

# Haier

NEW

# CEILING FLOOR



2,5 kW

3,5 kW

5,0 kW

7,1 kW

10,5 kW

12,5 kW

14,0 kW

16,0 kW



Integrated  
Wi-Fi Control



Please see pages 31 & 32  
For Controller Options



**The versatile Ceiling Floor air conditioner range** adapts to any space, mounting effortlessly on ceilings or floors to suit your needs. Ideal for offices and shops, it operates with quiet efficiency and offers 5 adjustable fan speeds for customized comfort. The Fresh Air system ensures continuous ventilation while Flow+ technology optimizes airflow. It combines performance with energy savings with a thin, sleek design and a high resolution LED display.

## KEY FEATURES



Silence



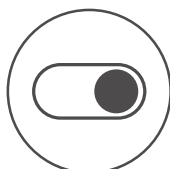
Flow +



5 Speed Fan



Fresh Air



On-Off Card



UVC  
Sterilisation

| EN-378 Install Values |           |
|-----------------------|-----------|
| (≥AC71) CEILING       |           |
| m (kg)                | Sup. (m²) |
| 1,225                 | 0,95      |
| 1,40                  | 1,25      |
| 1,60                  | 1,63      |
| 1,80                  | 2,07      |
| 2,00                  | 2,55      |
| 2,20                  | 3,09      |
| 2,40                  | 3,68      |
| 2,60                  | 4,31      |
| 2,80                  | 5,00      |
| 3,00                  | 5,74      |

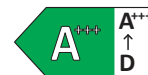
| EN-378 Install Values |           |
|-----------------------|-----------|
| (≥AC71) FLOOR         |           |
| m (kg)                | Sup. (m²) |
| 1,225                 | 12,9      |
| 1,4                   | 16,8      |
| 1,6                   | 22,0      |
| 1,8                   | 27,8      |
| 2,0                   | 34,3      |
| 2,2                   | 41,5      |
| 2,4                   | 49,4      |
| 2,6                   | 58,0      |
| 2,8                   | 67,3      |
| 3,0                   | 77,2      |

