

Rooftop

- › Easy to install 'plug and play' concept plus single installation configuration; no additional piping is required since indoor and outdoor sides are pre-connected
- › High efficiency and reliable scroll compressor
- › Wide operating range
- › Flat top unit design allows maximum use of warehouse and container space
- › Free cooling and fresh air intake possible with optional economiser
- › Convertible return and supply air: fan can be mounted in two directions
- › Factory pre-charged refrigerant ensures clean and efficient operation
- › Belt driven fan enables air volume and static pressure to be adjusted as required.
- › Adjustable fan pulley as standard to meet a wide range of supply air volumes and external static pressures
- › Anti-corrosion treated coil



| Indoor unit | | | | UATYQ | 250CY1 | 350CY1 | 450CY1 | 550CY1 | 600CY1 | 700CY1 | 900CY1 |
|-------------------------------|--------------------------|-----------|---------------------|---------------|--------|--------|--------|--------|--------|--------|--------|
| Cooling capacity | Nom. | | kW | 27.340 | 35.580 | 44.720 | 55.690 | 66.820 | 72.600 | 90.0 | |
| Heating capacity | Nom. | | kW | 24.910 | 34.790 | 41.790 | 53.930 | 61.690 | 69.610 | 87.9 | |
| Power input | Cooling | Nom. | kW | 8.140 | 10.780 | 13.040 | 16.740 | 19.650 | 21.610 | 28.5 | |
| | Heating | Nom. | kW | 7.330 | 10.840 | 12.860 | 15.540 | 18.580 | 21.420 | 27.9 | |
| EER | | | | 3.36 | 3.30 | 3.43 | 3.33 | 3.40 | 3.36 | 3.16 | |
| COP | | | | 3.40 | 3.21 | 3.25 | 3.47 | 3.32 | 3.25 | 3.15 | |
| Evaporator | Air flow rate | Cooling | m ³ /min | 93.6 | 121.8 | 160.2 | 189.6 | 206.7 | 235.02 | 271.86 | |
| | External static pressure | | Pa | | 147 | | | 206 | | 206 | |
| Evaporator piping connections | Condensation drain size | OD | mm | | | | 25.4 | | | | |
| Condenser | Dimensions | Unit | Height | mm | 1,150 | 1,028 | 1,130 | 1,048 | 1,302 | 1,454 | 1,454 |
| | | | Width | mm | 1,638 | | | 2,209 | | | |
| | | | Depth | mm | 2,063 | | 2,113 | | 2,670 | | |
| Weight | Unit | | kg | 445 | 580 | 610 | 830 | 880 | 1,020 | 1,020 | |
| Casing | Colour | | | Light grey | | | | | | | |
| Air flow rate | Cooling | | cfm | 8,230 | 12,000 | 12,100 | 12,900 | 20,200 | | 21,200 | |
| Operation range | Cooling | Min.-Max. | °CDB | 0~52 | | | | | | | |
| | Heating | Min.-Max. | °CWB | -15~18 | | | | | | | |
| Sound pressure level | Nom. | | dBA | 68 | 64 | 65 | 68 | 70 | | 70 | |
| Sound power level | Nom. | | dBA | 82 | | 83 | 87 | | 90 | | 90 |
| Refrigerant | Type | | | R-410A | | | | | | | |
| | GWP | | | 2,087.5 | | | | | | | |
| Charge | TCO ₂ eq | | | 12.7 | 12.1 | 15 | 18.2 | 21.7 | | 24.2 | |
| | kg | | | 6.1 | 5.8 | 7.2 | 8.7 | 10.4 | | 11.6 | |
| Power supply | Phase/Frequency/Voltage | | Hz/V | 3~/50/380-415 | | | | | | | |

(1) All units are being tested and comply to ISO5151. (2) Sound pressure levels are measured according to JIS B 8616 standard (3) All performance calculations are strictly according to Eurovent standard

Economiser option

| Indoor unit | | | | ECONO | 250AY1 | 350AY1 | 450AY1 | 550AY1 | 600AY1 | 700AY1 | 900AY1 | |
|---------------|---------------|---------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|---------|
| Dimensions | Packed unit | Height | mm | | | | | 534 | | | | |
| | | Width | mm | 1,440 | | 1,430 | | | 1,458 | | 1,460 | |
| | | Depth | mm | 1,144 | | 1,124 | | | 1,564 | | 1,682 | |
| Weight | Unit | | kg | 51 | 42 | 43 | 53 | 54 | 69 | 78 | | |
| Packing | Weight | | kg | 152 | 140 | 141 | 165 | 166 | 181 | 190 | | |
| Fan | Air flow rate | Cooling | Nom. | | l/s | 1,560 | 2,030 | 2,670 | 3,160 | 3,445 | 3,917 | 4,533 |
| | | | | | cfm | 3,300 | 4,300 | 5,650 | 6,700 | 7,300 | 8,300 | 9,604.5 |
| Power supply | Voltage | | V | 24 DC | | | | | | | | |
| Option for | | | | UATYQ250CY1 | UATYQ350CY1 | UATYQ450CY1 | UATYQ550CY1 | UATYQ600CY1 | UATYQ700CY1 | UATYQ900CY1 | | |
| Test Standard | | | | ISO 13253 | | | | | | | | |

Only for sales outside Europe.