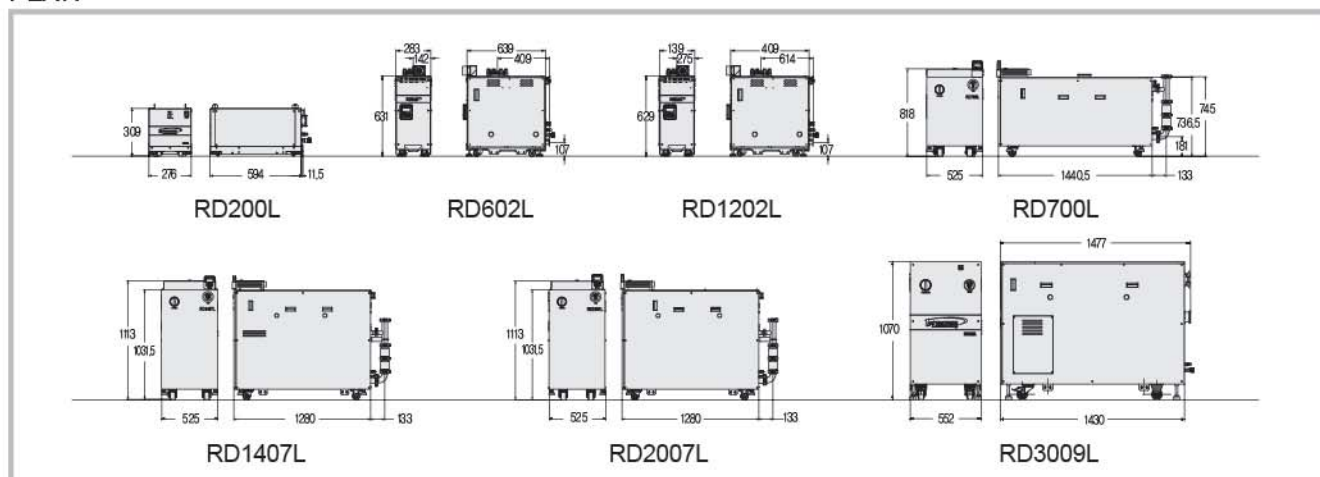


## ORDERING INFORMATION

| Voltage | RD200L    | RD602L    | RD1202L   | RD700L    | RD707L    | RD1407L   | RD2007L   | RD3009L   |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 220 V   | R2200001L | -         | R230B011L | R7000000L | R7002000L | R7003000L | R7004000L | R9006000L |
| 380 V   | -         | R231A011L | -         | R7010000L | R7012000L | R7013000L | R7014000L | R9016000L |
| 440 V   | -         | -         | -         | R7020000L | R7022000L | R7023000L | R7024000L | R9026000L |

## PLAN



## TECHNICAL DATA

|  | Unit               | RD200L                             | RD602L                    | RD700L                    | RD707L                    | RD1407L         | RD2007L     | RD900         | RD3009L         | RD3010L |
|--|--------------------|------------------------------------|---------------------------|---------------------------|---------------------------|-----------------|-------------|---------------|-----------------|---------|
| Pumping speed  | m <sup>3</sup> /hr | 180                                | 600                       | 650                       | 900                       | 2,000           | 3,000       | 850           | 3,500           | 3,600   |
|  | ℓ/min              | 3,000                              | 10,000                    | 11,000                    | 15,000                    | 33,000          | 50,000      | 14,000        | 58,000          | 60,000  |
| Ultimate pressure  | Torr               | $\leq 9.9 \times 10^{-3}$          | $\leq 5.0 \times 10^{-3}$ | $\leq 5.0 \times 10^{-2}$ | $\leq 5.0 \times 10^{-3}$ |                 |             |               |                 |         |
|  | Pa                 | $\leq 1.33 \times 10^{-6}$         | $\leq 6.6 \times 10^{-1}$ | $\leq 6.6 \times 10^{-6}$ | $\leq 6.6 \times 10^{-1}$ |                 |             |               |                 |         |
| Maximum exhaust pressure                                   | bar (psig)         | 1.5 (7.2)                          |                           |                           |                           |                 |             |               |                 |         |
| Nitrogen supply pressure (Option)                          | bar (psig)         | -                                  |                           |                           |                           |                 |             |               |                 |         |
| Internal purge-gas pressure (Option)                       | bar (psig)         | -                                  |                           |                           |                           |                 |             |               |                 |         |
| Nitrogen consumption (ETCH)(Option)                        | slm                | -                                  |                           |                           |                           |                 |             |               |                 |         |
| Nitrogen consumption (CVD)(Option)                         | slm                | -                                  |                           |                           |                           |                 |             |               |                 |         |
| Nitrogen connection (Option)                               | inch               | -                                  |                           |                           |                           |                 |             |               |                 |         |
| Cooling water consumption                                  | ℓ/min              | $\geq 3$                           |                           |                           | $\geq 6$                  |                 |             |               |                 |         |
| Cooling water supply temp                                  | °C (°F)            | 15 ~ 25 (59 ~ 77)                  |                           |                           |                           |                 |             |               |                 |         |
| Cooling water supply pressure (with $\Delta P \geq 1$ bar) | bar (psig)         | 3.5 ~ 9 (36 ~ 73)                  |                           |                           |                           |                 |             |               |                 |         |
| Cooling water connection                                   | inch               | 1/4" Quick Connector               |                           |                           | 3/8" Quick Connector      |                 |             |               |                 |         |
| Intake port  | mm                 | 50 ISO-K                           | 100 ISO-K                 |                           |                           | 160 ISO-F       | 200 ISO-F   | 100 ISO-F     | 250 ISO-F       |         |
| Exhaust port   | mm                 | 25 ISO-KF                          | 40 ISO-KF                 | 50 ISO-KF                 |                           |                 | 63 ISO-KF   |               | 63 ISO-K        |         |
| Dimension (W×L×H)  | mm <sup>3</sup>    | 276×594×308                        | 283×639×631               | 525×1,440×818             |                           | 525×1,280×1,113 |             | 555×1,435×750 | 552×1,428×1,070 |         |
| Weight   | kg (lbs)           | 95 (209)                           | 165 (364)                 | 570 (1,257)               | 700 (1,543)               | 810 (1,786)     | 850 (1,874) | 600 (1,433)   | 1,200 (2,645)   |         |
| Maximum ambient temperature                                | °C (°F)            | 40 (104)                           |                           |                           |                           |                 |             |               |                 |         |
| Minimum ambient temperature                                | °C (°F)            | 10 (50)                            |                           |                           |                           |                 |             |               |                 |         |
| Power consumption at ultimate pressure                     | kW                 | 0.5                                | 0.7                       | 7.0                       | 7.6                       | 7.8             | 8.0         | 10.0          | 12.0            |         |
| Rated motor power  | kW                 | 3.0                                | 6.0                       | 15.0                      | 19.0                      |                 |             | 22.0          | 44.0            |         |
| Supply voltage-Multi-Voltage motor                         | V/∅/Hz             | 220, 380, 440V / 3Phase / 50, 60Hz |                           |                           |                           |                 |             |               |                 |         |
| Oil charge volume  | ℓ                  | 0.28                               | 0.55                      | 2.70                      | 3.60                      | 4.50            |             | 2.70          | 5.40            |         |

※ Process Version – Adding N<sub>2</sub> Purge