

# CABINET



Please see pages 31 & 32  
For Controller Options

10,5 kW

14,0 kW

16,0 kW



Integrated  
Wi-Fi Control

YR-HRS01



**The Cabinet** air conditioner offers a stylish vertical alternative to traditional wall-mounted or built-in units, perfect for commercial spaces like offices, hotels, and restaurants. It delivers 3D airflow for superior comfort while operating at low noise levels. With convenient Auto Mode and Auto Restart functions, it combines smart features with A+ efficiency in both cooling and heating modes.

## KEY FEATURES



Silence



3D



Auto Mode



Auto Restart



UVC Sterilisation



| MODEL                                           | Indoor        |           | AP105S2SK1FA(H)      | AP140S2SK1FA(H)      | AP140S2SK1FA(H)      | AP160S2SK1FA(H)      |
|-------------------------------------------------|---------------|-----------|----------------------|----------------------|----------------------|----------------------|
|                                                 | Outdoor       |           | 1U105S2SS2FA         | 1U140S2SN1FA         | 1U140S2SN1FB         | 1U160S2SP1FB         |
| Performance data                                |               |           |                      |                      |                      |                      |
| Output power - COOLING                          | nom (min-max) | kW        | 9,20 (2,50-10,00)    | 13,40 (3,50-14,00)   | 13,40 (3,50-14,00)   | 15,0 (4,5-16,0)      |
| Output power - HEATING                          | nom (min-max) | kW        | 10,00 (3,00-10,50)   | 15,00 (4,00-15,50)   | 15,00 (4,00-15,50)   | 16,0 (5,0-17,0)      |
| Absorbed power – COOLING                        | nom (min-max) | kW        | 3,1 (0,50-4,00)      | 5,83 (1,00-6,50)     | 5,40 (1,00-6,50)     | 6,0 (1,8-6,4)        |
| Absorbed power – HEATING                        | nom (min-max) | kW        | 2,9 (0,50-4,00)      | 5,45 (1,00-6,50)     | 5,43 (1,00-6,50)     | 6,4 (1,6-5,48)       |
| Energy class                                    | EER           | W/W       | 3,00                 | 2,30                 | 2,48                 | 2,5                  |
|                                                 | COP           | W/W       | 3,5                  | 2,75                 | 2,76                 | 3,1                  |
| COOLING Pdesign                                 | 35 °C         | kW        | 9,20                 | 13,40                | 13,40                | 15,0                 |
| HEATING Pdesign                                 | (-10 °C)      | kW        | 7,50                 | 8,50                 | 8,50                 | 11,0                 |
| Energy class                                    | SEER          |           | 6,00 (A++)           | 5,60 (A+)            | 5,66 (A+)            | 5,6 (A+)             |
|                                                 | SCOP          |           | 4,1 (A+)             | 3,93 (A)             | 3,95 (A)             | 4,0 (A+)             |
| Annual Energy Consumption - COOLING             |               | kWh/a     | 531                  | 837                  | 829                  | 880                  |
| Annual Energy Consumption - HEATING             |               | kWh/a     | 2523                 | 3018                 | 3012                 | 3859                 |
| Indoor Unit                                     |               |           |                      |                      |                      |                      |
| Power supply                                    |               | Ph/V/Hz   | 1/220~240/50/60      | 1/220~240/50/60      | 1/220~240/50/60      | 1/220~240/50/60      |
| Treated air volume                              | H/M/L         | m3/h      | 1580/1450/1350       | 1850/1500/1350       | 1850/1500/1350       | 1850/1500/1350       |
| High sound power                                |               | dB        | 63                   | 65                   | 65                   | 67                   |
| Sound pressure                                  |               | dB(A)     | 50/45/42             | 52/49/46             | 52/49/46             | 52/49/46             |
| Net dimensions                                  | WxDxH         | mm        | 600x350x1850         | 600x350x1850         | 600x350x1850         | 600x350x1850         |
