



Large Sky Air 20-25kW Advance

RZA-D *SkyAir Advance-series*

R-32 **BLUEVOLUTION**

Large Sky Air system for commercial applications in the most compact casing ever

- › Compact (870mm high) and lightweight single fan design makes the unit unobtrusive, saves space and is easy to install
- › Market leading serviceability and handling thanks to unique hinged door, 7-segment display and additional handle
- › High efficiency: - Energy labels up to A++ (cooling) / A+ (heating) - new compressor offers substantial efficiency improvements
- › Choosing an R32 product, reduces the environmental impact by 68% compared to R-410A, leading directly to lower energy consumption thanks to its high energy efficiency
- › R32 has a lower refrigerant charge than R-410A
- › Replace existing systems with R32 technology without needing to replace the piping
- › Guarantees operation in heating mode down to -15°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature
- › Maximum piping length up to 100m
- › Maximum installation height difference up to 30m
- › Outdoor units for pair, twin, triple, double twin application
- › Can be installed against a wall using standard 600mm brackets



RZA-D

RZA200D / RZA250D

R-32 BLUEEVOLUTION

| Outdoor Units | | | RZA200D | RZA250D |
|----------------------------------|-----------------------|-------------|------------------------------|----------------------|
| Capacity | Nominal Cooling | kW | 19.0 | 22 |
| | Nominal Heating | kW | 22.4 | 23.5 |
| SEER η | | % | 262 | 245 |
| SCOP η | | % | 165 | 170 |
| Dimensions | Height | mm | 870 | 870 |
| | Width | mm | 1100 | 1100 |
| | Depth | mm | 460 | 460 |
| Weight | | kg | Refer to data book | |
| Electrical Details | Power Supply | | 3ph | 3ph |
| | Running Current | A | Refer to data book | |
| | Starting Current | A | Refer to data book | |
| | Max Fuse Size | A | Refer to data book | |
| Interconnection Wiring | Core / Cable size | | 3+E / 1.5 | 3+E / 1.5 |
| Piping Connections | Liquid / Gas | inches (mm) | 3/8 (9.5) / 1 (25.4) | 3/8 (9.5) / 1 (25.4) |
| Pipework | Maximum Length | m | 100 | 100 |
| | Maximum Vertical Rise | m | 30 | 30 |
| | Precharged to | m | 30 | 30 |
| | Additional Charge | g/m | Refer to Installation Manual | |
| | Holding Charge | kg | 5.00 | 5.00 |
| Refrigerant type | | | R32 | R32 |
| Sound Pressure (Cooling) Nominal | | dB(A) | 57 | 57 |
| Sound Pressure (Heating) Nominal | | dB(A) | 59 | 62 |
| Sound Power | | | 78 | 78 |

Possible Combinations

Twin, Triple and Double Twin Combinations

| Outdoor | | | Indoor Type | Material | Remote | Refnet |
|------------------|---------|-------------|-------------------------------|---------------|----------------|----------------|
| 20kW Twin | RZA200D | Three Phase | Cassette | 2 x FCAG100B | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Hi-COP Cassette | 2 x FCAHG100H | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Under Ceiling Cassette | 2 x FUA100A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Wall Mount | 2 x FAA100A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Ceiling Suspended | 2 x FHA100A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Ducted | 2 x FBA100A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| 20kW Triple | RZA200D | Three Phase | Cassette | 3 x FCAG60B | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | 600 x 600 Fully Flat Cassette | 3 x FFA60A9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Ceiling Suspended | 3 x FHA60A9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Ducted | 3 x FBA60A9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Slim Duct | 3 x FDXM60F9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Concealed Floor Standing | 3 x FNA60A9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| 20kW Triple | RZA200D | Three Phase | Cassette | 3 x FCAG71B | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Hi-COP Cassette | 3 x FCAHG71H | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Under Ceiling Cassette | 3 x FUA71A | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Wall Mount | 3 x FAA71A | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Ceiling Suspended | 3 x FHA71A9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| | | | Ducted | 3 x FBA71A9 | 1 x BRC1H519W7 | 1 x KHRQ250H7 |
| 20kW Double Twin | RZA200D | Three Phase | Cassette | 4 x FCAG50B | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | 600 x 600 Fully Flat Cassette | 4 x FFA50A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Ceiling Suspended | 4 x FHA50A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Ducted | 4 x FBA50A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Slim Duct | 4 x FDXM50F9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Concealed Floor Standing | 4 x FNA50A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| 25kW Twin | RZA250D | Three Phase | Cassette | 2 x FCAG125B | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Hi-COP Cassette | 2 x FCAHG125H | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Under Ceiling Cassette | 2 x FUA125A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Ceiling Suspended | 2 x FHA125A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Ducted | 2 x FBA125A | 1 x BRC1H519W7 | 1 x KHRQ22M20T |
| | | | Cassette | 4 x FCAG60B | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| 25kW Double Twin | RZA250D | Three Phase | 600 x 600 Fully Flat Cassette | 4 x FFA60A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Ceiling Suspended | 4 x FHA60A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Ducted | 4 x FBA60A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Slim Duct | 4 x FDXM60F9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
| | | | Concealed Floor Standing | 4 x FNA60A9 | 1 x BRC1H519W7 | 3 x KHRQ22M20T |
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