

# Roof Mount Air Conditioner, DEK



This roof cooling unit, DEK, with a IP54 protection degree, provides cooling, either to one enclosure or to a complete assembly, depending on the cooling requirements and desired energy consumption level. It is placed on top of the enclosure and is perfect when there is not enough space on the door or side panels.

## FEATURES

Finish: RAL 7035 for the galvanized steel versions

Temperature limits outside: +20°C to +50°C

Temperature limits inside: +20°C to +45°C

Pack quantity: 1



## SPECIFICATIONS

Table 1/3

| Catalog Number | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| DEK20BT09      | 2050W                    | 1560W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK12BTUB      | 1150W                    | 900W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK30BT0B      | 2900W                    | 2250W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK15CT0B      | 1550W                    | 1200W                    | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK15BTUB      | 1550W                    | 1200W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK12BTU9      | 1150W                    | 900W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK40BT0B      | 3850W                    | 2870W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK04BTUB      | 410W                     | 240W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK08CT09      | 820W                     | 680W                     | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK15CT09      | 1550W                    | 1200W                    | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK04CT09      | 410W                     | 240W                     | 115V            | 1Ph              | 60 Hz     | R134a       |
| DEK20CT0B      | 2050W                    | 1560W                    | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK12CT09      | 1150W                    | 900W                     | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK20CT09      | 2050W                    | 1560W                    | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK15BTU9      | 1550W                    | 1200W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |

| Catalog Number | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| DEK08BTU9      | 820W                     | 680W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK12CT0B      | 1150W                    | 900W                     | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK04CT0B      | 410W                     | 240W                     | 115V            | 1Ph              | 60 Hz     | R134a       |
| DEK08BTUB      | 820W                     | 680W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK30BT09      | 2900W                    | 2250W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |

Table 2/3

| Catalog Number | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| DEK20BT0B      | 2050W                    | 1560W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK08CT0B      | 820W                     | 680W                     | 115V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK04BTU9      | 410W                     | 240W                     | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK40BT09      | 3850W                    | 2870W                    | 230V            | 1Ph              | 50/60 Hz  | R134a       |
| DEK12GT09      | 1150W                    | 900W                     | 400V, 440V      | 2Ph              | 50/60 Hz  | R134a       |
| DEK08GT0B      | 820W                     | 680W                     | 400V, 440V      | 2Ph              | 50/60 Hz  | R134a       |
| DEK08GT09      | 820W                     | 680W                     | 400V, 440V      | 2Ph              | 50/60 Hz  | R134a       |
| DEK12GT0B      | 1150W                    | 900W                     | 400V, 440V      | 2Ph              | 50/60 Hz  | R134a       |
| DEK15GT0B      | 1550W                    | 1200W                    | 400V, 440V      | 2Ph              | 50/60 Hz  | R134a       |
| DEK15GT09      | 1550W                    | 1200W                    | 400V, 440V      | 2Ph              | 50/60 Hz  | R134a       |
| DEK20LT0B      | 2050W                    | 1560W                    | 400V            | 3Ph              | 50/60 Hz  | R134a       |
| DEK20NTUB      | 2050W                    | 1560W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| DEK40LT0B      | 3850W                    | 2870W                    | 400V            | 3Ph              | 50/60 Hz  | R134a       |
| DEK20NTU9      | 2050W                    | 1560W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| DEK30NTUB      | 2900W                    | 2250W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| DEK20LT09      | 2050W                    | 1560W                    | 400V            | 3Ph              | 50/60 Hz  | R134a       |
| DEK30LT09      | 2900W                    | 2250W                    | 400V            | 3Ph              | 50/60 Hz  | R134a       |
| DEK40LT09      | 3850W                    | 2870W                    | 400V            | 3Ph              | 50/60 Hz  | R134a       |
| DEK30NTU9      | 2900W                    | 2250W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| DEK40NTU9      | 3850W                    | 2870W                    | 460V            | 3Ph              | 60 Hz     | R134a       |

Table 3/3

| Catalog Number | Cooling Capacity, L35L35 | Cooling Capacity, L35L50 | Nominal Voltage | Number of Phases | Frequency | Refrigerant |
|----------------|--------------------------|--------------------------|-----------------|------------------|-----------|-------------|
| DEK40NTUB      | 3850W                    | 2870W                    | 460V            | 3Ph              | 60 Hz     | R134a       |
| DEK30LT0B      | 2900W                    | 2250W                    | 400V            | 3Ph              | 50/60 Hz  | R134a       |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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