| MODEL                                           | Indoor <b>NEW</b> |           | AC25S2SG2FA(H)  | AC35S2SG2FA(H)   | AC50S2SG2FA(H)       | AC71S2SG2FA(H)       |
|-------------------------------------------------|-------------------|-----------|-----------------|------------------|----------------------|----------------------|
|                                                 | Outdoor           |           | 1U25S2SM1FA-2   | 1U35S2SM1FA-2    | 1U50S2SJ2FA-2        | 1U71S2ST1FA          |
| Performance data                                |                   |           |                 |                  |                      |                      |
| Output power - COOLING                          | nom (min-max)     | kW        | 2,5 (0,7-4,3)   | 3,50 (1,00-4,30) | 5,00 (1,40-5,70)     | 7,10 (2,00-7,30)     |
| Output power - HEATING                          | nom (min-max)     | kW        | 3,1 (0,9-4,6)   | 4,00 (1,00-5,30) | 5,80 (1,40-6,00)     | 7,80 (2,50-8,50)     |
| Absorbed power – COOLING                        | nom (min-max)     | kW        | 0,77 (0,25-1,6) | 0,91 (0,30-1,50) | 1,45 (0,50-2,00)     | 1,89 (0,50-2,60)     |
| Absorbed power – HEATING                        | nom (min-max)     | kW        | 0,84 (0,25-1,6) | 1,07 (0,50-1,60) | 1,56 (0,52-2,35)     | 1,95 (0,50-3,10)     |
| Energy class                                    | EER               | W/W       | 3,23            | 3,81             | 3,48                 | 3,75                 |
|                                                 | COP               | W/W       | 3,71            | 3,73             | 3,73                 | 4,00                 |
| COOLING Pdesign                                 | 35 °C             | kW        | 2,5             | 3,50             | 5,00                 | 7,10                 |
| HEATING Pdesign                                 | (-10 °C)          | kW        | 2,8             | 3,00             | 4,40                 | 5,00                 |
| Energy class                                    | SEER              |           | 6,1 (A+++)      | 8,50 (A+++)      | 7,31 (A++)           | 7,15 (A++)           |
|                                                 | SCOP              |           | 4,0 (A+)        | 4,47 (A+)        | 4,10 (A+)            | 4,25 (A+)            |
| Annual Energy Consumption - COOLING             |                   | kWh/a     | 210             | 146              | 240                  | 406                  |
| Annual Energy Consumption - HEATING             |                   | kWh/a     | 1398            | 945              | 1491                 | 1831                 |
| 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/Q           | m3/h      | 580/480/380/280 | 750/620/500/400  | 880/750/650/500      | 1250/1128/930/840    |
| High sound power                                |                   | dB        | 50              | 53               | 57                   | 61                   |
| Sound pressure                                  |                   | dB(A)     | 35/32/28/26     | 39/36/33/30      | 44/41/38/35          | 43/40/38/35          |
| Net dimensions                                  | WxDxH             | mm        | 1000x230x680    | 1000x230x680     | 1000x230x680         | 1325x230x680         |
| Packaging dimensions                            | WxDxH             | mm        | 1100x305x779    | 1100x305x779     | 1100x305x779         | 1425x305x779         |
| Net/gross weight                                |                   | kg        | 26,0/32,0       | 26,0/32,0        | 26,0/32,0            | 33,5/41,9            |
| Outdoor Unit                                    |                   |           |                 |                  |                      |                      |
