

# RETRACTABLE POWER TOWER

FOR DISTRIBUTION OF ENERGY AND SERVICES



# **RETRACTABLE POWER TOWER**

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# MISSION

The company's goal is to offer smart and consistent solutions to the canons of design and urban furniture that allows to Socketsrve the beauty of the landscape and the integrity of the architectural style of buildings, towns and historic city centres. That's not all: the company's products are designed by respecting the natural environment, choosing ecological and ecofriendly materials,

Moreover, the satisfaction of clients and partners is a key factor and a priority for the company: New VMR S.r.l. proves his commitment by offering flexibility and professionalism when it comes down to creating tailor-made products manufactured with high-quality materials of an elegant, sophisticated design.

# FIVE REASONS TO CHOOSE NEW VMR s.r.I

#### ENERGY AND SERVICES ONLY WHEN NEEDED

The Urban Technology line of New VMR S.r.l. consists of multifunctional retractable power towers for a safer and smarter distribution of electricity and complementary services, at hand only when needed. Furthermore, the retractable power towers help to improve the quality and safety of the city and the environment around us in a smart way.

# SAFER SYSTEMS FOR THE SUPPLY OF ELECTRICITY AND OTHER SERVICES

The use of retractable power towers can prevent vandalism and the improper use of services. The units can be adapted to any type of environment thanks to a wide range of different finishes and solutions. These are just some of the perks that can be obtained by using the retractable power towers,

### FIELDS OF APPLICATION

centers, shopping centers, piers and marinas, caravan parks and camping areas, airports and hangars, railway and underground stations, as well as stadiums.

On the other hand, in private environments they are installed in places such as villas, gardens, swimming pools, condominium spaces, workshops and industrial warehouses.

Retractable distribution systems reSocketsnt a highly functional and design aspect everywhere.

# PRODUCT DIVERSIFICATION AND MULTIPLE SOLUTIONS

The structure of the retractable power towers is made of AISI304 (or AISI316L stainless steel on request) stainless steel, painted with epoxy polyester powder, available in a wide range of different colors. The manhole covers of the units are available in D400 spheroidal cast iron or in AISI 304 stainless steel with a capacity of 40kN; they can be round, square, nonslip surface or fillable with different materials, always suitable for every specific need. The movement of the retractable power towers can be manual, tear-off or with with a worm screw system; or semi-automatic with gas spring. The mechanical structure and equipment of the retractable units

can have a RBK300 concrete box, ideal for installations on the street or in pedestrian areas.

#### EQUIPMENT: ELECTRIC SOCKETS AND MORE!

to meet customer needs. The reractable systems allow the safe distribution of electricity, water, compressed air, speech systems, data transmission and much more! The solutions are not limited to the simple creation of retractable switchboards: our distribution units are evolving, becoming smart thanks to the integration of prepaid systems

## NEW VMR S.r.l.

is an Italian company, born with goal to provide innovative solutions to improve the quality of urban spaces, with an eye on respecting the environment by preferring ecofriendly materials and low environmental impact systems.

New VMR designs and manufactures smart systems for the distribution of services, complementing its proposal with sober and elegant designed urban furnishing accessories, using exclusively ecofriendly materials and high-quality stainless steel.



# **ABOUT US**

New VMR S.r.l. proudly creates made in Italy products and is specialised in the manufacture of retractable power tower and bollard for the supply of electric power and complementary services. It's a strong dinamic and entirely Italian company that can boast its young team with a twenty-year experience in the sector and its high-quality products, always capable of meeting the clients' needs with tailor-made projects and designs.

The company was founded in 2003 in Cantù, Italy, from the collaboration of a young and dynamic staff and its desire to take a challange; shortly after New VMR S.r.l. reached the global market and now is trying to go on even further in order to become a strong personality in the sector, reknowed worldwide.

- resulting in to obtain the lowerest environmental impact as possible.

  - already a symbol of high quality and safety.
- In public spaces they are used for squares, market areas, hotels and lodges, historic centers, public parks, sports

- The Urban Technology line by New VMR S.r.l. consists in retractable power towers, fully customisable and remote monitoring of consumption.

# RETRACTABLE POWER TOWERS, FLIP LID UNITS AND FLOORBOXES

There when you need them, hidden when you don't!

New VMR designs and manifactures retractable power towers, in-ground units and flip lid units for indoors and outdoors:

the perfect way to Socketsrve the natural and the urban landscape.

