

AQUADOMUS



AquaDomus è un sistema integrato 'Plug&Play' per gestire la pressurizzazione dell'acqua per applicazioni domestiche e residenziali. Il controllo elettronico (E-IPFC) gestisce il funzionamento del sistema al fine di mantenere costante la pressione anche se cambiano le condizioni di utilizzo. Può essere guidato e monitorato da un'app dedicata «Pentax IPFC». Consiste in una pompa multistadio con motore sincrono a magnete permanente, inverter per il controllo

AquaDomus is an integrated 'Plug&Play' system to manage water pressurization for domestic and residential applications. The electronic control (E-IPFC) manages the operation of the system in order to maintain the pressure constant even if the conditions of use change. It can be driven and monitored by a dedicated app "Pentax IPFC".

It consists of a multistage pump, a permanent magnet synchronous motor, an electronic inverter control, an expansion tank, a no return valve, a pressure sensor, a cable with plug.

AquaDomus es un sistema integrado 'Plug&Play'. Suministro y presurización de agua para aplicaciones domésticas y residenciales. El variador de velocidad (E-IPFC) gestiona el funcionamiento del sistema con el fin garantizar una presión constante, en todos los grifos y en todo momento al variar el consumo de agua. Aplicación dedicada "Pentax IPFC" para la programación y el control del sistema.

Consiste in una bomba multietapa, un motor síncrono de imán permanente, variador de velocidad, sensor de presión, un pequeño tanque de expansión, una válvula de retención, un cable con enchufe.

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Il se compose d'une pompe multicellulaire, d'un moteur synchrone à aimants permanents avec la relative commande électronique, d'un vase d'expansion, d'un clapet anti-retour, d'un capteur de pression, et un cable avec prise.

CONSTRUCTION FEATURES

Liquid temperature	-5 ÷ +35 °C
Rated pressure	max 7 bar
4 poles synchronous motor with permanent magnet	4200 RPM
Input voltage	1 ~ 230V-50Hz; 1 ~ 220V-60Hz
Insulation class	F
Protection degree	IPX4

