

## Manifold



### Ordering code

Ordering code for manifold

**3V100M 5F T**

①

②

③

① **Model**

3V100M: 100 Series manifold  
3V200M: 200 Series manifold  
3V300M: 300 Series manifold

② **Number of stations** [Note1]

1F: 1 station  
2F: 2 station  
3F: 3 station  
.....  
16F: 16 station

③ **Thread type**

T: NPT

Ordering code for blank plate

**P-3V100M-R2**

①

②

③

① **Kits**

P: Kits

② **Model**

3V100M: 100 Series manifold  
3V200M: 200 Series manifold  
3V300M: 300 Series manifold

③ **Code**

R2: Blank plate for manifold

- [Note] 1. Ordering code contains the two parts of the manifold's and the blank plate's.  
2. Manifold kits contains manifold, seal and screw.  
3. Blank plate kits contains blank plate, and screw.

### Specification

| Item \ Manifold Model    | 100M                                       | 200M         | 300M         |
|--------------------------|--|--------------|--------------|
| Fluid                    | Air(to be filtered by 40µm filter element) |              |              |
| Temperature              | -20~70°C                                   |              |              |
| Adoptable valve's series | 3V100 Series                               | 3V200 Series | 3V300 Series |

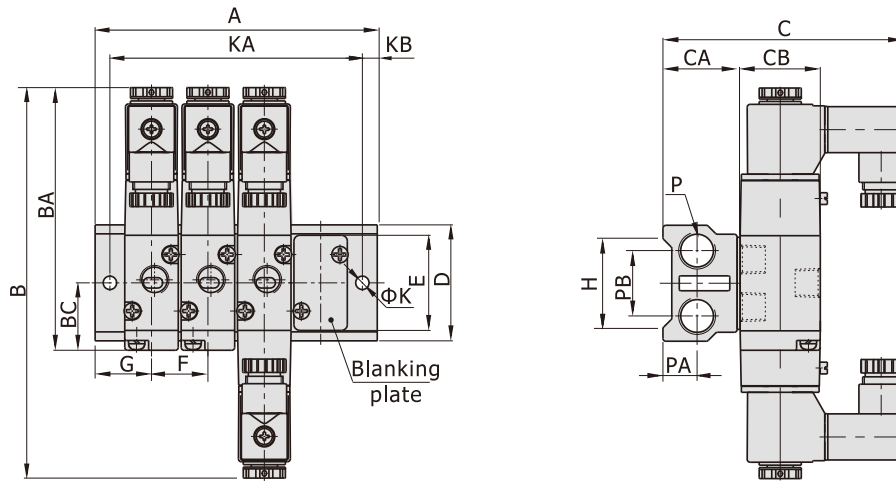
### Product feature

1. It is available to integrate the direction control valves of the same series to form valve group to save space and cost;
2. It is easy to examine when there are faults owing to the unified air intake and exhaust and unified wiring;
3. Flexible combination and strong expansion capability can make any combination or expansion of the numbers of direction control valves that are connected.

## Manifold

### Dimensions

With 3V solenoid valve



[Unit: mm]

| Model\Item | B     | BA   | BC   | C    | CA | CB | D  | E  | F  | G  | H  | K   | KB | P    | PA   | PB |
|------------|-------|------|------|------|----|----|----|----|----|----|----|-----|----|------|------|----|
| 3V100M     | 131.5 | 88.5 | 22.7 | 81   | 26 | 27 | 39 | 32 | 19 | 19 | 30 | 4.5 | 5  | 1/4" | 11.5 | 22 |
| 3V200M     | 162.5 | 109  | 27.7 | 92.5 | 26 | 35 | 45 | 40 | 23 | 23 | 35 | 4.5 | 6  | 1/4" | 11.5 | 25 |
| 3V300M     | 175   | 120  | 32.5 | 99   | 30 | 40 | 52 | 47 | 28 | 27 | 42 | 4.5 | 6  | 3/8" | 13.5 | 28 |

| Model\Item | A  |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|            | 1F | 2F | 3F  | 4F  | 5F  | 6F  | 7F  | 8F  | 9F  | 10F | 11F | 12F | 13F | 14F | 15F | 16F |
| 3V100M     | 38 | 57 | 76  | 95  | 114 | 133 | 152 | 171 | 190 | 209 | 228 | 247 | 266 | 285 | 304 | 323 |
| 3V200M     | 46 | 69 | 92  | 115 | 138 | 161 | 184 | 207 | 230 | 253 | 276 | 299 | 322 | 345 | 368 | 391 |
| 3V300M     | 54 | 82 | 110 | 138 | 166 | 194 | 222 | 250 | 278 | 306 | 334 | 362 | 390 | 418 | 446 | 474 |

| Model\Item | KA |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|            | 1F | 2F | 3F | 4F  | 5F  | 6F  | 7F  | 8F  | 9F  | 10F | 11F | 12F | 13F | 14F | 15F | 16F |
| 3V100M     | 28 | 47 | 66 | 85  | 104 | 123 | 142 | 161 | 180 | 199 | 218 | 237 | 256 | 275 | 294 | 313 |
| 3V200M     | 34 | 57 | 80 | 103 | 126 | 149 | 172 | 195 | 218 | 241 | 264 | 287 | 310 | 333 | 356 | 379 |
| 3V300M     | 42 | 70 | 98 | 126 | 154 | 182 | 210 | 238 | 266 | 294 | 322 | 350 | 378 | 406 | 434 | 462 |