#### WHAT IS A RETRACTABLE POWER TOWER SYSTEM?

to the provision of services only when needed and, when you've done with it, they hide themselves away within our cities, avoiding vandalism and the improper use of public services.

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Thanks to retractable power tower, flip lid units and floorboxes any urban space will become polyvalent and ready to hold fairs or events at any time without having to set up temporary installations, thus helping to limit costs and save money.

The cover can be filled with any type of building material or you can place above an additional cover to optimise its camouflage; for example, in football fields the second option is commonly used by creating a cover filled with synthetic grass!

These are just some of the benefits that can be obtained by using the New VMR retractable service supply systems, of high-quality and reliability.

It's possible to equipe the units with GRP sockets and with electrical panel made of butyl rubber.

# 

VM01 VM01 F900 VM02 4040 VM02 5050 VM02 6060 VM02 6030 VM02 7050 VM03 VM03 VM04 VM05

VM06 VM07

VM08

FLOOR BOX 3030

FLOOR BOX 4040

FLOOR BOX 5050

FLY BOX

VM HOME

VM02 7040 WALL BOX

# **GENERAL TECHNICAL DETAILS**

### MOVEMENT SYSTEMS

Manual lifting with turning handle and wormscrew system: models VM01, VM04, VM05, VM06, VM07, VM08

Semiautomatic lifting with release key and gas rams models VM02, VM03, FLOORBOX

> Manually raised models FLY BOX and VM HOME

# STRUCTURE

RBK concrete box (excluded models VM02 7050, FLOORBOX, FLY BOX and VM HOME)

Structure made of AISI304 stainless steel

Structure made of AISI316L stainless steel (only on demand)

### CONNECTION SYSTEM

Connection with H07RN-F cable (out of the concrete 3.00mt standard) to a dorsal shaft for models VM01, VM04, VM05, VM06, VM07, VM08

Connection with H07RN-F cable (3,00mt standard) and junction box for models VM02, VM03, FLOORBOX

#### ELECTRICAL SPECS

Voltage 230V/400V Frequency from 50hz to 60hz Standard protection of the sockets IP67 or IP68 Regulation EN 60947-1 and EN 61439

#### ADDITIONAL EQUIPMENT

Audio / video connectors RJ-data / video / telephone jacks Water outlets / valves 1/2" or 3/4" Energy consumption meters Water consumption meters Wall Box for electric car and vehicle charging system (only model VM02 7040) Prepaid system with rechargeable BADGE cards and CONTROL TOTEM

# WHICH MODEL TO CHOOSE?

With several options to choose from, which one is best for my needs?

#### FOR INSTALLATIONS LINKED TO THE MARKET AREAS

surely the VM02, VM03, VM04 and VM05 models of the Urban Technology line of New VMR S.r.l. are the most versatile: the first two allow access to services even when closed, while the others allow to host a fair number of outlets in order to be able to serve more users.

#### ARE WE TALKING ABOUT VERY LARGE PUBLIC SPACES, PROTAGONISTS OF MAJOR EVENTS AND FAIRS?

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**VM01** allows you to house equipment with electrical sockets with high amperages, useful for setting up stages for concerts and shows. VM01, along with VM06, VM07 and VM08 are the best retractable solutions for industrial warehouses, hangars and production centers: not only are they very capacious, but they allow the installation of manhole covers certified for high load capacities.

The **FLOORBOX** line, on the other hand, is very versatile and suitable for **INDOOR PLACES**, where the possibility of excavation is very limited: museums, shopping centers, gyms, swimming pools, showrooms and beauty centers can have numerous energy points without ruining the aesthetics of the local a nd allowing temporary installations even in usually clear areas.

> In addition to the **FLOORBOX** line, FLY BOX and VM HOME are the models designed for **PRIVATE** and **DOMESTIC ENVIRONMENTS**: not only for interiors, but also for patios and courtyards.

Compressed air outlets









































**VM01** 

Retractable power tower, model VM01 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 with two sides available for mounting electrical equipment and two sides for water taps or the compressed air outlets. The sliding of the unit is ensured by self-lubricating polythene guides. Manual lifting thanks to the worm screw system and by its turning handle or special accessory to mount on an electric drill; or, only on demand and if it is possible, the unit may also come with a semi-automatic lifting ensured by gas rams and release key. Complete with RBK concrete box with the following external dimensions 600x660xh960mm.

