

Design list for variable airflow regulator RPM-V, RPMC-V, RDTM-V - expanded

Version 2026-05-18

Sensor range

Design

| | | | | | | | |
|--|---|----------------------------------|---|---|--|--------------|-------|
| Air flow | BELIMO compact solution (sensor, controller and actuator in one box) | Without the spring | Dynamic | Analog | LMV-D3-MF.1 MDK (5 N.m, NMV-D3-MF.1 MDK 10 N.m) | 0...500 Pa | B00 |
| | | | | Analog / MPBus | LMV-D3-MP (5 N.m, NMV-D3-MP 10 N.m, SMV-D3-MP 20 N.m) | 0...500 Pa | B01 |
| | | | | Modbus RTU / BACnet / MPBus | LMV-D3-MOD (5 N.m, NMV-D3-MOD 10 N.m, SMV-D3-MOD 20 N.m) | 0...500 Pa | B02 |
| | | | | KNX | LMV-D3-KNX (5 N.m, NMV-D3-KNX 10 N.m) | 0...500 Pa | B04 |
| | BELIMO sensor and controller in one box and the actuator is separately | Without the spring | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...500 Pa | B22 |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...500 Pa | B23 |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...600 Pa | B29 |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (VAV) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...600 Pa | B30 |
| | | Speed actuator | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...500 Pa | B22Q |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...500 Pa | B23Q |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...600 Pa | B29Q |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (VAV) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...600 Pa | B30Q |
| | | Speed actuator / With the spring | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (VAV) + NKQ24A-VST (10 N.m) | 0...500 Pa | B22QF |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (VAV) + NKQ24A-VST (10 N.m) | 0...500 Pa | B23QF |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (VAV) + NKQ24A-VST (10 N.m) | 0...600 Pa | B29QF |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (VAV) + NKQ24A-VST (10 N.m) | 0...600 Pa | B30QF |
| | | With the spring | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...500 Pa | B22F |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...500 Pa | B23F |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...600 Pa | B29F |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (VAV) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...600 Pa | B30F |
| | GRUNER compact solution (sensor, controller and actuator in one box) | Without the spring | Dynamic | Analog / PP-Bus | 327VM-024-05 (5 N.m, 327VM-024-10 10 N.m, 327VM-024-15 15 N.m.) | 0...500 Pa | G00 |
| | | | | Modbus RTU | 327VM-024-05-MB (5 N.m, 327VM-024-10-MB 10 N.m, 327VM-024-15-MB 15 N.m.) | 0...500 Pa | G02 |
| | | | Static | Analog / PP-Bus | 327VM-024-05-DS4 (5 N.m, 327VM-024-10-DS4 10 N.m, 327VM-024-15-DS4 15 N.m.) | 0...400 Pa | G06 |
| | | | | Modbus RTU | 327VM-024-05-DS4-MB (5 N.m, 327VM-024-10-DS4-MB 10 N.m, 327VM-024-15-DS4-MB 15 N.m.) | 0...400 Pa | G12 |
| | | | With the spring | Analog / PP-Bus | 327VM-024-05-DS6 (5 N.m, 327VM-024-10-DS6 10 N.m, 327VM-024-15-DS6 15 N.m.) | 0...600 Pa | G07 |
| | | | | Modbus RTU | 327VM-024-05-DS6-MB (5 N.m, 327VM-024-10-DS6-MB 10 N.m, 327VM-024-15-DS6-MB 15 N.m.) | 0...600 Pa | G13 |
| | GRUNER sensor and controller in one box and the actuator is separately | Without the spring | Dynamic | Analog / PP-Bus | Controller GUAC-DM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G21 |
| | | | | Modbus RTU | Controller GUAC-DM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G23 |
| | | | Static | Analog / PP-Bus | Controller GUAC-SM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G28 |