PLUS



Constant pressure even if the conditions of use change

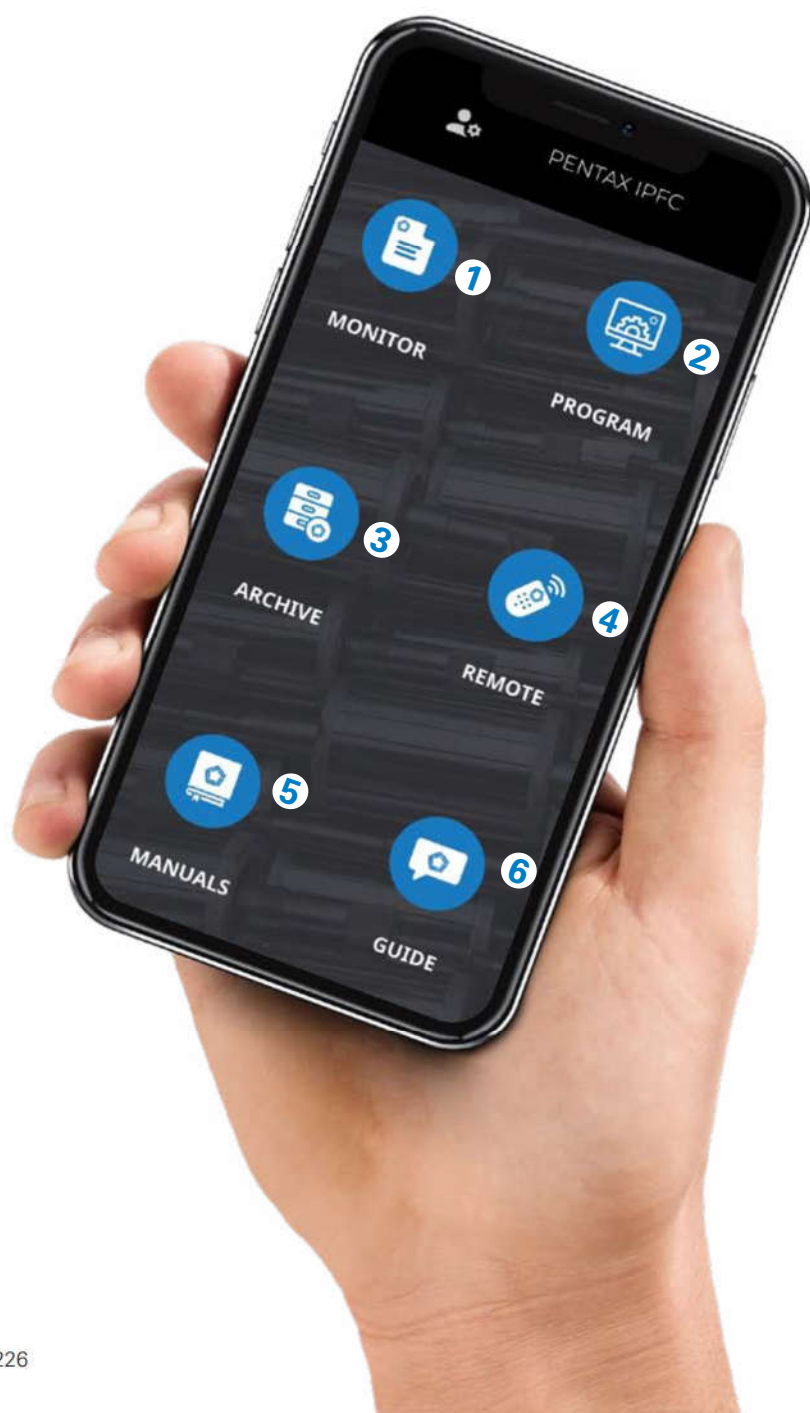


Dedicated Pentax IPFC App for programming and monitoring (compatible with iOS and Android)



Bluetooth smart pump

Dedicated app for control and programming of AquaDomus



App Functionality

1 Monitor

Monitoring several operative parameters.
Obtaining energy consumption statistics and check alarm history.

2 Program

Create programs, save them in the archive, copy them to other devices and share them among multiple users.

3 Archive

Create reports with the ability to insert notes, images and send them by e-mail or keep them in the digital archive.

