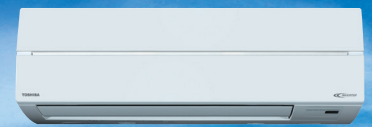


- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 75 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



## Twin-Split Super Digital Inverter

| CODE                                       |   | 50                  | 71               | 100               | 100                 | 125                 | 125                 | 140               |
|--|---|---------------------|------------------|-------------------|---------------------|---------------------|---------------------|-------------------|
| TWIN-SPLIT COMBINATIONS                    |   | HIGH-WALL TWIN      |                  |                   |                     |                     |                     |                   |
| INDOOR UNIT 1                              | RAV-                                      | SM307KRTP-E         | SM407KRTP-E      | SM566KRT-E        | SM566KRT-E          | SM806KRT-E          | SM806KRT-E          | SM806KRT-E        |
| INDOOR UNIT 2                              | RAV-                                      | SM307KRTP-E         | SM407KRTP-E      | SM566KRT-E        | SM566KRT-E          | SM806KRT-E          | SM806KRT-E          | SM806KRT-E        |
| OUTDOOR UNIT                               | RAV-                                      | SP564ATP-E          | SP804ATP-E       | SP1104AT-E        | SP1104AT8-E         | SP1404AT-E          | SP1404AT8-E         | SP1604AT8-E       |
| Cooling Capacity                           | kW  | 5.0 (1.2 - 5.6)     | 7.1 (1.9 - 8.0)  | 10.0 (2.6 - 12.0) | 10.0 (2.6 - 12.0)   | 12.3 (2.6 - 13.5)   | 12.3 (2.6 - 13.5)   | 14.0 (2.6 - 16.0) |
| Heating Capacity                           | kW  | 5.6 (0.9 - 7.3)     | 8.0 (1.3 - 10.6) | 11.2 (2.4 - 13.0) | 11.2 (2.4 - 15.6)   | 14.0 (2.4 - 16.5)   | 14.0 (2.4 - 18.0)   | 16.0 (2.4 - 19.0) |
| UK Total Cooling/Sensible Cooling Capacity | kW  | 4.80/3.40           | 6.70/4.70        | 9.50/7.60         | 9.70/7.40           | 11.90/8.70          |                     | 13.30/9.30        |
| UK Heating Capacity                        | kW  | 3.79                | 5.51             | 7.31              |                     | 9.14                |                     | 10.45             |
| Operating Range Cooling/Heating            | °C  | 43 to -15/15 to -20 |                  |                   | 46 to -15/15 to -20 | 43 to -15/15 to -20 | 46 to -15/15 to -20 |                   |
| Cooling                                    | EER/SEER/ESEER                            | 3.47/5.82/7.30      | 3.21/5.88/7.00   | 3.61/5.60/6.72    | 3.42/5.51/6.62      | 3.17/4.95/5.18      | 3.08/4.95/5.18      | 2.75/4.55/4.77    |
|  | Seasonal Energy Consumption               | kWh/a               | 300              | 422               | 625                 | 635                 | -                   |                   |
|  | Power Consumption/Energy Efficiency Class |                     | 1.44/A+          | 2.21/A+           | 2.77/A+             | 2.92/A              | 3.88/B              | 4.00/B            |
| Heating                                    | COP/SCOP/ES COP                           | 3.73/4.01/5.27      | 3.42/3.87/4.79   | 4.00/3.87/4.66    | 3.93/3.87/5.27      | 3.66/4.00/4.13      | 3.61/4.00/4.13      | 3.28/3.64/3.76    |
|  | Seasonal Energy Consumption               | kWh/a               | 2027             | 2534              | 3903                |                     | -                   |                   |
|  | Power Consumption/Energy Efficiency Class |                     | 1.50/A+          | 2.34/A            | 2.80/A              |                     | 3.83/A              |                   |

