

# Blow Gun VMG Series

RoHS



## How to Order

VMG 1 1 W - 02 - 32 - C

### Piping entry

|   |        |
|---|--------|
| 1 | Bottom |
| 2 | Top    |

### Body color

|    |           |
|----|-----------|
| W  | White     |
| BU | Dark blue |

### Connection size

| Symbol | Piping connection method      | Size and model no.         |
|--------|-------------------------------|----------------------------|
| 02     | Threaded                      | Rc1/4                      |
| 03     |                               | Rc3/8                      |
| N02    |                               | NPT1/4                     |
| N03    |                               | NPT3/8                     |
| F02    |                               | G1/4                       |
| F03    |                               | G3/8                       |
| 11     |                               | S coupler plug             |
| 12     | KK4P-02MS<br>KK130P-02MS      |                            |
| H06    | Metric size One-touch fitting | Model no. of fitting used  |
| H08    |                               | KQ2H06-02AS<br>KQ2H08-02AS |
| H10    |                               | KQ2H10-02AS                |
| H07    | Inch size One-touch fitting   | Model no. of fitting used  |
| H09    |                               | KQ2H07-35AS<br>KQ2H09-35AS |
| H11    |                               | KQ2H11-35AS                |

Note 1) S coupler and fitting are included in the same package.

Note 2) Port size is Rc1/4 if using the S coupler plug.

Note 3) The blow gun port size is Rc1/4 if using the metric size One-touch fitting.

Note 4) The blow gun port size is NPT1/4 if using the inch size One-touch fitting.

With nozzle cover (Only for male thread nozzle, ø6 extension nozzle)

|     |                                |
|-----|--------------------------------|
| Nil | None                           |
| C   | With nozzle cover/HNBR         |
| CF  | With nozzle cover/Fluororubber |

### Nozzle

| Symbol | Type                              | Nozzle size    | Nozzle part no. |
|--------|-----------------------------------|----------------|-----------------|
| Nil    |                                   | Without nozzle |                 |
| 01     | Male thread nozzle                | ø1             | KN-R02-100      |
| 02     |                                   | ø1.5           | KN-R02-150      |
| 03     |                                   | ø2             | KN-R02-200      |
| 04     |                                   | ø2.5           | KN-R02-250      |
| 05     |                                   | ø3             | VMG1-R02-300    |
| 06     |                                   | ø3.5           | VMG1-R02-350    |
| 07     |                                   | ø4             | VMG1-R02-400    |
| 11     | High efficiency nozzle            | ø1             | KNH-R02-100     |
| 12     |                                   | ø1.5           | KNH-R02-150     |
| 13     |                                   | ø2             | KNH-R02-200     |
| 21     | Low noise nozzle with male thread | ø0.75 x 4      | KNS-R02-075-4   |
| 22     |                                   | ø0.9 x 8       | KNS-R02-090-8   |
| 23     |                                   | ø1 x 8         | KNS-R02-100-4   |
| 24     |                                   | ø1.1 x 8       | KNS-R02-110-8   |

### Extension nozzle

| Symbol | Type                              | Nozzle length | Nozzle size     | Nozzle part no. |
|--------|-----------------------------------|---------------|-----------------|-----------------|
| 31     | ø6 copper extension nozzle (Note) | 300 mm        | ø1.5            | VMG1-06-150-300 |
| 32     |                                   |               | ø2              | VMG1-06-200-300 |
| 33     |                                   | 600 mm        | ø1.5            | VMG1-06-150-600 |
| 34     |                                   |               | ø2              | VMG1-06-200-600 |
| 35     |                                   | 100 mm        | ø1.5            | VMG1-06-150-100 |
| 36     |                                   |               | ø2              | VMG1-06-200-100 |
| 37     | 150 mm                            | ø1.5          | VMG1-06-150-150 |                 |
| 38     |                                   | ø2            | VMG1-06-200-150 |                 |
| 41     | ø8 copper extension nozzle (Note) | 100 mm        | ø2.5            | VMG1-08-250-100 |
| 42     |                                   |               | ø3              | VMG1-08-300-100 |
| 43     |                                   |               | ø3.5            | VMG1-08-350-100 |
| 44     |                                   | 150 mm        | ø2.5            | VMG1-08-250-150 |
| 45     |                                   |               | ø3              | VMG1-08-300-150 |
| 46     |                                   |               | ø3.5            | VMG1-08-350-150 |
| 47     |                                   | 300 mm        | ø2.5            | VMG1-08-250-300 |
| 48     |                                   |               | ø3              | VMG1-08-300-300 |
| 49     |                                   |               | ø3.5            | VMG1-08-350-300 |
| 50     |                                   | 600 mm        | ø2.5            | VMG1-08-250-600 |
| 51     |                                   |               | ø3              | VMG1-08-300-600 |
| 52     |                                   |               | ø3.5            | VMG1-08-350-600 |

Note) Part number for set of extension nozzle and fitting. Extension nozzle and fitting are included in the same package.

Refer to "How to attach extension nozzle" in the operation manual for assembly procedures.

## Specifications

|  |  |     |
|--|--|-----|
| Fluid  | Air  |     |
| Operating pressure range                         | 0 to 1.0 MPa   |     |
| Proof pressure                                   | 1.5 MPa  |     |
| Ambient and fluid temperature                    | -5 to 60°C (No freezing)   |     |
| Flow rate characteristics (With nozzle removed)  | C (dm <sup>3</sup> /s·bar): 6.0, b: 0.25 (Effective area: 30 mm <sup>2</sup> ) |     |
| Port size  | Rc, NPT, G 1/4, 3/8  |     |
| Piping entry                                     | Bottom   | Top |
| Nozzle port size                                 | Rc1/4  |     |
| Weight (Main unit only)                          | 165 g  |     |
| Operational force (when the valve is fully open) | 7 N  |     |