

# Accessories

# Model: Misc 103



|                   |               |
|-------------------|---------------|
| Cable Length*     | 3m            |
| Cable Diameter    | 3.3mm         |
| Cable Material    | PVC           |
| Cores             | 2             |
| Probe Diameter    | 6.5mm         |
| Probe Length      | 20mm          |
| Resistive value   | R25 = 10K ±1% |
| Temperature Range | -20°C to 80°C |
| Weight            | 43g           |

\*Can be extended up to 20 metres using twin shielded cable

## Compatibility List

|                 |   |                                  |   |
|-----------------|---|----------------------------------|---|
| DS-SB           | Y | neoStat Ultra                    | Y |
| DS-SB Public    | Y | neoStat WIFI                     | Y |
| DS1-E           | Y | neoStat-e WIFI                   | Y |
| DS1-EL          | Y | SmartStat                        | Y |
| DS1-L           | N | Slimline                         | Y |
| DS1             | N | Slimline-B                       | N |
| DS1 Basic       | N | Slimline-E                       | Y |
| DS1-V2          | Y | Slimline-N                       | Y |
| Edge            | Y | Slimline-HWN                     | N |
| Edge-E          | Y | Slimline-RF                      | Y |
| neoAir          | Y | Touch/V2                         | Y |
| neoStat 12v     | Y | Touch-E/V2                       | Y |
| neoStat-e       | Y | Touch-Duo                        | Y |
| neoStat-hw      | N | Touch-N                          | Y |
| neoStat         | Y | Touch-RF                         | N |
| neoStat Pro     | Y |                                  |   |
| neoStat Touch   | Y | Not compatible with our fan coil |   |
| neoStat Touch-e | Y | HC range.                        |   |

## Wiring: Resistance to Temperature Conversion

| R-T CONVERSION TABLE |             |         |         |           |        |        |        |
|----------------------|-------------|---------|---------|-----------|--------|--------|--------|
| T/°C                 | R25=10K ±1% |         |         | R25=3975K |        |        | T/°C   |
|                      | Rmin        | R00n    | Rmax    | Rmin      | R00n   | Rmax   |        |
| -40                  | 335.811     | 351.495 | 367.875 | -2        | 35.686 | 36.517 | 37.363 |
| -39                  | 314.029     | 328.472 | 343.546 | -1        | 33.894 | 34.665 | 35.450 |
| -38                  | 293.860     | 307.310 | 320.988 | 0         | 32.203 | 32.919 | 33.646 |
| -37                  | 275.015     | 287.279 | 300.060 | 1         | 30.607 | 31.270 | 31.945 |
| -36                  | 257.552     | 268.859 | 280.635 | 2         | 29.099 | 29.715 | 30.340 |
| -35                  | 241.313     | 251.741 | 262.595 | 3         | 27.674 | 28.246 | 28.826 |
| -34                  | 226.204     | 235.826 | 245.832 | 4         | 26.328 | 26.858 | 27.396 |
| -33                  | 212.141     | 221.021 | 230.250 | 5         | 25.055 | 25.547 | 26.045 |
| -32                  | 199.044     | 207.242 | 215.757 | 6         | 23.851 | 24.307 | 24.769 |
| -31                  | 186.841     | 194.412 | 202.270 | 7         | 22.712 | 23.135 | 23.563 |
| -30                  | 175.465     | 182.460 | 189.714 | 8         | 21.634 | 22.026 | 22.423 |
| -29                  | 164.856     | 171.320 | 178.019 | 9         | 20.614 | 20.977 | 21.345 |
| -28                  | 154.957     | 160.932 | 167.120 | 10        | 19.650 | 19.987 | 20.327 |
| -27                  | 145.716     | 151.241 | 156.959 | 11        | 18.733 | 19.044 | 19.359 |
| -26                  | 137.086     | 142.196 | 147.481 | 12        | 17.865 | 18.154 | 18.445 |
| -25                  | 129.022     | 133.759 | 138.636 | 13        | 17.043 | 17.310 | 17.579 |
| -24                  | 121.485     | 125.899 | 130.378 | 14        | 16.264 | 16.510 | 16.789 |
| -23                  | 114.435     | 118.485 | 122.665 | 15        | 15.524 | 15.752 | 15.982 |
| -22                  | 107.840     | 111.589 | 115.457 | 16        | 14.823 | 15.034 | 15.246 |
| -21                  | 101.667     | 105.139 | 108.718 | 17        | 14.157 | 14.352 | 14.548 |
| -20                  | 95.886      | 99.102  | 102.415 | 18        | 13.525 | 13.705 | 13.885 |
| -19                  | 90.471      | 93.450  | 96.518  | 19        | 12.925 | 13.090 | 13.257 |
| -18                  | 85.395      | 88.156  | 90.997  | 20        | 12.354 | 12.507 | 12.660 |
| -17                  | 80.636      | 83.195  | 85.826  | 21        | 11.813 | 11.953 | 12.094 |
| -16                  | 76.173      | 78.544  | 80.982  | 22        | 11.298 | 11.427 | 11.557 |
| -15                  | 71.984      | 74.183  | 76.441  | 23        | 10.808 | 10.927 | 11.046 |
| -14                  | 68.052      | 70.091  | 72.184  | 24        | 10.342 | 10.452 | 10.563 |
| -13                  | 64.359      | 66.250  | 68.189  | 25        | 9.900  | 10.000 | 10.100 |
| -12                  | 60.889      | 62.443  | 64.441  | 26        | 9.470  | 9.570  | 9.670  |
| -11                  | 57.628      | 59.255  | 60.922  | 27        | 9.064  | 9.164  | 9.260  |
| -10                  | 54.562      | 56.071  | 57.617  | 28        | 8.672  | 8.771  | 8.871  |
| -9                   | 51.677      | 53.076  | 54.511  | 29        | 8.302  | 8.401  | 8.499  |
| -8                   | 48.963      | 50.263  | 51.592  | 30        | 7.950  | 8.048  | 8.146  |
| -7                   | 46.408      | 47.614  | 48.847  | 31        | 7.615  | 7.712  | 7.809  |
| -6                   | 44.002      | 45.121  | 46.264  | 32        | 7.295  | 7.391  | 7.488  |
| -5                   | 41.735      | 42.774  | 43.834  | 33        | 6.991  | 7.086  | 7.182  |
| -4                   | 39.599      | 40.563  | 41.547  | 34        | 6.702  | 6.795  | 6.890  |
| -3                   | 37.586      | 38.480  | 39.392  | 35        | 6.425  | 6.518  | 6.612  |