### INDOOR UNIT

|  |        |                        |             |             |                        |                |  |  |
|--|--------|------------------------|-------------|-------------|------------------------|----------------|--|--|
| Standard Air Flow H/M/L                      | l/s    | 143/115/83             | 191/145/83  | 233/208/183 |                        | 283/208/183    |  |  |
| Standard Air Flow H/M/L                      | m³/h   | 516/414/300            | 690/522/300 | 840/750/660 |                        | 1020/750/660   |  |  |
| Sound Pressure Level H/M/L                   | dBA    | 41/37/31               | 45/40/30    | 42/39/36    |                        | 47/41/36       |  |  |
| Sound Power Level H/M/L                      | dBA    | 56/52/46               | 60/55/45    | 57/54/51    |                        | 62/56/51       |  |  |
| Height/Width/Depth                           | mm     | 275/790/217            |             |             | 320/1050/228           |                |  |  |
| Total Weight                                 | kg     | 10                     |             |             | 12                     |                |  |  |
| Gas Side                                     | mm - " | 9.5 - 3/8              | 12.7 - 1/2  |             |                        | 15.9 - 5/8     |  |  |
| Liquid Side                                  | mm - " | 6.4 - 1/4              |             |             | 9.5 - 3/8              |                |  |  |
| Drain Port (Inner/Outer)                     | mm     | 14/16                  |             |             |                        |                |  |  |
| Power Cable From Outdoor To Header Indoor    |        |                        |             |             |                        | 3 core + earth |  |  |
| Power Cable Header Indoor To Follower Indoor |        |                        |             |             |                        | 2 core + earth |  |  |
| Remote Controller (Standard Supplied)        |        | WH-L17SE - (Infra-Red) |             |             | WH-L11SE - (Infra-Red) |                |  |  |

### OUTDOOR UNIT

|  |        |                  |             |              |                  |                  |      |                  |
|--|--------|------------------|-------------|--------------|------------------|------------------|------|------------------|
| Standard Air Flow  | l/s    | 667              | 833         | 1683         |                  | 1717             |      |                  |
| Standard Air Flow  | m³/h   | 2400             | 3000        | 6060         |                  | 6180             |      |                  |
| Sound Pressure Level Cooling/Heating                         | dBA    | 47/48            | 48/49       | 49/50        |                  | 51/52            |      |                  |
| Sound Power Level Cooling/Heating                            | dBA    | 63/64            | 64/65       | 66/67        |                  | 68/69            |      |                  |
| Refrigerant Base Charge/Chargeless To                        | kg/m   | 1.4/22           | 2.1/32      |              |                  | 3.1/32           |      |                  |
| Refrigerant Additional Charge Main Liquid Side               | g/m    | 20               |             |              | 40               |                  |      |                  |
| Refrigerant Additional Charge Sub Liquid Side                | g/m    | 20               |             |              | 40               |                  |      |                  |
| Minimum/Maximum Piping Length                                | m      | 5/50             |             |              | 3/50             |                  |      | 40               |
| Height Difference Outdoor To Indoor                          | m      |                  |             |              |                  | ±30              |      |                  |
| Height Difference Indoor To Indoor                           | m      |                  |             |              |                  | ±0.5             |      |                  |
| Branch Pipes Max. Length Main Distributor To Furthest Indoor | m      | 10               |             | 15           |                  | 10               | 15   |                  |
| Max. Subtractive Separation Between Indoors                  | m      |                  |             |              |                  | 10               |      |                  |
| Pipe Connections Gas Side Sub Branch Line To Indoor          | mm - " | 9.5 - 3/8        | 12.7 - 1/2  |              |                  | 15.9 - 5/8       |      |                  |
| Pipe Connections Liquid Side Sub Branch Line To Indoor       | mm - " | 6.4 - 1/4        |             |              | 9.5 - 3/8        |                  |      |                  |
| Pipe Connections Branch-Kit (Sold Separately)                |        | RBC-TWP101E      |             |              |                  |                  |      |                  |
| Pipe Connections Gas Side Main Line To Distributor           | mm - " | 12.7 - 1/2       |             |              |                  | 15.9 - 5/8       |      |                  |
| Pipe Connections Liquid Side Main Line To Distributor        | mm - " | 6.4 - 1/4        |             |              |                  | 9.5 - 3/8        |      |                  |
| Drain Port Connector Hose Inner Diameter                     | mm     | 16               |             |              |                  |                  |      |                  |
| Height/Width/Depth   | mm     | 550/780/290      | 890/900/320 | 1340/900/320 |                  |                  |      |                  |
| Total Weight   | kg     | 44               | 66          | 93           | 95               | 93               | 95   |                  |
| Maximum Run Current  | A      | 6.55             | 9.02        | 10.43        | 3.72             | 15.76            | 5.42 | 6.66             |
| Power Supply   |        | 1 ph 230 V 50 Hz |             |              | 3 ph 400 V 50 Hz | 1 ph 230 V 50 Hz |      | 3 ph 400 V 50 Hz |
| Suggested Fused Supply                                       | A      | 16               |             |              | 10               | 25               | 16   |                  |