| | | | | Modbus RTU | Controller GUAC-SM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G30 |
| | | With the spring | Dynamic | Analog / PP-Bus | Controller GUAC-DM3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...300 Pa | G21F |
| | | | | Modbus RTU | Controller GUAC-DM3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...300 Pa | G23F |
| | | | Static | Analog / PP-Bus | Controller GUAC-SM3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...300 Pa | G28F |
| | | | | Modbus RTU | Controller GUAC-SM3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...300 Pa | G30F |
| | SIEMENS compact solution (sensor, controller and actuator in one box) | Without the spring | Dynamic | Analog / PP-Bus | GDB181.1E/3 (5 N.m, (GLB181.1E/3 10 N.m) | 0...500 Pa | S00 |
| Modbus RTU | | | | GDB181.1E/MO (5 N.m, (GLB181.1E/MO 10 N.m) | 0...500 Pa | S02 | |
| KNX | | | | GDB181.1E/KN (5 N.m, (GLB181.1E/KN 10 N.m) | 0...500 Pa | S04 | |
| BACnet | | | | GDB181.1E/BA (5 N.m, (GLB181.1E/BA 10 N.m) | 0...500 Pa | S05 | |
| SIEMENS sensor and controller in one box and the actuator is separately | Without the spring | Dynamic | Without communication | Controller ASV181.1E/3 + GDB141.1E (5 N.m, GEB141.1E 20 N.m, GBB141.1E 25 N.m, GIB141.1E 35 N.m) | 0...500 Pa | S22 | |
| | Speed actuator / With the spring | | Controller ASV181.1E/3 + GPC131.1A (60s/15s) 4 N.m | 0...500 Pa | S22QF | | |
| | With the spring | | Controller ASV181.1E/3 + GPC131.1A (4 N.m, GMA131.1E 7 N.m, GCA131.1E 18 N.m) | 0...500 Pa | S22F | | |
| Pressure | BELIMO sensor and controller in one box and the actuator is separately | Without the spring | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...500 Pa | B63 |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...500 Pa | B64 |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...600 Pa | B75 |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (STP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | 0...600 Pa | B78 |
| | | Speed actuator | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...500 Pa | B63Q |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...500 Pa | B64Q |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...600 Pa | B75Q |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (STP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | 0...600 Pa | B78Q |
| | | Speed actuator / With the spring | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (STP) + NKQ24A-VST (10 N.m) | 0...500 Pa | B63QF |
| | | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (STP) + NKQ24A-VST (10 N.m) | 0...500 Pa | B64QF |
| | | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (STP) + NKQ24A-VST (10 N.m) | 0...600 Pa | B75QF |
| | | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (STP) + NKQ24A-VST (10 N.m) | 0...600 Pa | B78QF |
| | With the spring | Dynamic | Analog / MP-Bus | Controller VRU-D3-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...500 Pa | B63F | |
| | | | Modbus RTU / BACnet | Controller VRU-D3-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...500 Pa | B64F | |
| | | Static | Analog / MP-Bus | Controller VRU-M1-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...600 Pa | B75F | |
| | | | Modbus RTU / BACnet | Controller VRU-M1-BAC (STP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | 0...600 Pa | B78F | |
| | GRUNER compact solution (sensor, controller and actuator in one box) | Without the spring | Dynamic | Analog / PP-Bus | 327VM-024-05 (CCPC) (5 N.m, 327VM-024-10 (CCPC) 10 N.m, 327VM-024-15 (CCPC) 15 N.m.) | 0...500 Pa | G50 |
