

**Model** *Modello*Outdoor Unit: *Unità esterna:* IOKE-105M-R32Indoor Unit: *Unità interna:* IUKE-105-R32**Standard specs** *Dati nominali*Size (set): *Grandezza (set):* 105M Cooling capacity: *Potenza raffrescamento:* 10,55 kWAirflow: *Portata d'aria:* 2160 m<sup>3</sup>/h Heating capacity: *Potenza riscaldamento:* 11,14 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   | 10,82                                       | 8,44 | 2,49 | 10,36 | 8,29 | 2,71 | 9,89  | 8,11 | 2,93 | 9,33  | 7,84 | 3,19 | 9,05  | 7,79 | 3,41 |
| 22                            | 16   | 11,39                                       | 8,71 | 2,51 | 10,90 | 8,56 | 2,74 | 10,41 | 8,38 | 2,96 | 9,83  | 8,10 | 3,22 | 9,53  | 8,05 | 3,44 |
| 25                            | 18   | 12,00                                       | 8,99 | 2,54 | 11,47 | 8,83 | 2,76 | 10,96 | 8,66 | 2,99 | 10,34 | 8,37 | 3,25 | 10,03 | 8,32 | 3,48 |
| 27                            | 19   | 12,24                                       | 9,05 | 2,55 | 11,72 | 8,90 | 2,78 | 11,18 | 8,72 | 3,01 | 10,55 | 8,44 | 3,27 | 10,24 | 8,39 | 3,50 |
| 30                            | 22   | 13,09                                       | 9,50 | 2,57 | 12,53 | 9,33 | 2,81 | 11,97 | 9,15 | 3,03 | 11,29 | 8,87 | 3,30 | 10,95 | 8,81 | 3,53 |
| 32                            | 24   | 13,58                                       | 9,72 | 2,59 | 13,00 | 9,56 | 2,83 | 12,41 | 9,37 | 3,05 | 11,72 | 9,07 | 3,32 | 11,36 | 9,03 | 3,55 |

**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                            |  | 6,08                                              | 3,19 | 7,22 | 3,68 | 8,08 | 3,62 | 8,61 | 3,60 | 9,62 | 3,67 | 10,44 | 3,74 | 11,48 | 2,87 | 11,71 | 2,67 |
| 18                            |  | 5,99                                              | 3,23 | 7,12 | 3,73 | 7,97 | 3,68 | 8,48 | 3,64 | 9,49 | 3,73 | 10,29 | 3,80 | 11,30 | 2,92 | 11,53 | 2,71 |
| 20                            |  | 5,91                                              | 3,29 | 7,02 | 3,78 | 7,85 | 3,74 | 8,36 | 3,70 | 9,34 | 3,78 | 10,13 | 3,86 | 11,14 | 2,96 | 11,36 | 2,76 |
| 22                            |  | 5,79                                              | 3,32 | 6,87 | 3,83 | 7,69 | 3,77 | 8,19 | 3,74 | 9,15 | 3,83 | 9,94  | 3,88 | 10,92 | 2,99 | 11,14 | 2,79 |
| 24                            |  | 5,73                                              | 3,35 | 6,81 | 3,87 | 7,62 | 3,81 | 8,10 | 3,77 | 9,06 | 3,86 | 9,84  | 3,93 | 10,80 | 3,02 | 11,02 | 2,80 |
| 25                            |  | 5,67                                              | 3,36 | 6,74 | 3,88 | 7,54 | 3,83 | 8,03 | 3,80 | 8,98 | 3,87 | 9,74  | 3,94 | 10,70 | 3,03 | 10,92 | 2,82 |
| 27                            |  | 5,61                                              | 3,41 | 6,67 | 3,93 | 7,46 | 3,87 | 7,94 | 3,83 | 8,87 | 3,91 | 9,63  | 3,99 | 10,58 | 3,06 | 10,80 | 2,84 |

**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