

**Model** *Modello*Outdoor Unit: *Unità esterna:* IOKE-53M-R32Indoor Unit: *Unità interna:* IFKEI-48-R32**Standard specs** *Dati nominali*Size (set): *Grandezza (set):* 48M Cooling capacity: *Potenza raffrescamento:* 4,84 kWAirflow: *Portata d'aria:* 560 m<sup>3</sup>/h Heating capacity: *Potenza riscaldamento:* 4,98 kW**COOLING / RAFFRESCAMENTO**

| INDOOR TEMP.<br>TEMP. INTERNA |      | OUTDOOR TEMP. (DB,°C) TEMP. ESTERNA (DB,°C) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------|------|---------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                               |      | 20                                          |      |      | 25   |      |      | 30   |      |      | 35   |      |      | 40   |      |      |
| DB                            | WB   | TC                                          | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |
| [°C]                          | [°C] | [kW]                                        | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] |
| 20                            | 14   | 4,96                                        | 3,87 | 1,15 | 4,76 | 3,80 | 1,26 | 4,54 | 3,72 | 1,36 | 4,29 | 3,60 | 1,47 | 4,15 | 3,57 | 1,58 |
| 22                            | 16   | 5,23                                        | 4,00 | 1,16 | 5,01 | 3,93 | 1,26 | 4,77 | 3,84 | 1,37 | 4,51 | 3,72 | 1,48 | 4,37 | 3,69 | 1,59 |
| 25                            | 18   | 5,50                                        | 4,12 | 1,18 | 5,27 | 4,05 | 1,27 | 5,03 | 3,97 | 1,39 | 4,74 | 3,84 | 1,50 | 4,60 | 3,82 | 1,61 |
| 27                            | 19   | 5,61                                        | 4,15 | 1,18 | 5,38 | 4,08 | 1,29 | 5,13 | 4,00 | 1,39 | 4,84 | 3,87 | 1,51 | 4,70 | 3,84 | 1,62 |
| 30                            | 22   | 6,00                                        | 4,36 | 1,19 | 5,75 | 4,29 | 1,30 | 5,49 | 4,20 | 1,40 | 5,19 | 4,07 | 1,52 | 5,02 | 4,04 | 1,64 |
| 32                            | 24   | 6,24                                        | 4,45 | 1,20 | 5,96 | 4,38 | 1,30 | 5,70 | 4,30 | 1,41 | 5,38 | 4,16 | 1,54 | 5,21 | 4,15 | 1,64 |

**HEATING / RISCALDAMENTO**

| INDOOR TEMP.<br>TEMP. INTERNA |  | OUTDOOR TEMPERATURE (DB,°C) TEMP. ESTERNA (DB,°C) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------|--|---------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                               |  | -20                                               |      | -15  |      | -10  |      | -7   |      | 0    |      | 2    |      | 7    |      | 12   |      |
| DB                            |  | TC                                                | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| [°C]                          |  | [kW]                                              | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] | [kW] |
| 15                            |  | 2,72                                              | 1,51 | 3,23 | 1,74 | 3,61 | 1,71 | 3,85 | 1,70 | 4,30 | 1,73 | 4,67 | 1,77 | 5,13 | 1,36 | 5,23 | 1,26 |
| 18                            |  | 2,68                                              | 1,53 | 3,18 | 1,76 | 3,56 | 1,74 | 3,79 | 1,72 | 4,24 | 1,76 | 4,60 | 1,80 | 5,05 | 1,38 | 5,15 | 1,28 |
| 20                            |  | 2,64                                              | 1,56 | 3,14 | 1,79 | 3,51 | 1,77 | 3,74 | 1,75 | 4,18 | 1,79 | 4,53 | 1,82 | 4,98 | 1,40 | 5,08 | 1,30 |
| 22                            |  | 2,59                                              | 1,57 | 3,07 | 1,81 | 3,44 | 1,78 | 3,66 | 1,77 | 4,09 | 1,81 | 4,44 | 1,84 | 4,88 | 1,41 | 4,98 | 1,32 |
| 24                            |  | 2,56                                              | 1,58 | 3,05 | 1,83 | 3,40 | 1,80 | 3,62 | 1,78 | 4,05 | 1,82 | 4,40 | 1,86 | 4,83 | 1,43 | 4,93 | 1,32 |
| 25                            |  | 2,54                                              | 1,59 | 3,01 | 1,84 | 3,37 | 1,81 | 3,59 | 1,80 | 4,01 | 1,83 | 4,35 | 1,86 | 4,78 | 1,43 | 4,88 | 1,33 |
| 27                            |  | 2,51                                              | 1,61 | 2,98 | 1,86 | 3,33 | 1,83 | 3,55 | 1,81 | 3,97 | 1,85 | 4,31 | 1,88 | 4,73 | 1,45 | 4,83 | 1,35 |

**Legenda:**DB: Dry Bulb / *Bulbo secco*WB: Wet Bulb / *Bulbo umido*TC: Total Capacity / *Capacità totale*SHC: Sensible Cooling Capacity / *Capacità Sensibile*PI: Power Input / *Potenza assorbita***Notes:**1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*- Equivalent piping length / *Lunghezza equivalente tubazioni: 5m*- Level difference / *Dislivello tubazioni: 0m*

2. Data take defrosting operations into account

2. I dati considerano i cicli di sbrinamento nel funzionamento