

LENNTECH

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289

NOCCHI PRODUCTION PROGRAM





A LEADER IN WATER TECHNOLOGY

The Pentair Group is a world leader in the design and production of innovative products and systems used everywhere for the treatment, handling and storage of water. The Group bases its activity and success on values such as constant improvement, continuous development of new product, high performance, skills, corporate ethics and market leadership. The Pentair personnel shares personal values such as seriousness, deep respect for people and the environment and a practical, correct method of working. The solid relationship with the Customers and the high standards of quality allow Pentair to be one of the main producers of technologies and instrumentation for the treatment of water.



FIRE FIGHTING SYSTEMS AND PRESSURIZATION SYSTEMS

Vertical and horizontal centrifugal pumps. Complete systems for the transfer and pressurization of water. Fire fighting systems.



ELECTRICAL PUMPS FOR RESIDENTIAL USE

Submersible pumps, self-priming pumps, multi-stage centrifugal pumps and compact pumping systems for water supply to private homes for irrigating gardens and rainwater collection.



ELECTRICAL PUMPS FOR DRAINING

Pumps to transfer fresh water, dirty water, for waste water and sewage. Pumps for numerous applications (water of basins, cisterns, pumping stations).



ELECTRICAL PUMPS FOR OPEN AND DRILLED WELLS

Submersible pumps for irrigation and the pumping of underground water.

MULTINOX-VE+ VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

SUPERIOR HYDRAULIC EFFICIENCY



The vertical multistage centrifugal series MULTINOX-VE+ pumps are particularly suited for the implementation of booster units, especially where optimal performance and silent operation are needed with a compact overall layout.

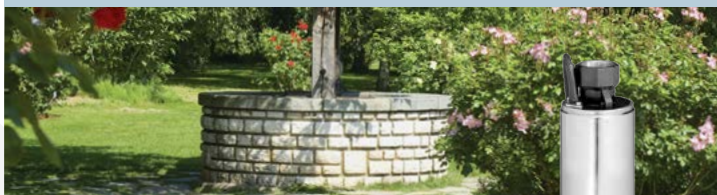


APPLICATIONS	Q Max	H Max	TYPE
LIFTING AND DISTRIBUTION OF WATER IN DOMESTIC SYSTEMS, WITH CONTINUOUS OR INTERMITTENT DUTY	5,4 m ³ /h 8,4 m ³ /h	138 m 107 m	MULTINOX-VE+ 4 MULTINOX-VE+ 6
PRESSURE BOOSTER SYSTEMS	12,6 m ³ /h	139 m	MULTINOX-VE+ 8
WASHING			
GARDEN IRRIGATION, FOUNTAINS			

DOMINATOR 4 PLUS

MULTISTAGE CENTRIFUGAL SUBMERSIBLE PUMPS
FOR FRESH WATER

**DOUBLE MECHANICAL SEAL, HYDRAULIC SYSTEM PARTICULARLY
RESISTANT TO SAND CORROSION, CHECK VALVE INTEGRATED**



DOMINATOR 4 PLUS submersible pumps with double mechanical seal, are suitable for installation in traditional wells, water deposits, collection tanks, fresh water courses, lakes, etc. Supplied with nylon suspension cord (20 m). The special floating impellers design resists sand and reduces sand locking.



APPLICATIONS	Q Max	H Max	TYPE
LIFTING FROM TRADITIONAL WELLS	4,8 m ³ /h	70 m	DOMINATOR 4 PLUS
INSTALLATIONS IN TANKS INSIDE HOMES FOR PRESSURIZATION SYSTEMS			
SMALL AUTOMATIC SYSTEMS FOR GARDEN IRRIGATION			
GRAVITY IRRIGATION SYSTEMS			

PRIOX

SUBMERSIBLE VORTEX PUMPS FOR WASTE WATER

STURDY AND RELIABLE



The PRIX pumps series are submersible drainage pumps designed for stationary and portable installation.

Manufactured with vortex impeller with a free passage of 40mm (EN 12050-2 compliant) and 50mm (EN 12050-1 compliant). These single stage pumps are completely constructed in 100% AISI 304 stainless steel. The Automatic (AUT) version is completed with float switch.