| Power supply                                    |                   | Ph/V/Hz   | 1/220-240/50    | 1/220-240/50     | 1/220-240/50         | 1/220-240/50/60      |
| Power cable                                     |                   | N x mm2   | 3 x 1,5         | 3 x 1,5          | 3 x 1,5              | 3 x 4,0              |
| Interconnection cable                           |                   | N x mm2   | 4 x 1,0         | 4 x 1,0          | 4 x 1,0              | 4 x 2,5              |
| Sound power                                     | H                 | dB        | 59              | 61               | 63                   | 68                   |
| Sound pressure                                  | H                 | dB(A)     | 47              | 48               | 51                   | 54                   |
| Running current cooling/heating                 | Max               | A         | 8,0             | 8,0              | 10,68                | 13,1                 |
| Starting current cooling/heating                | Max               | A         | 2,0             | 2,0              | 2,0                  | 2,0                  |
| Net dimensions                                  | WxDxH             | mm        | 800x280x553     | 800x280x553      | 820x305x643          | 890x340x705          |
| Packaging dimensions                            | WxDxH             | mm        | 902x375x614     | 902x375x614      | 940x390x697          | 1046x460x780         |
| Net/gross weight                                |                   | kg        | 27,6/30,4       | 30,0/32,9        | 37,8/40,5            | 44,0/48,0            |
| Compressor type                                 |                   |           | Rotary inverter | Rotary inverter  | Twin rotary inverter | Twin rotary inverter |
| Installation data                               |                   |           |                 |                  |                      |                      |
| Refrigerant                                     |                   |           | R32             | R32              | R32                  | R32                  |
| Liquid pipe                                     | Ø                 | mm (inch) | 6,35 (1/4)      | 6,35 (1/4)       | 6,35 (1/4)           | 9,52 (3/8)           |
| Gas pipe                                        | Ø                 | mm (inch) | 9,52 (3/8)      | 9,52 (3/8)       | 12,70 (1/2)          | 15,88 (5/8)          |
| Standard pipe length without refrigerant charge |                   | m         | 7               | 7                | 7                    | 10                   |
| Maximum pipe length                             |                   | m         | 20              | 20               | 25                   | 50                   |
| Maximum IU - OU elevation                       |                   | m         | 10              | 10               | 15                   | 30                   |
| Refrigerant charge in the factory               |                   | kg        | 0,63            | 0,78             | 1,10                 | 1,23                 |
| Refrigerant charge in the factory               |                   | TCO2eq    | 0,43            | 0,53             | 0,74                 | 0,83                 |
| Additional ref. charge over std length          |                   | g/m       | 20              | 20               | 20                   | 45                   |
| Operating limits - COOLING (in/out)             | min-max           | °C        | -20-43          |                  |                      |                      |
| Operating limits - HEATING (in/out)             | min-max           | °C        | -20-24          |                  |                      |                      |

