

## VACON 100X VARIABLE SPEED DRIVE



### Features

- User friendly interface with start-up wizard for quick and easy configuration
- Built-in EMC filter to remove electromagnetic interference and lower harmonic levels
- Supports both induction and permanent magnet motors
- Integrated RS485 Modbus and Ethernet communication for BacNet IP and Modbus TCP/IP
- Safe Torque Off (STO) mode
- DC choke and thin film capacitors
- IP66 dust and weather protected enclosure
- Suitable for ambient temperatures up to 60°C
- Capable of withstanding 3G resistance to vibrations
- Can be used in limited adverse/corrosive environments. (For more information refer to Fantech)
- HVAC software available
- HVAC fire mode with quick start wizard available.

### Standard I/O

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

### Testing

Harmonics Standard IEC 61800-3-12  
 EMC Standard EN61800-3 Category C2  
 3G resistance to vibrations (according to 3M7/IEC 60068-2)

### Wiring Diagram

Please refer all enquires to Fantech sales engineers.

## DESCRIPTION

The Vacon 100X sets a new benchmark for decentralized drive solutions. It is ideal for external mounting as it features a die-cast metal enclosure that provides an IP66 class protection rating. The breathable Gore-Tex® vent helps protect the drive's seals and heat sink, and incorporates a speed controlled fan that effectively dissipates heat.

## TECHNICAL DATA

Model	Input / Output	Motor kW @ 40°C	Amps @ 40°C	Frame Size	Protection Class	Dimensions, mm	Weight, kg.
V01003L00034X		1.1	3.4				
V01003L00044X		1.5	4.8				
V01003L00054X		2.2	5.6				
V01003L00084X		3.0	8.0	MM4		191W x 316H x 214D	8.8
V01003L00094X		4.0	9.6				
V01003L00124X		5.5	12.0				
V01003L00164X	3 phase / 3 phase	7.5	16.0		IP66		
V01003L00234X		11.0	23.0	MM5		233W x 367H x 231D	14.9
V01003L00314X		15.0	31.0				
V01003L00384X		18.5	38.0				
V01003L00464X		22.0	46.0				
V01003L00614X		30.0	61.0	MM6		350W x 500H x 255D	31.5
V01003L00724X		37.0	72.0				