

## VTC3133 / VTCL3133

### Features and Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity & Auto-cleaning system
- Optional Air-Saving Kit available to minimize energy consumption
- Quick response time
- Patented design



### Specifications

| Description        | VTC3133     | VTCL3133    |
|--------------------|-------------|-------------|
| Max. Vacuum level  | -93 kPa     | -75 kPa     |
| Open Vacuum flow   | 1023 NI/min | 1086 NI/min |
| Max. Feed pressure | 7 bar       | 7 bar       |
| Temperature        | -20 ~ 80 °C | -20 ~ 80 °C |
| Noise level        | 50 ~ 60 dbA | 50 ~ 60 dbA |
| Weight             | 1,117 g     | 1,115 g     |

### Vacuum Flow

| Model    | Max. vacuum (-kPa) | Feed Pressure (bar) | Vacuum flow (NI/min) at different vacuum levels (-kPa) |     |     |     |     |       |      |    |    |     |
|----------|--------------------|---------------------|--------------------------------------------------------|-----|-----|-----|-----|-------|------|----|----|-----|
|          |                    |                     | 0                                                      | 10  | 20  | 30  | 40  | 50    | 60   | 70 | 80 | 90  |
| VTC3133  | 75                 | 2.2                 | 902                                                    | 368 | 264 | 159 | 94  | 86    | 50   | 14 | -  | -   |
|          | 92                 | 3.0                 | 1014                                                   | 456 | 318 | 192 | 99  | 96    | 66   | 50 | 19 | 6   |
|          | 92                 | 4.0                 | 1023                                                   | 462 | 383 | 282 | 207 | 129   | 70   | 52 | 21 | 6.3 |
| VTCL3133 | 60                 | 4.0                 | 906                                                    | 516 | 330 | 210 | 138 | 84    | 20.4 | -  | -  | -   |
|          | 70                 | 5.0                 | 1032                                                   | 588 | 390 | 246 | 150 | 112.5 | 69   | 34 | -  | -   |
|          | 75                 | 6.0                 | 1086                                                   | 621 | 462 | 300 | 156 | 114   | 96   | 66 | -  | -   |

### Evacuation Time

| Model    | Feed Pressure (bar) | Air Consumption (NI/min) | Evacuation time in sec / liter to reach different vacuum levels (-kPa) |       |       |      |      |      |      |      |      |
|----------|---------------------|--------------------------|------------------------------------------------------------------------|-------|-------|------|------|------|------|------|------|
|          |                     |                          | 10                                                                     | 20    | 30    | 40   | 50   | 60   | 70   | 80   | 90   |
| VTC3133  | 2.2                 | 291                      | 0.006                                                                  | 0.03  | 0.038 | 0.1  | 0.14 | 0.24 | 0.54 | -    | -    |
|          | 3.0                 | 354                      | 0.005                                                                  | 0.02  | 0.03  | 0.09 | 0.12 | 0.21 | 0.24 | 0.4  | 1.27 |
|          | 4.0                 | 456                      | 0.004                                                                  | 0.01  | 0.02  | 0.03 | 0.06 | 0.14 | 0.2  | 0.33 | 1.13 |
| VTCL3133 | 4.0                 | 210                      | 0.016                                                                  | 0.03  | 0.05  | 0.09 | 0.12 | 0.26 | -    | -    | -    |
|          | 5.0                 | 255                      | 0.0085                                                                 | 0.028 | 0.05  | 0.08 | 0.1  | 0.13 | 0.26 | -    | -    |
|          | 6.0                 | 312                      | 0.0079                                                                 | 0.02  | 0.04  | 0.06 | 0.09 | 0.12 | 0.2  | -    | -    |