4 Remote

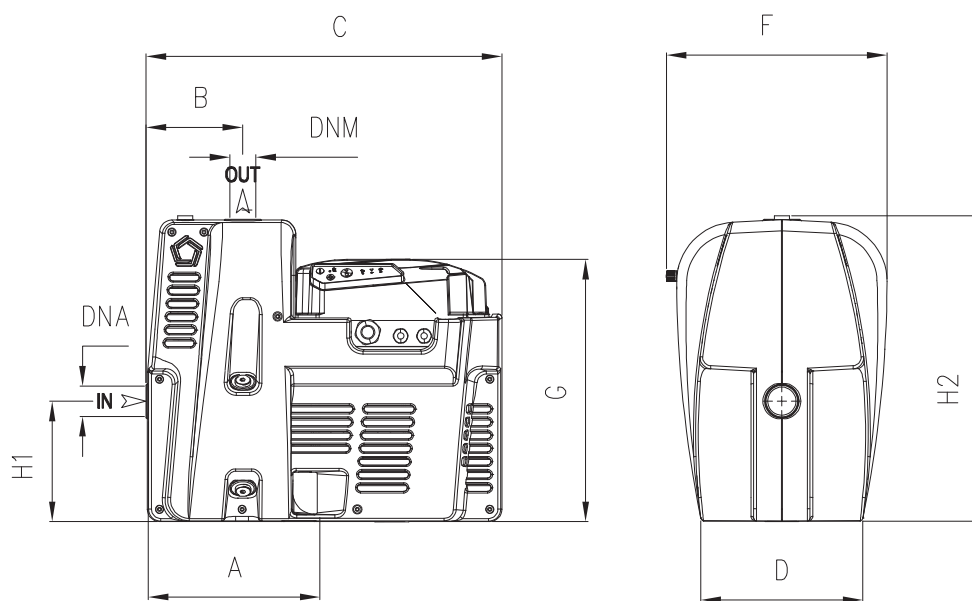
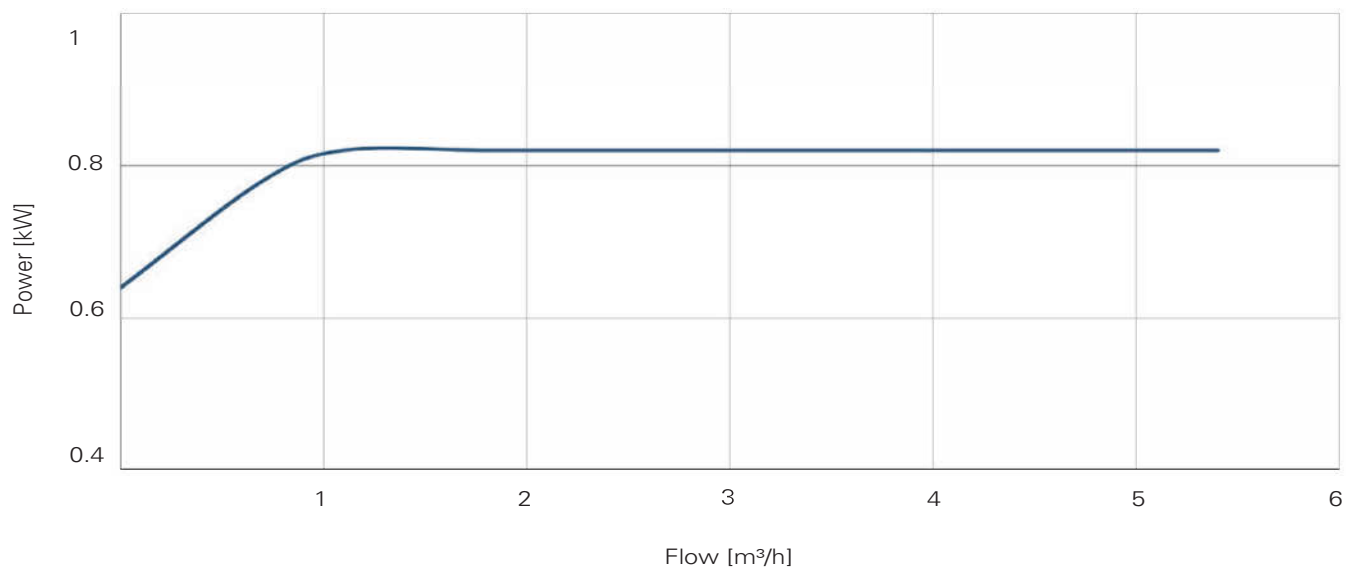
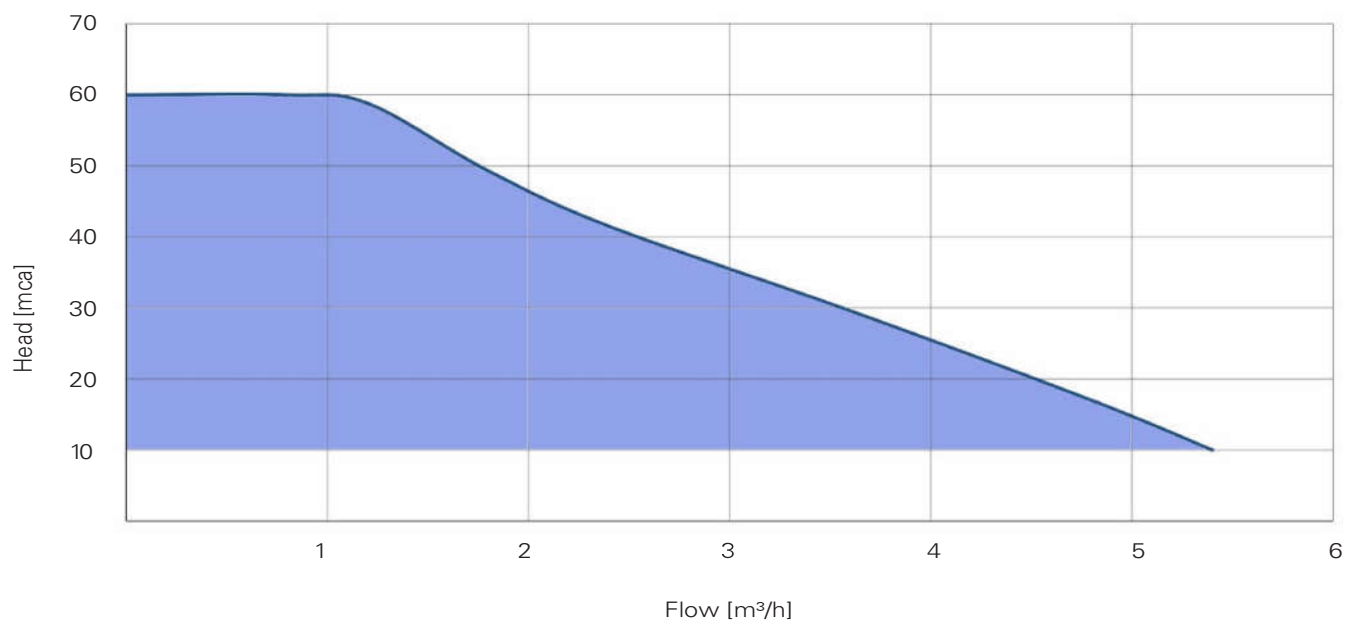
Remotely control an AquaDomus via wi-fi or GSM by using a nearby smartphone as a modem.

5 Manuals

Access manuals and supplementary technical documentation.

6 Guide

Receive online assistance on parameters and alarms.



TYPE	DIMENSIONS (mm)										Kg
	A	B	C	D	F	G	H1	H2	DNA	DNM	
AquaDomus	166,8	103	377	173	235	280	128	129,5	1" G	1" G	11