        | 2.37           | 2.31        | 5.44 | 2.61           | 2.08       |      |                |            |      |                |            |      |                |            |
|        | -15  | 6.48                         | 2.21           | 2.93       | 6.25        | 2.42           | 2.58        | 6.17 | 2.67           | 2.31       |      |                |            |      |                |            |      |                |            |
|        | -7   | 8.04                         | 2.24           | 3.59       | 7.74        | 2.46           | 3.15        | 7.63 | 2.72           | 2.81       | 7.5  | 3.02           | 2.48       |      |                |            |      |                |            |
|        | -2   | 9.18                         | 2.24           | 4.1        | 8.84        | 2.47           | 3.58        | 8.71 | 2.74           | 3.18       | 8.57 | 3.05           | 2.81       | 8.18 | 3.36           | 2.43       |      |                |            |
|        | 2    | 10.2                         | 2.23           | 4.57       | <b>9.81</b> | <b>2.47</b>    | <b>3.97</b> | 9.68 | 2.74           | 3.53       | 9.52 | 3.06           | 3.11       | 9.1  | 3.38           | 2.69       | 6.72 | 3.77           | 1.78       |
|        | 7    | 11.6                         | 2.21           | 5.25       | 11.2        | 2.46           | 4.55        | 10.8 | 2.74           | 3.94       | 10.3 | 3.06           | 3.37       | 9.94 | 3.42           | 2.91       | 9.53 | 3.82           | 2.49       |
|        | 12   | 13.1                         | 2.18           | 6.01       | 12.7        | 2.43           | 5.23        | 12.2 | 2.72           | 4.49       | 11.8 | 3.04           | 3.88       | 11.3 | 3.41           | 3.31       | 10.9 | 3.81           | 2.86       |
|        | 15   | 14.1                         | 2.15           | 6.56       | 13.6        | 2.41           | 5.64        | 13.2 | 2.7            | 4.89       | 12.7 | 3.03           | 4.19       | 12.2 | 3.4            | 3.59       | 11.7 | 3.81           | 3.07       |
| 20     | 15.9 | 2.1                          | 7.57           | 15.4       | 2.36        | 6.53           | 14.9        | 2.65 | 5.62           | 14.4       | 2.99 | 4.82           | 13.8       | 3.37 | 4.09           | 13.3       | 3.78 | 3.52           |            |
| ERHQ14 | -20  | 7.24                         | 2.72           | 2.66       | 7.14        | 2.97           | 2.4         | 7.05 | 3.26           | 2.16       |      |                |            |      |                |            |      |                |            |
|        | -15  | 8.19                         | 2.78           | 2.95       | 8.01        | 3.04           | 2.63        | 7.85 | 3.34           | 2.35       |      |                |            |      |                |            |      |                |            |
|        | -7   | 10.1                         | 2.84           | 3.56       | 9.76        | 3.11           | 3.14        | 9.51 | 3.43           | 2.77       | 9.25 | 3.79           | 2.44       |      |                |            |      |                |            |
|        | -2   | 11.5                         | 2.87           | 4.01       | 11.1        | 3.14           | 3.54        | 11.1 | 3.47           | 3.2        | 10.7 | 3.74           | 2.86       | 10.4 | 4.14           |            |      |                |            |
|        | 2    | 12.7                         | 2.87           | 4.43       | <b>12.3</b> | <b>3.16</b>    | <b>3.89</b> | 12.2 | 3.49           | 3.5        | 11.8 | 3.76           | 3.14       | 11.4 | 4.17           | 2.73       | 11.1 | 4.62           | 2.4        |
|        | 7    | 14.4                         | 2.88           | 5          | 14          | 3.17           | 4.42        | 13.5 | 3.5            | 3.86       | 13.1 | 3.88           | 3.38       | 12.7 | 4.3            | 2.95       | 12.3 | 4.77           | 2.58       |
|        | 12   | 16.3                         | 2.86           | 5.7        | 15.9        | 3.16           | 5.03        | 15.4 | 3.5            | 4.4        | 14.9 | 3.89           | 3.83       | 14.4 | 4.32           | 3.33       | 13.9 | 4.79           | 2.9        |
|        | 15   | 17.6                         | 2.85           | 6.18       | 17.1        | 3.15           | 5.43        | 16.5 | 3.5            | 4.71       | 16   | 3.89           | 4.11       | 15.5 | 4.32           | 3.59       | 15   | 4.8            | 3.13       |
| 20     | 19.9 | 2.82                         | 7.06           | 19.3       | 3.13        | 6.17           | 18.7        | 3.48 | 5.37           | 18.1       | 3.87 | 4.68           | 17.5       | 4.31 | 4.06           | 17         | 4.8  | 3.54           |            |
| ERHQ16 | -20  | 8.35                         | 3.25           | 2.57       | 8.31        | 3.54           | 2.35        | 8.27 | 3.89           | 2.13       |      |                |            |      |                |            |      |                |            |
|        | -15  | 9.38                         | 3.33           | 2.82       | 9.33        | 3.63           | 2.57        | 9.28 | 3.98           | 2.33       |      |                |            |      |                |            |      |                |            |
|        | -7   | 11.5                         | 3.42           | 3.36       | 11.3        | 3.73           | 3.03        | 11.1 | 4.1            | 2.71       | 10.9 | 4.52           | 2.41       |      |                |            |      |                |            |
|        | -2   | 13                           | 3.46           | 3.76       | 12.7        | 3.78           | 3.36        | 12.5 | 4.15           | 3.01       | 12.2 | 4.58           | 2.66       | 12   | 5.06           | 2.37       |      |                |            |
|        | 2    | 14.4                         | 3.48           | 4.14       | <b>14.1</b> | <b>3.81</b>    | <b>3.7</b>  | 13.8 | 4.19           | 3.29       | 13.5 | 4.62           | 2.92       | 13.1 | 5.11           | 2.56       | 11.9 | 5.35           | 2.22       |
|        | 7    | 16.3                         | 3.5            | 4.66       | 16          | 3.83           | 4.18        | 15.6 | 4.22           | 3.7        | 15.2 | 4.66           | 3.26       | 14.8 | 5.15           | 2.87       | 13.4 | 5.4            | 2.48       |
|        | 12   | 18.5                         | 3.51           | 5.27       | 18.1        | 3.85           | 4.7         | 17.6 | 4.24           | 4.15       | 17.2 | 4.69           | 3.67       | 16.7 | 5.18           | 3.22       | 15.1 | 5.44           | 2.78       |
|        | 15   | 20                           | 3.51           | 5.7        | 19.5        | 3.86           | 5.05        | 19   | 4.25           | 4.47       | 18.5 | 4.69           | 3.94       | 18   | 5.2            | 3.46       | 16.6 | 5.75           | 2.89       |
| 20     | 22.5 | 3.5                          | 6.43           | 22         | 3.85        | 5.71           | 21.4        | 4.25 | 5.04           | 20.8       | 4.7  | 4.43           | 20.3       | 5.21 | 3.9            | 18.7       | 5.77 | 3.24           |            |