Additional technical specifications on next page



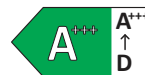
# CEILING FLOOR



| MODEL                                           | Indoor <b>NEW</b> |            | AC105S2SH2FA(H)      | AC105S2SH2FA(H)      | AC125S2SK2FA(H)      | AC125S2SK2FA(H)      |  |
|-------------------------------------------------|-------------------|------------|----------------------|----------------------|----------------------|----------------------|--|
|                                                 | Outdoor           |            | 1U105S2SS2FA         | 1U105S2SS1FB         | 1U125S2SN2FA         | 1U125S2SN2FB         |  |
| Performance data                                |                   |            |                      |                      |                      |                      |  |
| Output power - COOLING                          | nom (min-max)     | kW         | 9,50 (2,50-10,00)    | 9,50 (2,50-10,00)    | 12,30 (3,00-13,00)   | 12,40 (3,00-13,00)   |  |
| Output power - HEATING                          | nom (min-max)     | kW         | 10,20 (3,00-10,50)   | 10,50 (3,00-11,00)   | 12,70 (3,50-13,50)   | 12,80 (3,50-13,50)   |  |
| Absorbed power – COOLING                        | nom (min-max)     | kW         | 3,13 (0,50-4,00)     | 3,25 (0,50-4,00)     | 4,54 (1,00-6,00)     | 4,53 (1,00-6,00)     |  |
| Absorbed power – HEATING                        | nom (min-max)     | kW         | 3,07 (0,50-4,00)     | 3,10 (0,50-4,00)     | 3,96 (1,00-6,00)     | 3,93 (1,00-6,00)     |  |
| Energy class                                    | EER               | W/W        | 3,04                 | 2,90                 | 2,71                 | 2,74                 |  |
|                                                 | COP               | W/W        | 3,32                 | 3,50                 | 3,21                 | 3,26                 |  |
| COOLING Pdesign                                 | 35 °C             | kW         | 9,50                 | 9,50                 | 12,30                | 12,40                |  |
| HEATING Pdesign                                 | (-10 °C)          | kW         | 7,00                 | 6,00                 | 8,00                 | 8,00                 |  |
| Energy class                                    | SEER              |            | 6,11 (A++)           | 6,11 (A++)           | 5,86 (A+)            | 5,86 (A+)            |  |
|                                                 | SCOP              |            | 3,80 (A)             | 3,91 (A)             | 3,97 (A)             | 3,98 (A)             |  |
| Annual Energy Consumption - COOLING             |                   | kWh/a      | 549                  | 557                  | 738                  | 742                  |  |
| Annual Energy Consumption - HEATING             |                   | kWh/a      | 2750                 | 2228                 | 2995                 | 2976                 |  |
| Indoor Unit                                     |                   |            |                      |                      |                      |                      |  |
| Power supply                                    |                   | Ph/V/Hz    | 1/220-240/50/60      | 1/220-240/50/60      | 1/220-240/50/60      | 1/220-230/50/60      |  |
| Treated air volume                              | H/M/L/Q           | m3/h       | 1600/1400/1280/1160  | 1600/1400/1280/1160  | 2050/1900/1600/1400  | 2050/1900/1600/1400  |  |
| High sound power                                |                   | dB         | 61                   | 63                   | 64                   | 64                   |  |
| Sound pressure                                  |                   | dB(A)      | 47/43/41/37          | 47/43/41/37          | 46/43/41/38          | 46/43/41/38          |  |
| Net dimensions                                  | WxDxH             | mm         | 1325x230x680         | 1325x230x680         | 1650x230x680         | 1650x230x680         |  |
| Packaging dimensions                            | WxDxH             | mm         | 1425x305x779         | 1425x305x779         | 1750x305x779         | 1750x305x779         |  |
| Net/gross weight                                |                   | kg         | 33,5/41,9            | 33,5/41,9            | 43,0/51,0            | 43,0/51,0            |  |
| Outdoor Unit                                    |                   |            |                      |                      |                      |                      |  |
| Power supply                                    |                   | Ph/V/Hz    | 1/220-240/50/60      | 3/380-415/50/60      | 1/220-240/ 50/60     | 3/380-415/ 50/60     |  |
| Power cable                                     |                   | N x mm2    | 3 x 4,0              | 5 x 4,0              | 3 x 6,0              | 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                   | 68                   | 72                   | 72                   |  |
| Sound pressure                                  | H                 | dB(A)      | 53                   | 54                   | 58                   | 58                   |  |
| Running current cooling/heating                 | Max               | A          | 16,5                 | 6,8                  | 26,0                 | 10,0                 |  |
| Starting current cooling/heating                | Max               | A          | 3,0                  | 1,0                  | 4,0                  | 2,0                  |  |
| Net dimensions                                  | WxDxH             | mm         | 920x372x765          | 920x372x765          | 950x370x965          | 950x370x965          |  |
| Packaging dimensions                            | WxDxH             | mm         | 1036x478x820         | 1085x485x830         | 1050x485x1130        | 1050x485x1130        |  |
| Net/gross weight                                |                   | kg         | 60,0/65,0            | 61,0/66,0            | 84,0/89,0            | 85,0/90,0            |  |
| 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)          | 15,88 (5/8)          |  |
| Standard pipe length without refrigerant charge |                   | m          | 30                   | 30                   | 30                   | 30                   |  |
| Maximum pipe length                             |                   | m          | 50                   | 50                   | 50                   | 50                   |  |
| Maximum IU - OU elevation                       |                   | m          | 30                   | 30                   | 30                   | 30                   |  |
| Refrigerant charge in the factory               |                   | kg         | 1,70                 | 1,70                 | 2,30                 | 2,30                 |  |
| Refrigerant charge in the factory               |                   | TCO2eq     | 1,15                 | 1,15                 | 1,55                 | 1,55                 |  |
| Additional ref. charge over std length          |                   | g/m        | 45                   | 45                   | 45                   | 45                   |  |
| Operating limits - COOLING (in/out)             |                   | min-max °C | -20-46               | -20-46               | -20-46               | -20-46               |  |
| Operating limits - HEATING (in/out)             |                   | min-max °C | -20-24               | -20-24               | -20-24               | -20-24               |  |

