




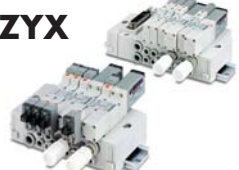






Vacuum Selection

| | Page No. |
|---|----------|
| Selecting of vacuum system, vacuum ejector, pad type and typical circuit. | 1460 |

Vacuum Ejector

| Series | | Page No. |
|----------------|--|-------------------------------|
| ZU |  <p>In-line vacuum ejector</p> <ul style="list-style-type: none"> • Nozzle diameter: $\varnothing 0.5$, $\varnothing 0.7$ • Vacuum port and supply port are located in-line to facilitate piping • Built-in One-touch fitting (Copper free) | 1462 |
| ZH |  <p>Vacuum ejector</p> <ul style="list-style-type: none"> • Nozzle diameter: $\varnothing 0.5$, $\varnothing 0.7$, $\varnothing 1.0$, $\varnothing 1.3$, $\varnothing 1.5$, $\varnothing 1.8$, $\varnothing 2.0$ • Composite resin nozzle and body • Available in 2 types: box type and direct piping type | 1464 |
| EZM |  <p>Vacuum ejector</p> <ul style="list-style-type: none"> • Valve and switch are unitized • Adaptable for manifold applications • Maximum suction flow rate increased 40% • Max. vacuum pressure -84 kPa $\{-630$ mmHg$\}$ | 1470 |
| ZMA |  <p>Vacuum ejector with solid state timer</p> <ul style="list-style-type: none"> • Incorporates solid state timer function for release valve control (timer setting with PLC is unnecessary) • Allows sharing of switch/valve power supply, and single line for suction signal (valve wiring is unnecessary) • Timer can be easily adjusted without programming | See Best Pneumatics catalogue |
| ZL |  <p>Multistage ejector</p> <ul style="list-style-type: none"> • Suction flow rate increased by a 3 stage diffuser construction • Functions such as a digital vacuum switch or a vacuum pressure gauge can be selected | 1479 |
| ZYY/ZYX |  <p>Ejector valve unit</p> <ul style="list-style-type: none"> • Ejector valve unit suitable for vacuum adsorption systems • A combination of solenoid valve for cylinder drive, etc + vacuum ejector | See Best Pneumatics catalogue |




Vacuum Module

| Series | | Page No. |
|-----------|---|----------|
| ZX |  <p>Vacuum module</p> <ul style="list-style-type: none"> • Optimal for electronic parts or small precision parts weighing up to 100 g • Supports the ejector system and the vacuum pump system • Modular design • Adaptable for manifold applications | 1484 |
| ZR |  <p>Large size vacuum module</p> <ul style="list-style-type: none"> • Necessary functions can be combined through modular design • Adaptable for manifold applications • Functions such as a digital vacuum switch or a solenoid valve can be selected • Supports the ejector system and the vacuum pump system • Double solenoids provide a self-holding function | 1485 |










Air Suction Filter

| Series | | Page No. |
|------------|--|----------|
| ZFA |  <p>Air suction filter</p> <ul style="list-style-type: none"> Prevents problems related to vacuum circuits or airborne contaminants Provides a large filter element surface | 1486 |
| ZFB |  <p>Air suction filter with one-touch fittings</p> <ul style="list-style-type: none"> Prevents problems related to vacuum circuits or airborne contaminants Piping tube can be connected and disconnected with one touch | 1489 |
| ZFC |  <p>Air suction filter in-line type with one-touch fittings</p> <ul style="list-style-type: none"> IN/OUT straight piping One-touch fittings for easy installation and removal Lightweight molded resin parts Cartridge type element replacement | 1491 |

Vacuum Pad


| Series | | Page No. |
|----------------|--|----------|
| ZP |  <p>Vacuum pad</p> <ul style="list-style-type: none"> A variety of models accommodate a wide range of applications Pad type: Flat, Flat with ribs, Deep, Bellows Pad diameter: ø2 to ø125, Made to Order = ø150 to ø250 | 1493 |
| ZPT/ZPX |  <p>Vacuum pad: Large/Heavy duty type</p> <ul style="list-style-type: none"> Ideal for heavy weight material or objects with a large surface area Example: CRT, Car body Pad diameter: ø40, ø50, ø63, ø80, ø100, ø125 | 1523 |
| ZPT/ZPX |  <p>Vacuum pad: Large size bellows type</p> <ul style="list-style-type: none"> Ideal for loads with a curved surface, heavy weight loads and loads with large surface area Pad diameter: ø40, ø50, ø63, ø80, ø100, ø125 | 1523 |
| ZPT/ZPR |  <p>Vacuum pad: Ball joint type</p> <ul style="list-style-type: none"> Ball joint type ideal for use on slanted work surface Pad diameter: ø10, ø13, ø16, ø20, ø25, ø32, ø40, ø50 | 1527 |

Free Mount Cylinder for Vacuum



| Series | | Page No. |
|-------------|---|----------|
| ZCUK |  <p>Vacuum Compact Cylinder</p> <ul style="list-style-type: none"> In the rectangular, compact cylinder Series CU with a high level of mounting precision, a vacuum passage is provided to facilitate the mounting of a vacuum pad and to save space. Standard vacuum pads (ø2 to ø50) can be mounted | 1537 |



Drain Separator for vacuum

| Series | Page No. |
|--|----------|
| <p>AMJ</p>  <p>Drain separator for vacuum</p> <ul style="list-style-type: none"> Remove water droplets from air by simply installing in vacuum equipment connection line. Effective for removing water droplets from the air sucked into vacuum pumps and ejectors, etc. | 1542 |

Vacuum System Peripherals and Related Products

| Series | Page No. |
|---|----------|
| <p>IRV</p>  <p>Vacuum Regulator</p> <ul style="list-style-type: none"> Direct operated vacuum pressure adjustment valve that regulates the vacuum pressure. | 1201 |
| <p>ITV2090</p>  <p>Electro-pneumatic Regulator</p> <ul style="list-style-type: none"> Controls the vacuum pressure in accordance with external electric signals. | 1215 |