APPLICATIONS	Q Max	H Max	TYPE
PUMP STATIONS WITH ONE OR MORE PUMPS FOR AGRICULTURAL AND CIVIL COMPLEXES	24 m ³ /h 39 m ³ /h	11,8 m 17,3 m	PRIX (40 mm) PRIX (50 mm)

ALL APPLICATIONS FOR LIFTING AND DRAINAGE WASTE WATER WITH SUSPENDED SOLIDS

PVM / PVMI / PVMX

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

HIGH HYDRAULIC EFFICIENCY, HIGH PERFORMANCES



The PVM, PVMI and PVMX are non-self priming vertical multistage centrifugal pumps of "in line" design.

Stage construction with stainless steel impellers, chambers and pressure casing. Pump stub shaft and motor shaft of the IEC-standards motor are directly close coupled.

All pumps are equipped with high efficiency motors (IE3) and with a cartridge type mechanical seal for easy maintenance.



APPLICATIONS	Q Max	H Max	TYPE
WATER SUPPLY / IRRIGATION	180 m ³ /h	320 m	PVM
PRESSURE BOOSTING SYSTEMS	180 m ³ /h	320 m	PVMI (AISI 304)
WATER TREATMENT/FILTRATION	180 m ³ /h	320 m	PVMX (AISI 316)
HIGH PRESSURE WASHES			
BOILER FEED			
TRANSFER OF LIQUIDS			
FIREFIGHTING SYSTEMS			

VARIO1-20 / VARIO3-20 / VARIO3-30

VARIABLE SPEED PRESSURE BOOSTER SETS

**EASY TO INSTALL,
LOW ENERGY CONSUMPTION**



VARIO, booster sets series with variable speed are a reliable, easy to use solution for residential and industrial applications up to 3 pumps.

Every electrical pump installed has an inverter. As soon as there is a demand for water, the pump starts maintaining the pressure at the value set. Once the maximum speed has been reached, the other pumps will start automatically in sequence, to help the first one.

Every time there is a demand for water, the frequency converters installed alternate the starting pump, guaranteeing a balanced wear on the pumps.



APPLICATIONS	Q Max	H Max	TYPE
WATER PUMPING AND DISTRIBUTION	25 m ³ /h	125 m	VARIO1-20
IN HOUSEHOLD SYSTEMS	80 m ³ /h	160 m	VARIO3-20
BOOSTER SYSTEMS	120 m ³ /h	160 m	VARIO3-30
IRRIGATION			
WASHING			
INDUSTRY			

CPS 20

VARIABLE SPEED PRESSURE BOOSTER SETS WITH TWO PUMPS

**EASY TO INSTALL,
LOW ENERGY CONSUMPTION**



The series of variable speed pressure booster sets CPS20 offers a reliable and simple solution for residential and industrial applications. The system envisages the parallel installation of two inverters integrated directly on the motor of each electric pump installed. The two frequency converters communicate and alternate the starting sequence on each work cycle, keeping constant pressure in the distribution system



APPLICATIONS	Q Max	H Max	TYPE
WATER PUMPING AND DISTRIBUTION IN HOUSEHOLD SYSTEMS BOOSTER SYSTEMS IRRIGATION WASHING	31,2 m ³ /h	70 m	CPS 20

CPS10 / CPS3-10

ELECTRICAL PUMPS WITH INVERTER

**EASY TO INSTALL,
LOW ENERGY CONSUMPTION**



CPS is an electronic device built directly into the motor, capable of changing the speed of an electrical pump. It makes it possible to regulate its speed so that it can always supply the same pressure to the user even when the demand for water changes.

CPS 10 up to 2,4 kW
CPS 3-10 up to 11 kW



APPLICATIONS	Q Max	H Max	TYPE
BOOSTER SYSTEM	15,6 m ³ /h	123 m	CPS10
WATER SUPPLY	39,6 m ³ /h	223 m	CPS3-10
INDUSTRY			
BUILDING			
WASHING			

JET / JETINOX SELF-PRIMING PUMPS

STURDY AND TOUGH, LARGE SUCTION CAPACITY



The self-priming electrical pumps of the JET / JETINOX series combine the functional advantages of the centrifugal pumps and the practical advantages of the self-priming pumps.

The self-priming system and the hydraulics guarantee an excellent output and a considerable suction capacity even when there are bubbles of air.