|  | AC140S2SK2FA(H)      | AC140S2SK2FA(H)      | AC140S2SK2FA(H)      | AC140S2SK2FA(H)      | AC160S2SK2FA(H)      |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | 1U140S2SN1FA         | 1U140S2SN1FB         | 1U140S2SP2FA         | 1U140S2SP2FB         | 1U160S2SP1FB         |
|  | 13,4 (3,5 -14,0)     | 13,4 (3,5-14,0)      | 13,6 (4,0-15,0)      | 13,6 (4,0-15,0)      | 16,0 (4,5-16,5)      |
|  | 15,0 (4,0-15,5)      | 15,0 (4,0-15,5)      | 15,0 (4,5-16,0)      | 15,0 (4,5-16,0)      | 17,0 (5,0-18,0)      |
|  | 5,23(1,0-6,5)        | 5,13(1,0-6,5)        | 4,53(1,0-6,0)        | 4,53(1,0-6,0)        | 5,39(1,0-6,5)        |
|  | 5,08(1,0-6,5)        | 4,97(1,0-6,5)        | 4,17(1,0-6,0)        | 4,29(1,0-6,0)        | 4,97(1,0-6,5)        |
|  | 2,56                 | 2,61                 | 3                    | 3                    | 2,97                 |
|  | 2,95                 | 3,02                 | 3,6                  | 3,5                  | 3,42                 |
|  | 13,4                 | 13,4                 | 13,6                 | 13,6                 | 16                   |
|  | 8,5                  | 8,5                  | 10                   | 10                   | 11                   |
|  | 5,92 (A+)            | 5,97 (A+)            | 6,16 (A++)           | 6,18 (A++)           | 6,10 (A+)            |
|  | 3,97 (A)             | 4 (A+)               | 4,06 (A+)            | 4,06 (A+)            | 4,06 (A+)            |
|  | 792                  | 786                  | 761                  | 759                  | 924                  |
|  | 2995                 | 2976                 | 3791                 | 3791                 | 3791                 |
|  | 1/220-240/50/60      | 1/220-240/50/60      | 1/220-240/50/60      | 1/220-240/50/60      | 1/220-240/50/60      |
|  | 2150/1980/1800/1600  | 2150/1980/1800/1600  | 2150/1980/1800/1600  | 2150/1980/1800/1600  | 2250/2000/1850/1650  |
|  | 66                   | 66                   | 66                   | 66                   | 67                   |
|  | 48/46/43/40          | 48/46/43/40          | 48/46/43/40          | 48/46/43/40          | 48/46/43/40          |
|  | 1650x230x680         | 1650x230x680         | 1650x230x680         | 1650x230x680         | 1650x230x680         |
|  | 1750x305x779         | 1750x305x779         | 1750x305x779         | 1750x305x779         | 1750x305x779         |
|  | 43/51                | 43/51                | 43/51                | 43/51                | 43/51                |
|  | 1 /220-240/ 50/60    | 3 /380-415/ 50/60    | 1/220-240/50/60      | 3/380-415/50/60      | 3/380-415/50/60      |
|  | 3 x 6,0              | 5 x 4,0              | 5 x 6,0              | 5 x 4,0              | 5 x 4,0              |
|  | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              |
|  | 72                   | 72                   | 70                   | 70                   | 72                   |
|  | 58                   | 58                   | 53                   | 53                   | 58                   |
|  | 30,0                 | 10,0                 | 32,0                 | 10,0                 | 10,0                 |
|  | 5,0                  | 2,0                  | 6,0                  | 2,0                  | 2,0                  |
|  | 950x370x965          | 950x370x965          | 950x370x1350         | 950x370x1350         | 950x370x1350         |
|  | 1050x485x1130        | 1050x485x1130        | 1050x485x1500        | 1050x485x1500        | 1050x485x1500        |
|  | 84/89                | 85/90                | 105/118              | 101/116              | 101/116              |
|  | Twin Rotary Inverter | Twin Rotary Inverter | Twin Rotary Inverter | Twin Rotary Inverter | Twin Rotary Inverter |
|  | R32                  | R32                  | R32                  | R32                  | R32                  |
|  | 9,52 (3/8)           | 9,52 (3/8)           | 9,52 (3/8)           | 9,52 (3/8)           | 9,52 (3/8)           |
|  | 15,88 (5/8)          | 15,88 (5/8)          | 15,88 (5/8)          | 15,88 (5/8)          | 19,05 (3/4)          |
|  | 30                   | 30                   | 30                   | 30                   | 30                   |
|  | 70                   | 70                   | 70                   | 70                   | 70                   |
|  | 30                   | 30                   | 30                   | 30                   | 30                   |
|  | 2,3                  | 2,3                  | 2,9                  | 3,5                  | 3,5                  |
|  | 1,55                 | 1,55                 | 1,96                 | 2,36                 | 2,36                 |
|  | 45                   | 45                   | 45                   | 45                   | 60                   |
|  | -20-46               | -20-46               | -20-46               | -20-46               | -20-46               |
|  | -20-24               | -20-24               | -20-24               | -20-24               | -20-24               |

