



## Control panel for 1 motor ✓

- ✓ Frequency inverter
- ✓ Overload electronic protection

- Power supply 3~50/60 Hz 400V  $\pm 10\%$ ;
- Auxiliaries contacts and circuits in low voltage;
- Normally open contact for start with selector in "Manual" position;
- Normally open contact for minimum level/pressure contact;
- Analog input 4-20mA (0-10V on request);
- Selector for Auto-Off-Manual operation (MANUAL stable);
- Electronic frequency inverter with multifunctions display LCD, "pid" regulation and connection for RS232/485;
- Auxiliaries and motor protection fuses;
- Main switch interlocking door;
- Forced ventilation kit;
- Steel enclosure, IP54;
- Ambient temperature: -5/+40 °C;
- Relative humidity 50% at 40 °C (not condensed).

- 🔧 The user must have suitable characteristics for inverter application.
- 🔧 Earthleakage for mains supply protection must be "A" type (for unidirectional pulsing current with continuous component and for alternate current) protected against sudden release of current with the possibility to select the intervention threshold (recommended 300mA) and the time of intervention at the release (suggested 0,5 sec.)
- 🔧 The expansion vessel is suggested for an exact reading of the pressure, it must be pre-charged at a 30% lower pressure than the working pressure of the system and installed close to the pressure sensor.

## MODELS

| COD.   | MODEL         | POWER |      |     | CURRENT MAX. |  |      |     |  |
|--------|---------------|-------|------|-----|--------------|---|------|-----|---|
|        |               | V~    | KW   | HP  |              | AMPERE  | H    | L   |   |
| 01.120 | VARTEK 1/1.1  | 400   | 1.1  | 1.5 | 3.6          | 500   | 400  | 230 | 16  |
| 01.121 | VARTEK 1/1.5  | 400   | 1.5  | 2   | 4.5          | 500   | 400  | 230 | 16  |
| 01.122 | VARTEK 1/2.2  | 400   | 2.2  | 3   | 6.2          | 500   | 400  | 230 | 16  |
| 01.123 | VARTEK 1/3    | 400   | 3    | 4   | 8            | 500   | 400  | 230 | 16  |
| 01.124 | VARTEK 1/4    | 400   | 4    | 5.5 | 9.7          | 500   | 400  | 230 | 16  |
| 01.125 | VARTEK 1/5.5  | 400   | 5.5  | 7.5 | 13.8         | 500   | 400  | 230 | 18  |
| 01.126 | VARTEK 1/7.5  | 400   | 7.5  | 10  | 17.2         | 500   | 400  | 230 | 18  |
| 01.127 | VARTEK 1/11   | 400   | 11   | 15  | 25.4         | 500   | 400  | 230 | 20  |
| 01.128 | VARTEK 1/15   | 400   | 15   | 20  | 34.1         | 700   | 500  | 280 | 25  |
| 01.129 | VARTEK 1/18.5 | 400   | 18.5 | 25  | 41.8         | 700   | 500  | 280 | 25  |
| 01.130 | VARTEK 1/22   | 400   | 22   | 30  | 48.4         | 700   | 500  | 280 | 30  |
| 01.131 | VARTEK 1/30   | 400   | 30   | 40  | 59           | 1000  | 800  | 330 | 50  |
| 01.132 | VARTEK 1/40   | 400   | 37   | 50  | 72           | 1000  | 800  | 330 | 50  |
| 01.133 | VARTEK 1/45   | 400   | 45   | 60  | 87           | 1200  | 800  | 330 | 55  |
| 01.134 | VARTEK 1/55   | 400   | 55   | 75  | 125          | 1200  | 800  | 330 | 80  |
| 01.135 | VARTEK 1/75   | 400   | 75   | 100 | 157          | 1500  | 800  | 530 | 85  |
| 01.136 | VARTEK 1/92   | 400   | 92   | 125 | 180          | 1500  | 800  | 530 | 90  |
| 01.137 | VARTEK 1/110  | 400   | 110  | 150 | 205          | 1500  | 800  | 530 | 100   |
| 01.138 | VARTEK 1/132  | 400   | 132  | 180 | 246          | 2100  | 1000 | 630 | 150   |
| 01.139 | VARTEK 1/160  | 400   | 160  | 220 | 289          | 2100  | 1000 | 630 | 180   |