APPLICATIONS	Q Max	H Max	TYPE
IRRIGATION	9,6 m ³ /h	70 m	JET
PUMPING AND DISTRIBUTION OF WATER IN HYDRAULIC SYSTEMS	4,8 m ³ /h	50 m	JETINOX
PRESSURIZATION SYSTEMS			
WASHING			

MULTINOX-XC / MCX / MULTINOX-A / MAX

HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

HORIZONTAL MULTISTAGE SELF-PRIMING PUMPS

HIGH EFFICIENCY HYDRAULICS



MULTINOX-XC and MCX are multistage centrifugal horizontal electrical pumps which provide high hydraulic performance of pressure and flow and an extremely quiet operation.

MAX and MULTINOX-A are multistage horizontal electrical pumps with a self-priming system so that it works correctly even when there are air bubbles in the fluid.



APPLICATIONS	Q Max	H Max	TYPE
PUMPING AND DISTRIBUTION OF WATER IN HOUSEHOLD SYSTEMS	6 m ³ /h 10,8 m ³ /h	53 m 56 m	MULTINOX-XC MCX
BOOSTER SYSTEMS	6 m ³ /h	60 m	MAX
IRRIGATION	10,8m ³ /h	67 m	MULTINOX-A
WASHING			

CB / CM

HORIZONTAL CENTRIFUGAL PUMPS

**GREAT RELIABILITY, STURDY AND TOUGH,
HIGH HYDRAULIC PERFORMANCE**



The single impeller centrifugal pumps of the CM Series are quiet and offer high hydraulic performance.

The CB have two opposed impellers with balanced axial thrust which provide high performance making them particularly suitable for civilian and industrial use, autoclave units, etc.



APPLICATIONS	Q Max	H Max	TYPE
PRESSURIZATION SYSTEMS	7,2 m ³ /h	47 m	CM
SMALL IRRIGATION	12 m ³ /h	76 m	CB
HANDLING OF NON-AGGRESSIVE LIQUIDS			
WASHING INSTALLATIONS			

WATERPRESS / AUTOJET / AUTOMAX

PRESSURE UNITS WITH HORIZONTAL EXPANSION TANK AND AUTOMATIC ON / OFF PRESSURIZATION SYSTEMS

COMPLETE SYSTEM READY TO USE



WATERPRESS pressure units are manufactured with JETINOX or MAX type electrical pump. They are supplied wired, complete with expansion tank and pressure switch, ready for installation and use.

AUTOJET and AUTOMAX systems are manufactured with JETINOX and MAX type electrical pumps complete with ON / OFF electronic control device with pressure and flow control.

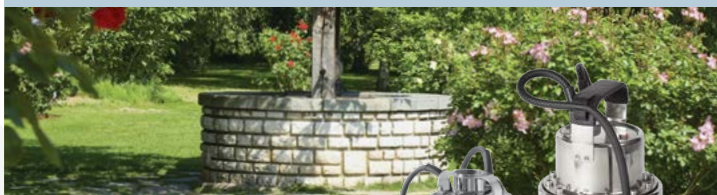


APPLICATIONS	Q Max	H Max	TYPE
PUMPING AND DISTRIBUTION OF WATER	4,8 m ³ /h	60 m	AUTOJET / AUTOMAX
PRESSURIZATION SYSTEM	4,8 m ³ /h	60 m	WATERPRESS
WASHING			
IRRIGATION			

PRATIKA / DOMINATOR 5"

MULTISTAGE CENTRIFUGAL SUBMERSIBLE PUMPS
FOR WELLS AND TANKS

AUTOMATIC VERSION SUPPLIED WITH FLOAT SWITCH



The PRATIKA, DOMINATOR 5" submersible pumps are suitable for installation in traditional wells, water deposits, collection tanks, fresh waterways, lakes, etc.

The DOMINATOR 5" electrical pumps are made entirely in Stainless steel.



APPLICATIONS	Q Max	H Max	TYPE
PUMPING WATER FROM TRADITIONAL WELLS	6 m ³ /h	46 m	PRATIKA
INSTALLATIONS IN TANKS INSIDE HOMES FOR PRESSURIZATION	8,4 m ³ /h	75 m	DOMINATOR 5"
SMALL AUTOMATIC SYSTEMS FOR GARDEN IRRIGATION			

SCM 4 PLUS

SUBMERSIBLE MULTISTAGE CENTRIFUGAL PUMP

RESISTANT TO WATER HAMMER AND THE ABRASIVE ACTION OF THE SAND, EXCELLENT HYDRAULIC PERFORMANCE



The SCM 4 PLUS submersible pumps are composed of a multistage pumping unit connected directly to a submersible motor.