| | | | | Modbus RTU | 327VM-024-05-MB (CCPC) (5 N.m, 327VM-024-10-MB (CCPC) 10 N.m, 327VM-024-15-MB (CCPC) 15 N.m.) | 0...500 Pa | G52 |
| | | | Static | Analog / PP-Bus | 327VM-024-05-DS4 (CCPC) (5 N.m, 327VM-024-10-DS4 (CCPC) 10 N.m, 327VM-024-15-DS4 (CCPC) 15 N.m.) | 0...400 Pa | G53 |
| | | | | Modbus RTU | 327VM-024-05-DS4-MB (CCPC) (5 N.m, 327VM-024-10-DS4-MB (CCPC) 10 N.m, 327VM-024-15-DS4-MB (CCPC) 15 N.m.) | 0...400 Pa | G59 |
| | | | With the spring | Analog / PP-Bus | 327VM-024-05-DS6 (CCPC) (5 N.m, 327VM-024-10-DS6 (CCPC) 10 N.m, 327VM-024-15-DS6 (CCPC) 15 N.m.) | 0...600 Pa | G54 |
| | | | | Modbus RTU | 327VM-024-05-DS6-MB (CCPC) (5 N.m, 327VM-024-10-DS6-MB (CCPC) 10 N.m, 327VM-024-15-DS6-MB (CCPC) 15 N.m.) | 0...600 Pa | G60 |
| | GRUNER sensor and controller in one box and the actuator is separately | Without the spring | Dynamic | Analog / PP-Bus | Controller GUAC-PM-DD3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G62 |
| | | | | Modbus RTU | Controller GUAC-PM-DD3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G64 |
| Static | | | Analog / PP-Bus | Controller GUAC-PM1 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...100 Pa | G70 | |
| | | | Modbus RTU | Controller GUAC-PM1-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...100 Pa | G76 | |
| With the spring | | | Analog / PP-Bus | Controller GUAC-PM3 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G71 | |
| | | | Modbus RTU | Controller GUAC-PM3-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...300 Pa | G77 | |
| With the spring | | Dynamic | Analog / PP-Bus | Controller GUAC-PM6 + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...600 Pa | G72 | |
| | | | Modbus RTU | Controller GUAC-PM6-MB + 227C-024-05-V/ST06 (5 N.m, 227C-024-10-V/ST06 10 N.m, 227C-024-15-V/ST06 15 N.m, 363C-024-20-V/ST06 20N.m) | 0...600 Pa | G78 | |
| | | Static | Analog / PP-Bus | Controller GUAC-PM-DD3 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...300 Pa | G62F | |
| | | | Modbus RTU | Controller GUAC-PM-DD3-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...300 Pa | G64F | |
| | | With the spring | Analog / PP-Bus | Controller GUAC-PM1 + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...100 Pa | G70F | |
| | | | Modbus RTU | Controller GUAC-PM1-MB + 341C-024-05-V/ST06 (5 N.m, 361C-024-10-V/ST06 10 N.m, 361C-024-20-V/ST06 20 N.m) | 0...100 Pa | G76F | |
| Pressure in the room | BELIMO sensor and controller in one box and the actuator is separately | Without the spring | Static | Analog / MP-Bus | Controller VRU-M1R-BAC (RP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | -75...+75 Pa | B91 |
| | | | | Modbus RTU / BACnet | Controller VRU-M1R-BAC (RP) + LM24A-VST (5 N.m., NM24A-VST 10 N.m, SM24A-VST 20 N.m) | -75...+75 Pa | B92 |
| | | Speed actuator | Static | Analog / MP-Bus | Controller VRU-M1R-BAC (RP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | -75...+75 Pa | B91Q |
| | | | | Modbus RTU / BACnet | Controller VRU-M1R-BAC (RP) + LMQ24A-VST (4 N.m., NMQ24A-VST 8 N.m) | -75...+75 Pa | B92Q |
| | | Speed actuator / With the spring | Static | Analog / MP-Bus | Controller VRU-M1R-BAC (RP) + NKQ24A-VST (10 N.m) | -75...+75 Pa | B91QF |
| | | | | Modbus RTU / BACnet | Controller VRU-M1R-BAC (RP) + NKQ24A-VST (10 N.m) | -75...+75 Pa | B92QF |
| | | With the spring | Static | Analog / MP-Bus | Controller VRU-M1R-BAC (RP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | -75...+75 Pa | B91F |
| | | | | Modbus RTU / BACnet | Controller VRU-M1R-BAC (RP) + LF24-VST (4 N.m, NF24A-VST 10 N.m, SF24A-VST 20 N.m) | -75...+75 Pa | B92F |