## OPTIONAL

| COD.   | MOD.    | CARATTERISTICHE - FEATURES - TRAITS  |
|--------|---------|--|
| 98.006 | RL-C    | Relè di livello per sonde unipolari cablato / Relay for level control probes, wired / Relais pour pour sondes de niveau, câblé   |
| 98.007 | K3SL    | Kit 3 sonde di livello cablato / No. 3 level probes for dry running protection, wired / Kit 3 sondes de niveau câblé   |
| 98.015 | RLA/1   | Relè per logica automatismi, cablato / Wired relay for external commands / Relais pour contrôles extérieur   |
| 98.016 | RA-C    | Relè per uscita allarme, cablato / Wired relay for alarm output / Relais câblé pour sortie alarme  |
| 98.021 | PSS-C   | Controllo min e max tensione, cablato / Wired relay for min/max voltage control / Relais câblé pour contrôle de min et max tension   |
| 98.029 | DT-C    | Orologio giornaliero a cavaliere cablato / Wired daily timer with switch-riders / Compte heures journalier câblé   |
| 98.030 | WT-C    | Orologio settimanale digitale cablato / Wired weekly digital timer / Compte heures hebdomadaire digitale câblé   |
| 98.022 | FE-C    | Fungo d'emergenza cablato / Wired emergency push-button / Bouton d'urgence câblé   |
| 98.033 | CI24V-C | Comando in 24Vac per attivazione/spengimento utenza da centralina di irrigazione / Wired 24Vac control for switching on/off the motor from irrigation system input / Contrôle en 24Vac pour activation/extinction du moteur dans command de système d'irrigation |
| 98.044 | TP010B  | Trasduttore di pressione 0÷10 Bar (4÷20mA) / Electronic pressure transducer 0÷10 Bar (4÷20mA) / Transducteur de pression électronique 0÷10 Bar (4÷20mA)  |
| 98.045 | TP016B  | trasduttore di pressione 0÷16 Bar (4÷20mA) / Electronic pressure transducer 0÷16 Bar (4÷20mA) / Transducteur de pression électronique 0÷16 Bar (4÷20mA)  |
| 98.047 | POT-C   | Potenzimetro regolazione frequenza inverter 0-50Hz cablato / Wired potentiometer for manual adjustment of the inverter's frequency 0-50 Hz / Potentiomètre câblé pour réglage manuelle de la fréquence du variateur  |
| 98.048 | A2SP-C  | Attivazione 2° set point da contatto pulito N.A./ N.O. Volt free contact for 2nd set point activation / Contact N.O. libre de potentiel pour activation 2ème set point   |
| 98.055 | BPI-7.5 | By-Pass guasto inverter con avviamento diretto da 0.5Hp a 7.5Hp / Kit for inverter fault by-pass with d.o.l. start from 0.5 to 7.5 Hp / Kit pour déviation de avarie inverseur avec démarrage direct de 0.5Hp jusqu'à 7.5Hp avec sélecteur a clé                 |
| 98.056 | BPI-15  | By-Pass guasto inverter con avviamento diretto da 10Hp a 15Hp / Kit for inverter fault by-pass with d.o.l. start from 10 to 15 Hp / Kit pour déviation de avarie inverseur avec démarrage direct de 10Hp jusqu'à 15Hp  |
| 98.057 | BPI-25  | By-Pass guasto inverter con avviamento diretto da 20Hp a 25Hp / Kit for inverter fault by-pass with d.o.l. start from 20 to 25 Hp / Kit pour déviation de avarie inverseur avec démarrage direct de 20Hp jusqu'à 25Hp  |
| 98.058 | BPI-40  | By-Pass guasto inverter con avviamento diretto da 30Hp a 40Hp / Kit for inverter fault by-pass with d.o.l. start from 30 to 40 Hp / Kit pour déviation de avarie inverseur avec démarrage direct de 30Hp jusqu'à 40Hp  |
| 98.059 | BPI-75  | By-Pass guasto inverter con avviamento diretto da 50Hp a 75Hp / Kit for inverter fault by-pass of inverter fault with d.o.l. start from 50 to 75 Hp with key selector / Kit pour déviation de avarie inverseur avec démarrage direct de 50Hp jusqu'à 75Hp        |

Oltre i 75Hp By-pass su richiesta / Over 75Hp by-pass on request / Au-delà de 75Hp deviation sure demandement