| **Norsup Inverter vertical** | **Model** | **P13V/32** | **P17V/32** | **P21V/32** | **P21TV/32** | **P24V/32** | **P24TV/32** | **P31V/32** | **P31TV/32** | **P35TV/32** |
|---|---|---|---|---|---|---|---|---|---|---|
| **Part nr** | | **7036133** | **7036134** | **7036135** | **7036115** | **7036136** | **7036137** | **7036138** | **7036139** | **7036140** |
| Heating capacity A27℃/W27 (max.- min.) | kW | 13.5~3.7 | 17~3.4 | 21.3~6.2 | 21.1~6.3 | 24.9~5.6 | 24.3~5.5 | 30.6~8.5 | 31.2~8.8 | 35.5~7.8 |
| Heating capacity A15℃/W25 (max.- min.) | kW | 10~2.7 | 12.7~2.7 | 16.3~6.5 | 16.3~4.5 | 18.7~4.4 | 18.8~4.1 | 23.8~6.4 | 23.6~6.5 | 27.5~6.4 |
| Heating capacity A0℃/W25 (max.-min.) | kW | 6.9~1.9 | 8.8~1.9 | 11.3~4.5 | 11.3~3.1 | 13.0~3.1 | 13.0~2.8 | 16.5~4.4 | 16.4~4.5 | 19.3~4.5 |
| Heating capacity A-5℃/W25 (max.-min.) | kW | 5.7~1.5 | 7.2~1.5 | 9.3~3.7 | 9.3~2.6 | 10.6~2.5 | 10.7~2.3 | 13.6~3.6 | 13..4~3.7 | 15.8~3.6 |
| Power input (max.- min.) | kW | 2.9~0.23 | 3.54~0.31 | 4.55~0.43 | 5.2~0.43 | 5.3~0.47 | 5.7~0.47 | 7.0~0.53 | 7.0~0.55 | 8.95~0.66 |
| Swimming pool volume* | m3 | 35-60 | 45-80 | 60-110 | 60-110 | 70-125 | 70-125 | 90-160 | 90-160 | 105-185 |
| Rated current | A | 12 | 14.8 | 17.7 | 8.7 | 22.6 | 11.74 | 23 | 13.3 | 14.4 |
| Mininum fuse | A | 20 | 20 | 30 | 20 | 30 | 20 | 40 | 20 | 20 |
| COP at A27/W27 | | 13.4-7 | 13-6.6 | 15.6-7.3 | 14.8-7.6 | 15.2-6.4 | 14.2-6.6 | 14.3-6.3 | 15.7-6.1 | 12.2-5.2 |
| COP at A15/W25 | | 6.2-5 | 6.8-5 | 7-5.4 | 7.4-5.6 | 7.1-5.1 | 7.1-5.1 | 7.8-5 | 8.2-5 | 6.8-4.1 |
| COP at A0/W25 | | 3.5~3.0 | 3.6~3.0 | 3.8~2.8 | 3.8~3.0 | 3.7~2.9 | 3.7~2.8 | 3.9~3.2 | 3.9~3.2 | 3.1~2.4 |
| COP at A-5/W25 | | 3.3~2.8 | 3.4~2.8 | 3.5~2.6 | 3.5~2.7 | 3.3~2.6 | 3.2~2.6 | 3.4~2.9 | 3.4~2.9 | 2.7~2.1 |
| Power Supply | V/Ph/Hz | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 380/3/50 | 220-240/1/50 | 380/3/50 | 220-240/1/50 | 380/3/50 | 380/3/50 |
| Evaporator | | Hydrophilic finned heat exchanger | | | | | | | | |
| Condenser | | Twisted double coil PVC titanium heat exchanger | | | | | | | | |
| Compressor type | | Rotary | | | | | | | | |
| Compressor brand | | Mitsubishi | | Panasonic | | | | Mitsubishi | | |
| Refrigerant | | R32 | | | | | | | | |
| Fan Quantity | | 1 | | | | | | | | |
| Fan Direction | | Vertical | | | | | | | | |
| Fan Rotate Speed | RPM | 500-700 | 500-700 | 500-700 | 500-700 | 600-750 | 600-750 | 500-700 | 500-700 | 500-750 |
| Noise (1m) | dB(A) | 44-54 | 46-56 | 48-56 | 48-56 | 50-56 | 50-56 | 50-57 | 50-57 | 53-59 |
| Noise (10m ) | dB(A) | 24-34 | 26-36 | 28-38 | 28-38 | 30-40 | 30-40 | 33-43 | 33-43 | 35-45 |
| Noise - silence mode (10m) | dB(A) | 24 | 26 | 28 | 28 | 30 | 30 | 33 | 33 | 35 |
| Water Connection | mm | 50 | | | | | | | | |
| Nominal Flow Volume | m3/h | 4,2 | 5,5 | 7,0 | 7,1 | 9,0 | 9,0 | 12,5 | 12,5 | 14,6 |
| Net Dimensions LxWxH | mm | 723x835x865 | 723x835x865 | 770x990x970 | 770x990x970 | 770x990x970 | 770x990x970 | 920x960x1025 | 920x960x1025 | 920x960x1025 |
| Shipping Dimensions LxWxH | mm | 773x885x915 | 773x885x915 | 820x1040x1000 | 820x1040x1000 | 820x1040x1000 | 820x1040x1000 | 970x1010x1075 | 970x1010x1075 | 970x1010x1075 |
| Wifi module | | included | included | included | included | included | included | included | included | included |
| | | | | | | | | | | |
| *provided it is correctly insulated, calculation model : | | | | | | | | | | |
| max vol 7x heating capacity (A15/W25) | | | | | | | | | | |