# CEILING FLOOR



| MODEL                                           | Indoor <b>NEW</b>  |           | AC71S2SG2FA(H)       | AC105S2SH2FA(H)      | AC125S2SK2FA(H)      |  |
|-------------------------------------------------|--------------------|-----------|----------------------|----------------------|----------------------|--|
|                                                 | Outdoor <b>NEW</b> |           | 1U71S2SR3FA          | 1U105S2SQ1FA         | 1U125S2SN3FA         |  |
| Performance data                                |                    |           |                      |                      |                      |  |
| Output power - COOLING                          | nom (min-max)      | kW        | 7,10 (2,00-8,20)     | 9,50 (2,50-10,00)    | 12,4 0 (3,00-13,00)  |  |
| Output power - HEATING                          | nom (min-max)      | kW        | 7,80 (2,50-8,50)     | 10,50 (3,00-12,50)   | 13,50 (4,00-15,50)   |  |
| Absorbed power – COOLING                        | nom (min-max)      | kW        | 2,21 (0,50-4,00)     | 3,11 (0,50-4,00)     | 4,13 (1,00-6,00)     |  |
| Absorbed power – HEATING                        | nom (min-max)      | kW        | 2,10 (0,50-4,00)     | 3,15 (0,50-4,00)     | 3,85 (1,00-6,00)     |  |
| Energy class                                    | EER                | W/W       | 3,23                 | 3,25                 | 3,00                 |  |
|                                                 | COP                | W/W       | 3,71                 | 3,71                 | 3,50                 |  |
| COOLING Pdesign                                 | 35 °C              | kW        | 7,10                 | 9,50                 | 12,30                |  |
| HEATING Pdesign                                 | (-10 °C)           | kW        | 5,00                 | 7,20                 | 8,30                 |  |
| Energy class                                    | SEER               |           | 6,20 (A++)           | 6,20 (A++)           | 6,10 (A++)           |  |
|                                                 | SCOP               |           | 4,00 (A+)            | 4,05 (A+)            | 4,00 (A+)            |  |
| Annual Energy Consumption - COOLING             |                    | kWh/a     | 406                  | 653                  | 736                  |  |
| Annual Energy Consumption - HEATING             |                    | kWh/a     | 1831                 | 2898                 | 3003                 |  |
| Indoor Unit                                     |                    |           |                      |                      |                      |  |
| Power supply                                    |                    | Ph/V/Hz   | 1/220-240/50/60      | 1/220-240/50/60      | 1/220-240/50/60      |  |
| Treated air volume                              | H/M/L/Q            | m3/h      | 1250/1128/930/840    | 1600/1400/1280/1160  | 2050/1900/1600/1400  |  |
| High sound power                                |                    | dB        | 61                   | 63                   | 64                   |  |
| Sound pressure                                  |                    | dB(A)     | 43/40/38/35          | 46/43/41/37          | 47/43/41/38          |  |
| Net dimensions                                  | WxDxH              | mm        | 1325x230x680         | 1325x230x680         | 1650x230x680         |  |
| Packaging dimensions                            | WxDxH              | mm        | 1425x305x779         | 1425x305x779         | 1750x305x779         |  |
| Net/gross weight                                |                    | kg        | 33,5/41,9            | 33,5/41,9            | 43,0/51,0            |  |
| Outdoor Unit                                    |                    |           |                      |                      |                      |  |
| Power supply                                    |                    | Ph/V/Hz   | 1/220-240/50/60      | 1/220-240/50/60      | 1 /220-240/ 50/60    |  |
| Power cable                                     |                    | N x mm2   | 3 x 4,0              | 3 x 4,0              | 3 x 6,0              |  |
| Interconnection cable                           |                    | N x mm2   | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              |  |
| Sound power                                     | H                  | dB        | 68                   | 68                   | 72                   |  |
| Sound pressure                                  | H                  | dB(A)     | 54                   | 54                   | 58                   |  |
| Running current cooling/heating                 | Max                | A         | 13,1                 | 16,5                 | 26,0                 |  |
| Starting current cooling/heating                | Max                | A         | 2,0                  | 3,0                  | 4,0                  |  |
| Net dimensions                                  | WxDxH              | mm        | 890x340x700          | 950x370x815          | 950x370x965          |  |
| Packaging dimensions                            | WxDxH              | mm        | 985x430x720          | 1085x465x850         | 1050x485x1130        |  |
| Net/gross weight                                |                    | kg        | 37,0/42,0            | 56,0/60,0            | 63,0/73,0            |  |
| Compressor type                                 |                    |           | Twin rotary inverter | Twin rotary inverter | Twin rotary inverter |  |
| Installation data                               |                    |           |                      |                      |                      |  |
| Refrigerant                                     |                    |           | R32                  | R32                  | R32                  |  |
| Liquid pipe                                     | Ø                  | mm (inch) | 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)          |  |
| Standard pipe length without refrigerant charge |                    | m         | 10                   | 30                   | 30                   |  |
| Maximum pipe length                             |                    | m         | 50                   | 50                   | 50                   |  |
| Maximum IU - OU elevation                       |                    | m         | 30                   | 30                   | 30                   |  |
| Refrigerant charge in the factory               |                    | kg        | 1,30                 | 1,70                 | 2,30                 |  |
| Refrigerant charge in the factory               |                    | TCO2eq    | 0,87                 | 1,15                 | 1,55                 |  |
| Additional ref. charge over std length          |                    | g/m       | 45                   | 45                   | 45                   |  |
| Operating limits - COOLING (in/out)             | min-max            | °C        | -20-46               | -20-46               | -20-46               |  |
| Operating limits - HEATING (in/out)             | min-max            | °C        | -20-24               | -20-24               | -20-24               |  |