| R-T CONVERSION TABLE |             |       |       |           |       |       |       |
|----------------------|-------------|-------|-------|-----------|-------|-------|-------|
| T/°C                 | R25=10K ±1% |       |       | R25=3975K |       |       | T/°C  |
|                      | Rmin        | R00n  | Rmax  | Rmin      | R00n  | Rmax  |       |
| 36                   | 6.162       | 6.254 | 6.346 | 74        | 1.478 | 1.521 | 1.566 |
| 37                   | 5.911       | 6.001 | 6.092 | 75        | 1.429 | 1.471 | 1.515 |
| 38                   | 5.672       | 5.761 | 5.850 | 76        | 1.382 | 1.423 | 1.466 |
| 39                   | 5.443       | 5.531 | 5.619 | 77        | 1.336 | 1.377 | 1.419 |
| 40                   | 5.225       | 5.311 | 5.398 | 78        | 1.293 | 1.332 | 1.373 |
| 41                   | 5.017       | 5.102 | 5.188 | 79        | 1.251 | 1.289 | 1.329 |
| 42                   | 4.818       | 4.902 | 4.986 | 80        | 1.210 | 1.248 | 1.287 |
| 43                   | 4.628       | 4.710 | 4.794 | 81        | 1.171 | 1.208 | 1.246 |
| 44                   | 4.447       | 4.528 | 4.609 | 82        | 1.134 | 1.170 | 1.207 |
| 45                   | 4.274       | 4.353 | 4.433 | 83        | 1.098 | 1.133 | 1.170 |
| 46                   | 4.108       | 4.186 | 4.265 | 84        | 1.063 | 1.097 | 1.133 |
| 47                   | 3.950       | 4.026 | 4.104 | 85        | 1.029 | 1.063 | 1.098 |
| 48                   | 3.799       | 3.874 | 3.950 | 86        | 0.997 | 1.030 | 1.064 |
| 49                   | 3.654       | 3.728 | 3.802 | 87        | 0.966 | 0.998 | 1.032 |
| 50                   | 3.515       | 3.588 | 3.661 | 88        | 0.936 | 0.968 | 1.000 |
| 51                   | 3.383       | 3.454 | 3.526 | 89        | 0.907 | 0.938 | 0.970 |
| 52                   | 3.256       | 3.326 | 3.396 | 90        | 0.879 | 0.909 | 0.941 |
| 53                   | 3.135       | 3.203 | 3.272 | 91        | 0.852 | 0.882 | 0.912 |
| 54                   | 3.019       | 3.085 | 3.153 | 92        | 0.826 | 0.855 | 0.885 |
| 55                   | 2.907       | 2.973 | 3.039 | 93        | 0.801 | 0.829 | 0.859 |
| 56                   | 2.801       | 2.865 | 2.930 | 94        | 0.777 | 0.805 | 0.833 |
| 57                   | 2.699       | 2.761 | 2.825 | 95        | 0.753 | 0.781 | 0.809 |
| 58                   | 2.601       | 2.662 | 2.724 | 96        | 0.731 | 0.758 | 0.785 |
| 59                   | 2.507       | 2.567 | 2.628 | 97        | 0.709 | 0.735 | 0.762 |
| 60                   | 2.417       | 2.476 | 2.535 | 98        | 0.688 | 0.714 | 0.740 |
| 61                   | 2.330       | 2.388 | 2.447 | 99        | 0.668 | 0.693 | 0.719 |
| 62                   | 2.248       | 2.304 | 2.361 | 100       | 0.648 | 0.673 | 0.698 |
| 63                   | 2.168       | 2.223 | 2.280 |           |       |       |       |
| 64                   | 2.092       | 2.146 | 2.201 |           |       |       |       |
| 65                   | 2.019       | 2.072 | 2.126 |           |       |       |       |
| 66                   | 1.949       | 2.000 | 2.053 |           |       |       |       |
| 67                   | 1.881       | 1.932 | 1.984 |           |       |       |       |
| 68                   | 1.817       | 1.866 | 1.917 |           |       |       |       |
| 69                   | 1.754       | 1.803 | 1.852 |           |       |       |       |
| 70                   | 1.695       | 1.742 | 1.790 |           |       |       |       |
| 71                   | 1.637       | 1.684 | 1.731 |           |       |       |       |
| 72                   | 1.582       | 1.627 | 1.674 |           |       |       |       |
| 73                   | 1.529       | 1.573 | 1.619 |           |       |       |       |

## Product Dimensions (mm)

