

# Air Conditioners for Industrial Series



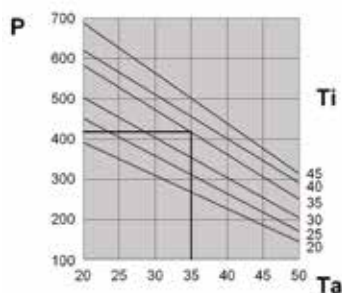
## DEK Air Conditioners for Industrial Series IP55

### Description

The DEK Cooling unit Series, over and above their high reliability and good cooling capacity, stand out for guaranteeing an effective condensation management. Moreover, their compact dimensions and robust design make it one of the most used products for installations on roof of Industrial IP55 Series Rack Cabinets.

#### Cooling capacity 410W

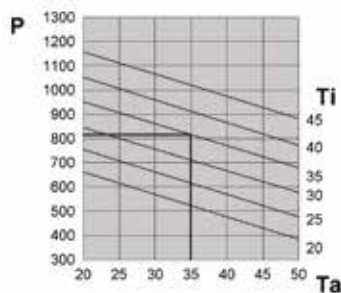
##### Performances



- P = Cooling Capacity (W)
- Ta = Room temperature (°C)
- Ti = Cabinet internal temperature (°C)

#### Cooling capacity 820W

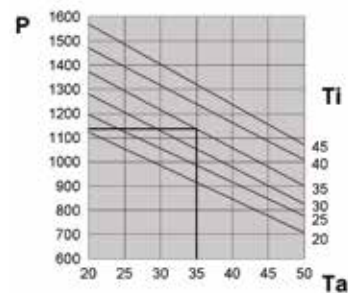
##### Performances



- P = Cooling Capacity (W)
- Ta = Room temperature (°C)
- Ti = Cabinet internal temperature (°C)

#### Cooling capacity 1150W

##### Performances



- P = Cooling Capacity (W)
- Ta = Room temperature (°C)
- Ti = Cabinet internal temperature (°C)

### Technical Specifications

| Features                                  | UoM    | 309218                                     | 309219       | 309212       |
|-------------------------------------------|--------|--------------------------------------------|--------------|--------------|
| Cooling Capacity EN14511-A35A35           | W      | 410                                        | 820          | 1150         |
| Cooling Capacity EN14511-A35A50           | W      | 240                                        | 680          | 900          |
| Power supply                              | V ~ Hz | 230 1~ 50-60                               | 230 1~ 50-60 | 230 1~ 50-60 |
| Width                                     | mm     | 259                                        | 341          | 401          |
| Height                                    | mm     | 260                                        | 339          | 415          |
| Depth                                     | mm     | 481                                        | 600          | 572          |
| Max Current                               | A      | 1,5                                        | 2,9          | 3,2          |
| Inrush Current                            | A      | 4                                          | 12           | 11           |
| T Fuse                                    | A      | 4                                          | 6            | 6            |
| Power draw EN 14511-A35A35                | W      | 270                                        | 510          | 550          |
| Power draw EN 14511-A35A50                | W      | 315                                        | 560          | 660          |
| Operating Cycle                           | -      | 100%                                       | 100%         | 100%         |
| Electrical connection                     | -      | 4-pin plug                                 | 4-pin plug   | 4-pin plug   |
| R134a coolant                             | kg     | 0,17                                       | 0,31         | 0,63         |
| Max cooling circuit pressure              | bar    | 26                                         | 25           | 25           |
| External air fan capacity                 | m³/h   | 330                                        | 860          | 1.010        |
| Cabinet air fan capacity                  | m³/h   | 235                                        | 570          | 570          |
| Internal temperature range                | °C     | 20-50                                      | 20-50        | 20-50        |
| Temperature regulation                    | -      | Electronic thermostat, factory set to 35°C |              |              |
| External temperature range                | °C     | 20-55*                                     | 20-55*       | 20-55*       |
| EN60529 ingress protection - cabinet side | -      | IP54                                       | IP54         | IP54         |
| EN60529 ingress protection - ambient side | -      | IP34                                       | IP34         | IP34         |
| Noise level                               | dB (A) | 60                                         | 62           | 65           |
| Weight                                    | kg     | 18                                         | 23           | 40           |
| Color                                     | -      | RAL 7035 embossed effect                   |              |              |
| Conformity                                | -      | CE                                         | CE           | CE           |

\*50°C a 60 Hz