|  | AC125S2SK2FA(H)      | AC140S2SK2FA(H)      | AC140S2SK2FA(H)      |
|--|----------------------|----------------------|----------------------|
|  | 1U125S2SN3FB         | 1U140S2SN2FA         | 1U140S2SN2FB         |
|  | 12,40 (3,00-13,00)   | 13,4 (3,5 -14,0)     | 13,4 (3,5-14,0)      |
|  | 13,50 (4,00-15,50)   | 15,0 (4,0-15,5)      | 15,0 (4,0-15,5)      |
|  | 4,13 (1,00-6,00)     | 5,23(1,0-6,5)        | 5,13(1,0-6,5)        |
|  | 3,85 (1,00-6,00)     | 5,08(1,0-6,5)        | 4,97(1,0-6,5)        |
|  | 3,00                 | 2,61                 | 2,61                 |
|  | 3,50                 | 3,05                 | 3,05                 |
|  | 12,30                | 13,40                | 13,40                |
|  | 8,30                 | 8,50                 | 8,50                 |
|  | 6,10 (A++)           | 5,97 (A+)            | 5,97 (A+)            |
|  | 4,00 (A+)            | 4,00 (A+)            | 4,00 (A+)            |
|  | 736                  | 792                  | 792                  |
|  | 3003                 | 2995                 | 2995                 |
|  | 1/220-230/50/60      | 1/220-240/50/60      | 1/220-240/50/60      |
|  | 2050/1900/1600/1400  | 2150/1980/1800/1600  | 2150/1980/1800/1600  |
|  | 64                   | 66                   | 66                   |
|  | 47/43/41/38          | 48/46/43/40          | 48/46/43/40          |
|  | 1650x230x680         | 1650x230x680         | 1650x230x680         |
|  | 1750x305x779         | 1750x305x779         | 1750x305x779         |
|  | 43,0/51,0            | 43/51                | 43/51                |
|  | 3 /380-415/ 50/60    | 1 /220-240/ 50/60    | 3 /380-415/ 50/60    |
|  | 3 x 6,0              | 3 x 6,0              | 5 x 4,0              |
|  | 4 x 2,5              | 4 x 2,5              | 4 x 2,5              |
|  | 72                   | 74                   | 74                   |
|  | 58                   | 58                   | 58                   |
|  | 26,0                 | 30,0                 | 10,0                 |
|  | 4,0                  | 5,0                  | 2,0                  |
|  | 950x370x965          | 950x370x965          | 950x370x965          |
|  | 1050x485x1130        | 1050x485x1130        | 1050x485x1130        |
|  | 63,0/73,0            | 68,0/78,0            | 68,0/78,0            |
|  | Twin rotary inverter | Twin Rotary Inverter | Twin Rotary Inverter |
|  | R32                  | R32                  | R32                  |
|  | 9,52 (3/8)           | 9,52 (3/8)           | 9,52 (3/8)           |
|  | 15,88 (5/8)          | 15,88 (5/8)          | 15,88 (5/8)          |
|  | 30                   | 30                   | 30                   |
|  | 50                   | 70                   | 70                   |
|  | 30                   | 30                   | 30                   |
|  | 2,30                 | 2,50                 | 2,50                 |
|  | 1,55                 | 1,68                 | 1,68                 |
|  | 45                   | 45                   | 45                   |
|  | -20-46               | -20-46               | -20-46               |
|  | -20-24               | -20-24               | -20-24               |