| Packaging dimensions                            | WxDxH         | mm        | 693x438x2035         | 693x438x2035         | 693x438x2035         | 693x438x2035         |
| Net/gross weight                                |               | kg        | 50,0/61,0            | 50,0/61,0            | 50,0/61,0            | 50,0/ 61,0           |
| Outdoor Unit                                    |               |           |                      |                      |                      |                      |
| Power supply                                    |               | Ph/V/Hz   | 1/220~240/50/60      | 1/220~240/50/60      | 3/380~415/50/60      | 3/380~415/50/60      |
| Power cable                                     |               | N x mm2   | 3 x 4,0              | 3 x 6,0              | 5 x 4,0              | 5 x 4,0              |
| Interconnection cable                           |               | N x mm2   | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              |
| Sound power                                     | H             | dB        | 66                   | 72                   | 72                   | 74                   |
| Sound pressure                                  | H             | dB(A)     | 53                   | 58                   | 58                   | 58                   |
| Running current cooling/heating                 | Max           | A         | 16,5                 | 30,0                 | 10,0                 | 10,0                 |
| Starting current cooling/heating                | Max           | A         | 3,0                  | 5,0                  | 2,0                  | 2,0                  |
| Net dimensions                                  | WxDxH         | mm        | 920x372x765          | 950x370x965          | 950x370x965          | 950x370x1350         |
| Packaging dimensions                            | WxDxH         | mm        | 1036x478x820         | 1050x485x1130        | 1050x485x1130        | 1050x485x1500        |
| Net/gross weight                                |               | kg        | 60,0/65,0            | 84,0/89,0            | 85,0/90,0            | 101/116              |
| Compressor type                                 |               |           | Twin rotary inverter | Twin rotary inverter | Twin rotary inverter | Twin rotary inverter |
| Installation data                               |               |           |                      |                      |                      |                      |
| Refrigerant                                     |               |           | R32                  | R32                  | R32                  | R32                  |
| Liquid pipe                                     | Ø             | mm (inch) | 9,52 (3/8)           | 9,52 (3/8)           | 9,52 (3/8)           | 9,52 (3/8)           |
| Gas pipe                                        | Ø             | mm (inch) | 15,88 (5/8)          | 15,88 (5/8)          | 15,88 (5/8)          | 19,05 (3/4)          |
| Standard pipe length without refrigerant charge |               | m         | 30                   | 30                   | 30                   | 30                   |
| Maximum pipe length                             |               | m         | 50                   | 70                   | 70                   | 70                   |
| Maximum IU - OU elevation                       |               | m         | 30                   | 30                   | 30                   | 30                   |
| Refrigerant charge in the factory               |               | kg        | 1,7                  | 2,30                 | 2,30                 | 3,5                  |
| Refrigerant charge in the factory               |               | TCO2eq    | 1,15                 | 1,55                 | 1,55                 | 2,36                 |
| Additional ref. charge over std length          |               | g/m       | 45                   | 45                   | 45                   | 60                   |
| Operating limits - COOLING (in/out)             | min-max       | °C        | -20~46               |                      |                      |                      |
| Operating limits - HEATING (in/out)             | min-max       | °C        | -20~24               |                      |                      |                      |