This pump series is particularly suited for pumping in 4" deep wells (100 mm).

The special floating impellers design resists sand and reduces sand locking.



APPLICATIONS	Q Max	H Max	TYPE
LIFTING FROM BOLEHOLE WELLS AUTOMATIC GARDEN IRRIGATION SYSTEMS GRAVITY IRRIGATION FOR AGRICULTURAL USE LIFTING AND SUPPLY OF STORAGE DEPOSITS OR PRESSURE AUTOCLAVES, FOR CIVIL AND INDUSTRIAL SYSTEM DRINKING WATER AQUEDUCTS	8,4 m ³ /h	292 m	SCM 4 PLUS

DP / DPC / DRENOX

SUBMERSIBLE PUMPS FOR DRAINING FRESH WATER

COMPACT AND MANAGEABLE



The DPC / DP submersible pumps for fresh water, are designed for household uses such as draining infiltration water, pumping water from collection wells, basins or cisterns.

The pumps of the DRENOX Series are manufactured completely in AISI 304 stainless steel.

The cooling of the motor is achieved through a thermal exchange chamber which allows the machine to work for longer periods when not completely immersed.



APPLICATIONS	Q Max	H Max	TYPE
DRAINAGE OF INFILTRATING WATER	9 m ³ /h	7 m	DP
PUMPING RAIN WATER FROM GRATES OR WELLS	9 m ³ /h	10 m	DPC
EMPTYING ROOMS, TANKS AND WELLS	18 m ³ /h	10,5 M	DRENOX
FOUNTAINS AND WATER FEATURES			
IRRIGATION			

OMNIA / DPV

SUBMERSIBLE PUMPS FOR DIRTY WATER

COMPACT AND MANAGEABLE



The pumps of the OMNIA Series are manufactured completely in AISI 304 stainless steel.

The cooling of the motor is done through a thermal exchange chamber which allows the machine to work for longer periods not completely submerged.

The DPV submersible pump for dirty water is designed for household uses, can be used to handle water containing impurities up to 25 mm in diameter, for dirty water collection tanks emptying.



APPLICATIONS	Q Max	H Max	TYPE
DRAINAGE OF HOUSEHOLD WASTE WATER	6 m³/h	6,5 m	DPV
EMPTYING ROOMS, TANKS AND WELLS	12 m³/h	7,8 m	OMNIA

BIOX XS / MINIVORT

VORTEX SUBMERSIBLE PUMPS FOR FOUL WASTE WATER

STURDY AND RELIABLE



The BIOX XS pumps are manufactured completely in AISI 304 stainless steel.

Manufactured with vortex impeller on the principle of vortex operation. Automatic (AUT) version complete with float switch.

The MINIVORT pumps are manufactured entirely in cast iron and designed for use in fixed or mobile installations on the principle of the vortex operation thanks to the high quality impeller.



APPLICATIONS	Q Max	H Max	TYPE
ALL PUMPING AND EMPTYING OPERATION OF WASTE WATER, CIVILIAN AND INDUSTRIAL SEWER SYSTEMS WITH SUSPENDED SOLIDS	21 m ³ /h 48 m ³ /h	9,6 m 12,1 m	BIOX XS MINIVORT
LIFTING STATIONS WITH ONE OR MORE PUMPS FOR AGRICULTURAL, CIVILIAN AND INDUSTRIAL COMPLEXES			

DHR / A-DHR

MULTISTAGE CENTRIFUGAL PUMPS

LOW ENERGY CONSUMPTION, EXTREMELY QUIET



The pumps of the DHR Series are horizontal non-self-priming centrifugal pumps.

All rotating parts in contact with the pumped liquid are in AISI 304 stainless steel.

Impellers and diffusers manufactured entirely in AISI 304 stainless steel, threaded connections prepared also for oval connections (range DHR 9).



