

DGFIT_{T/T}

*Three phase - air cooled - pump inverter
motor or wall mountable
designed to control (and protect) pumping systems*

Enclosure
IP54

3.0 Hp
4.0 Hp

Single &
multiple pump



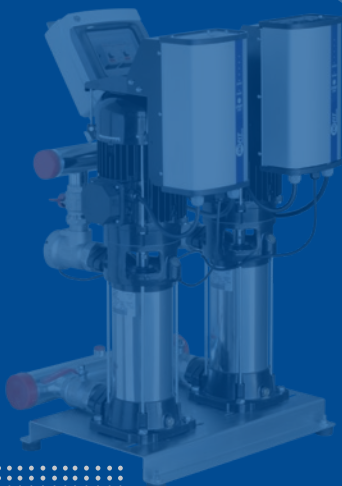
INVERTER TECHNOLOGY

*The comfort
of constant
Pressure*

*Simplified
installation*

*Energy
& cost saving*

*Longevity
of pump system*

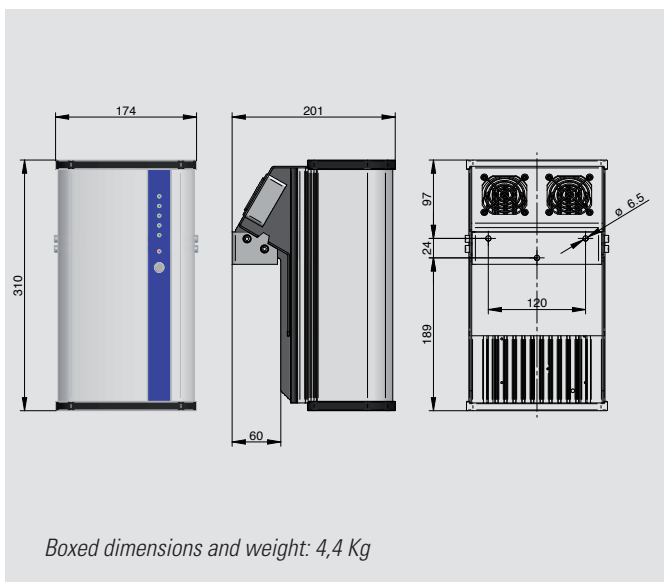


**DG
FLOW**

*From water supply for irrigation,
commercial and industrial applications fits
any new and existing installation.*



DIMENSIONS



CONFIGURATION EXAMPLES

SINGLE PUMP

MULTIPLE PUMP SET (up to 3 pumps)



Multiple pumps configuration requires 1 communication card (optional) each DGFIT.Item DR1145K01 Master/Slave/Slave setup and configurations will be done through software. This guarantee:
1) automatic pump switch-over at every restart
2) automatic exclusion of pump/inverter in alarm
3) automatic system reconfiguration in case master shut down.

MOTOR-ON-BOARD INSTALLATIONS

Standard DGFIT can be directly wall mounted; cooling is guaranteed by the integrated forced air ventilation system. The optional kit (item D01145K01) allows DGFIT to be mounted on pump motor (vertical and horizontal pumps)



FEATURES

- Integrated forced-air cooling
- 3 input signals available:
 - Pressure sensor
 - Flow sensor (optional)
 - Aux (e.g. Level Probe)
- 1 output signal (i.e. alarm)
- 1 RS 485 interface port
- Second pressure set point
- Accepted pressure sensors:
 - 4-20 mA
- Pressure range : 10/16/25/40 bars or 0,5-4,5 volts(analogue)
- Wall mounted (standard product) & pump mounted (by optional kit)

TECHNICAL DATA

- Enclosure : IP 54
- Max ambient temp 40°C
- Voltage: +/- 10%
- Frequency: 50-60Hz
- Weight : 6,4 kg
- Dimensions : see pictures

TOTAL PROTECTION

- Dry run protection with automatic reset.
- Pressure sensor malfunctioning
- Inverter over temperature
- Missing phase
- Anomalous currents & voltages

WIRING

Electrical connections are:

- Safe thanks to the limited access to the drive electronic (thanks to its cover)
- Easy by presence of terminal blocks

Model	Item	Power		Max current	Input Voltage	Output Voltage	Output Fre-quency	Multi pump applica-tions	IP rate
		Kw	HP	A	Volts	Volts	Hz	Up to 3 pumps	IP
T/T 06 E	D01145319	2,2	3,0	6	3 x 400V	3 x 400V	50/60	Yes*	54
T/T 08 E	D01145315	3,0	4,0	8	3 x 400V	3 x 400V	50/60	Yes*	54

* By fitting the "expansion board" (DR1145K01)

D01145K01	KIT FOR PUMP MOTOR ON-BOARD MOUNTING
DR1145K01	RS-485 COMMUNICATION MODULE AMONG DGFIT



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