

## VACON 20 VARIABLE SPEED DRIVE



### DESCRIPTION

The Vacon 20 is a compact AC drive that features a wide power range from 0,25 kW to 18,5 kW. The built-in PLC allows programmable logic to be easily altered which enables unused input/outputs of the drive to be assigned to other tasks.

#### Features

- Basic interface with start-up wizard for quick and easy configuration.
- Built-in EMC filter to remove electromagnetic interference and lower harmonic levels.
- Built-in RS485 interface for fieldbus control.
- AC choke and brake chopper to balance voltage drops and spikes.
- HVAC software available.
- HVAC fire mode with quick start wizard available.

#### Standard I/O

- 6 x Digital input
- 2 x Analogue input
- 1 X Digital output
- 1 x Analogue output
- 2 x Relay output

#### Testing

EMC Standard EN61800-3 Category C2

#### Wiring Diagram

Please refer all enquires to Fantech sales engineers.

### TECHNICAL DATA

| Model        | Voltage    | Input / Output    | Motor kW @ 40°C | Amps @ 40°C        | Frame Size | Class Protection   | Dimensions, mm     | Weight, kg. |      |                  |      |
|--------------|------------|-------------------|-----------------|--------------------|------------|--------------------|--------------------|-------------|------|------------------|------|
| V00201L00012 | 208-240VAC | 1 phase / 3 phase | 0.25            | 1.7                | MI1        | IP20               | 66W x 160H x 190D  | 0.55        |      |                  |      |
| V00201L00022 |            |                   | 0.37            | 2.4                |            |                    |                    |             |      |                  |      |
| V00201L00032 |            |                   | 0.55            | 2.8                |            |                    |                    |             |      |                  |      |
| V00201L00042 |            |                   | 0.75            | 3.7                | MI2        |                    | 90W x 195H x 102D  | 0.70        |      |                  |      |
| V00201L00052 |            |                   | 1.1             | 4.8                |            |                    |                    |             |      |                  |      |
| V00201L00072 |            |                   | 1.5             | 7                  |            |                    |                    |             |      |                  |      |
| V00201L00092 |            |                   | 2.2             | 9.6                | MI3        |                    | 100W x 255H x 109D | 0.99        |      |                  |      |
| V00203L00014 |            |                   | 380-480VAC      | 3 phase / 3 phase  | 0.37       |                    | 1.3                | MI1         | IP21 | 66W x 160H x 99D | 0.55 |
| V00203L00024 |            |                   |                 |                    | 0.55       |                    | 1.9                |             |      |                  |      |
| V00203L00034 | 0.75       | 2.4               |                 |                    |            |                    |                    |             |      |                  |      |
| V00203L00044 | 1.1        | 3.3               |                 |                    | MI2        | 90W x 195H x 102D  | 0.70               |             |      |                  |      |
| V00203L00054 | 1.5        | 4.3               |                 |                    |            |                    |                    |             |      |                  |      |
| V00203L00064 | 2.2        | 5.6               |                 |                    |            |                    |                    |             |      |                  |      |
| V00203L00084 | 3          | 7.6               |                 |                    | MI3        | 100W x 255H x 109D | 0.99               |             |      |                  |      |
| V00203L00094 | 4          | 9                 |                 |                    |            |                    |                    |             |      |                  |      |
| V00203L00124 | 5.5        | 12                |                 |                    |            |                    |                    |             |      |                  |      |
| V00203L00164 | 7.5        | 16                |                 |                    | MI4        | 165W x 370H x 165D | 8.00               |             |      |                  |      |
| V00203L00234 | 11         | 23                |                 |                    |            |                    |                    |             |      |                  |      |
| V00203L00314 | 15         | 31                | MI5             | 165W x 414H x 202D |            |                    |                    | 10.00       |      |                  |      |
| V00203L00384 | 18.5       | 38                |                 |                    |            |                    |                    |             |      |                  |      |