APPLICATIONS	Q Max	H Max	TYPE
PUMPING AND DISTRIBUTION OF WATER IN HOUSEHOLD SYSTEM IN CONTINUOUS OR INTERMITTENT USE	15,5 m ³ /h 7,2 m ³ /h	63 m 10 m	DHR A-DHR
PRESSURIZATION SYSTEM			
WASHING AND IRRIGATION			
GARDENS AND FOUNTAINS			

EASYBOOST / PRESSOMAT / SENSORMAT

PRESSURE UNITS WITH COMMAND PRESSURE SWITCH /
TRANSDUCERS

**HIGH HYDRAULIC PERFORMANCE,
STURDY, COMPACT**



Unit for the automatic pressurization of fixed speed water distribution networks with 2 to 4 electrical pumps, with or without jockey pump.



APPLICATIONS	Q Max	H Max	TYPE
WATER PUMPING AND DISTRIBUTION IN HOUSEHOLD SYSTEMS	47 m ³ /h	150 m	EASYBOOST
PUBLIC BUILDINGS	79 m ³ /h	161m	PRESSOMAT
INDIVIDUAL HOUSES	119 m ³ /h	161 m	SENSORMAT
APARTMENT BLOCKS			
GARDENS IRRIGATION			

FREQUENCY CHANGER VARIABLE SPEED PRESSURE UNITS

HIGH PERFORMANCE, CONSTANT PRESSURE



These are units for the automatic pressurization of water distribution networks with three-phase electrical supply, with transducer command and variable speed.



APPLICATIONS	Q Max	H Max	TYPE
WATER NETWORKS PUBLIC BUILDINGS APARTMENT BLOCKS HOSPITALS SCHOOLS HOTELS SPORTS COMPLEXES INDUSTRY	158 m ³ /h	161 m	FREQUENCY CHANGER

FIREMAT-UNI EN12845

FIREFIGHTING PRESSURE UNITS



These are units for the automatic pressurization of fire fighting systems designed and manufactured in conformity with the standard UNI EN12845.

Firefighting also available in compliance with standard UNI 10779.



APPLICATIONS	Q Max	H Max	TYPE
FIREFIGHTING SYSTEMS UNI EN12845	660 m ³ /h	100 m	FIREMAT

PROPUMPSIZER SELECTION SOFTWARE



JUNG PUMPEN - NOCCHI

"ProPumpSizer" is a new, expanded planning tool to help you select the right size of pump. The ProPumpSizer combines an intelligently designed selection system with detailed product data and clearly structured calculation methods. A wide range of new functions and up-to-date data are just some of the many advantages offered by this new tool.

The user can make a selection in different ways, based on the operating point, type of application or product name. The hydraulically based selection determines the operating point, which is then shown as pump and system characteristic curves. The user is then guided through various menus, to select the valves, pipelines and wastewater units to be connected, until the desired result is found.

As well as providing specification texts, data sheets and characteristic curves, the comprehensive database also includes software for quotation texts and prices. The user is also provided with suggestions regarding useful and relevant pump accessories. The integrated software for the preparation of quotations allows changes to be made manually to the prices and text passages, and new items can be added as required. The user management system allows each registered user to select the specific features that he/she requires. The software supports many other languages in addition to Italian German and English.

Website: www.propumpsizer.com



CONTACTS

Marketing

Customer Service

Technical Support

LENNTECH

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289



WE PUT ENERGY INTO YOUR WATER

Founded in 1977, today Nocchi is part of the Pentair Group.

For over 35 years, we have been involved in the design and production of electrical pumps for handling water, providing our customers with quality products and solutions that are functional for every type of requirement.

Within the wide Nocchi range, engineering firms and plumbing and heating/cooling distributing centres can find products and systems which meet all the water and pressurization supply needs within the context of residential and collective construction, irrigation and industry.



INSPIRED SOLUTIONS FOR A CHANGING WORLD

Discover solutions to improve the products with the experience and the knowledge of our customers and sales team

Continuous **Development** with our engineer team using the most advanced technology in order to develop products respecting the environment

Deploy a whole range of products able to grant all possible pumping solutions for every application



NOCCHI

Pentair Water Italy
Via Masaccio, 13 56010 LUGNANO (PI) - ITALY

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.
NV260PE70 ED. IT - rev0 - 02/15 © 2013 Pentair, Inc. All Rights Reserved.

LENNTECH

info@lenntech.com Tel. +31-152-610-900
www.lenntech.com Fax. +31-152-616-289