# CABINET



| MODEL                                           | Indoor             |           | AP105S2SK1FA(H)      |  |
|-------------------------------------------------|--------------------|-----------|----------------------|--|
|                                                 | Outdoor <b>NEW</b> |           | 1U105S2SQ1FA         |  |
| Performance data                                |                    |           |                      |  |
| Output power - COOLING                          | nom (min-max)      | kW        | 9,20 (2,50-10,00)    |  |
| Output power - HEATING                          | nom (min-max)      | kW        | 10,00 (3,00-10,50)   |  |
| Absorbed power – COOLING                        | nom (min-max)      | kW        | 3,1 (0,50-4,00)      |  |
| Absorbed power – HEATING                        | nom (min-max)      | kW        | 2,9 (0,50-4,00)      |  |
| Energy class                                    | EER                | W/W       | 3,00                 |  |
|                                                 | COP                | W/W       | 3,50                 |  |
| COOLING Pdesign                                 | 35 °C              | kW        | 9,20                 |  |
| HEATING Pdesign                                 | (-10 °C)           | kW        | 7,50                 |  |
| Energy class                                    | SEER               |           | 6,00 (A++)           |  |
|                                                 | SCOP               |           | 4,10 (A+)            |  |
| Annual Energy Consumption - COOLING             |                    | kWh/a     | 531                  |  |
| Annual Energy Consumption - HEATING             |                    | kWh/a     | 2523                 |  |
| Indoor Unit                                     |                    |           |                      |  |
| Power supply                                    |                    | Ph/V/Hz   | 1/220-240/50/60      |  |
| Treated air volume                              | H/M/L/Q            | m3/h      | 1580/1450/1350       |  |
| High sound power                                |                    | dB        | 63                   |  |
| Sound pressure                                  |                    | dB(A)     | 50/45/42             |  |
| Net dimensions                                  | WxDxH              | mm        | 600x350x1850         |  |
| Packaging dimensions                            | WxDxH              | mm        | 693x438x2035         |  |
| Net/gross weight                                |                    | kg        | 50,0/61,0            |  |
| Outdoor Unit                                    |                    |           |                      |  |
| Power supply                                    |                    | Ph/V/Hz   | 1/220-240/50/60      |  |
| Power cable                                     |                    | N x mm2   | 3 x 4,0              |  |
| Interconnection cable                           |                    | N x mm2   | 4 x 2,5              |  |
| Sound power                                     | H                  | dB        | 68                   |  |
| Sound pressure                                  | H                  | dB(A)     | 54                   |  |
| Running current cooling/heating                 | Max                | A         | 16,5                 |  |
| Starting current cooling/heating                | Max                | A         | 3,0                  |  |
| Net dimensions                                  | WxDxH              | mm        | 950x370x815          |  |
| Packaging dimensions                            | WxDxH              | mm        | 1085x465x850         |  |
| Net/gross weight                                |                    | kg        | 56,0/60,0            |  |
| Compressor type                                 |                    |           | Twin rotary inverter |  |
| Installation data                               |                    |           |                      |  |
| Refrigerant                                     |                    |           | R32                  |  |
| Liquid pipe                                     | Ø                  | mm (inch) | 9,52 (3/8)           |  |
| Gas pipe                                        | Ø                  | mm (inch) | 15,88 (5/8)          |  |
| Standard pipe length without refrigerant charge |                    | m         | 30                   |  |
| Maximum pipe length                             |                    | m         | 50                   |  |
| Maximum IU - OU elevation                       |                    | m         | 30                   |  |
| Refrigerant charge in the factory               |                    | kg        | 1,7                  |  |
| Refrigerant charge in the factory               |                    | TCO2eq    | 1,15                 |  |
| Additional ref. charge over std length          |                    | g/m       | 45                   |  |
| Operating limits - COOLING (in/out)             | min-max            | °C        | -20-46               |  |
| Operating limits - HEATING (in/out)             | min-max            | °C        | -20-24               |  |

|  | AP140S2SK1FA(H)      | AP140S2SK1FA(H)      |
|--|----------------------|----------------------|
|  | 1U140S2SN2FA         | 1U140S2SN2FB         |
|  | 13,40 (3,50-14,00)   | 13,40 (3,50-14,00)   |
|  | 15,00 (4,00-15,50)   | 15,00 (4,00-15,50)   |
|  | 5,83 (1,00-6,50)     | 5,40 (1,00-6,50)     |
|  | 5,45 (1,00-6,50)     | 5,43 (1,00-6,50)     |
|  | 2,30                 | 2,48                 |
|  | 2,75                 | 2,76                 |
|  | 13,40                | 13,40                |
|  | 8,50                 | 8,50                 |
|  | 5,60 (A+)            | 5,66 (A+)            |
|  | 4,00 (A+)            | 4,00 (A+)            |
|  | 837                  | 829                  |
|  | 3018                 | 3012                 |
|  | 1/220-240/50/60      | 1/220-240/50/60      |
|  | 1850/1500/1350       | 1850/1500/1350       |
|  | 65                   | 65                   |
|  | 52/49/46             | 52/49/46             |
|  | 600x350x1850         | 600x350x1850         |
|  | 693x438x2035         | 693x438x2035         |
|  | 50,0/61,0            | 50,0/61,0            |
|  | 1 /220-240/50/60     | 3 /380-415/50/60     |
|  | 3 x 6,0              | 5 x 4,0              |
|  | 4 x 2,5              | 4 x 2,5              |
|  | 74                   | 74                   |
|  | 58                   | 58                   |
|  | 30,0                 | 10,0                 |
|  | 5,0                  | 2,0                  |
|  | 950x370x965          | 950x370x965          |
|  | 1050x485x1130        | 1050x485x1130        |
|  | 68,0/78,0            | 68,0/78,0            |
|  | Twin rotary inverter | Twin rotary inverter |
|  | R32                  | R32                  |
|  | 9,52 (3/8)           | 9,52 (3/8)           |
|  | 15,88 (5/8)          | 15,88 (5/8)          |
|  | 30                   | 30                   |
|  | 70                   | 70                   |
|  | 30                   | 30                   |
|  | 2,50                 | 2,50                 |
|  | 1,68                 | 1,68                 |
|  | 45                   | 45                   |
|  | -20~46               |                      |
|  | -20~24               |                      |