### **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1).

Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

- AVAILABLE EQUIPMENTS AT PAGE 52 -

# **AVAILABLE COVERS**



D400 CAST IRON EN 124 COVER



**250 CAST IRON EN 124 COVER to FILL** 



250kN STAINLESS STEEL\* **COVER to FILL** 

\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks

STEEL\* COVER with

ALMOND FINISH





# **Technical drawing (example)**

100 CONCRET  $\triangleleft$ 760 CONCRETE GRAVEL 300-500mm

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WITH CAST IRON COVER to FILL

80 760 CONCRETE GRAVEL 300-500mm WITH STAINLESS STEEL COVER with ALMOND FINISH/ to FILL





# 00 20 5 5 298 945 8 1000 1100 CONCRETE

# **MECHANICAL SPECS**

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Retractable power tower, model VM01 from the "Urban Technology" line of New VMR S.r.l., f or the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 with two sides available for mounting electrical equipment and two sides for water taps or the compressed air outlets. The sliding of the unit is ensured by self-lubricating polythene guides. Manual lifting thanks to the worm screw system and by its turning handle or special accessory to mount on an electric drill; or, only on demand and if it is possible, the unit may also come with a semi-automatic lifting ensured by gas rams and release key. Complete with RBK concrete box with the following external dimensions 1000x1000xh944mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8 / 7).

- AVAILABLE EQUIPMENTS AT PAGE 53 -

# **AVAILABLE COVERS**



F900



300-500mm

# **Technical drawing (example)**







Retractable power tower, model VM02 4040 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Complete with RBK concrete box with the following external 490x490xh370mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 54 -

# **AVAILABLE COVERS**



**400kN STAINLESS** STEEL\* COVER with ALMOND FINISH



\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks





# **Technical drawing (example)**





Retractable power tower, model VM02 5050 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Complete with RBK concrete box with the following external dimensions 590x590xh470mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 55 -

# **AVAILABLE COVERS**



**400kN STAINLESS** STEEL\* COVER with ALMOND FINISH

250kN STAINLESS STEEL\* **COVER to FILL** 

\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks











Retractable power tower, model VM02 6060 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Complete with RBK concrete box with the following external dimensions 690x690xh490mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 56 -

### **AVAILABLE COVERS**



400kN sTAINLESS STEEL\* COVER with ALMOND FINISH



\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks









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# **MECHANICAL SPECS**

Retractable power tower, model VM02 6030 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator a nd a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Dimensions: 335x610xh365mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670.

This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - EQUIPMENTS ON REQUEST -

# **AVAILABLE COVERS**







\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks







Retractable power tower, model VM02 7050 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Dimensions: 516x750xh715mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 57 -

# **AVAILABLE COVERS**



**400kN STAINLESS** STEEL\* COVER with ALMOND FINISH



\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks



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# **MECHANICAL SPECS**

Retractable power tower, model VM03 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, with AISI304 stainless steel frame and D400 cast iron EN 124 cover completed with two cable outlets to allow to use the unit with its cover closed. Non-slip surface according to UNI EN 124 class D400; surface features the mandatory class D400, EN 124 and certification body mark. The cast iron cover is manufactured in certified facilities according to ISO 9001 quality standards. The union between cover and the frame is ensured by bronze hinges, easily replaceable. Semiautomatic lifting with release key and gas rams; the opening is eased by a double gas actuator and a pivot partially removable from the lid surface. The closing is guaranteed by a bronze bayonet lock, protected from dust and water by a hinged flap door. Complete with RBK concrete box with the following external dimensions 590x590xh470mm.

### ELECTRICAL SPECS

thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 58 -

# **AVAILABLE COVERS**



D400 CAST IRON EN 124 COVER







# **MECHANICAL SPECS**

Retractable power tower, model VM04 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 with two sides available for mounting electrical equipment. Manual lifting by its special hooked-key up to its lock position. Complete with RBK concrete box with the following external dimensions 490x490xh740mm.

# **ELECTRICAL SPECS**

CElectrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable f or manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 59 -

# **AVAILABLE COVERS**



**400kN STAINLESS** STEEL\* COVER with ALMOND FINISH



\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks



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# **VM05**



# **MECHANICAL SPECS**

Retractable power tower, model VM05 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 with two sides available for mounting electrical equipment. The sliding of the unit is ensured by self-lubricating polythene guides. Manual lifting thanks to the worm screw system and by its turning handle or special accessory to mount on an electric drill; or, only on demand and if it is possible, the unit may also come with a semi-automatic lifting ensured by gas rams and release key. Complete with RBK concrete box with the following external 490x490xh740mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - AVAILABLE EQUIPMENTS AT PAGE 60 -

# **AVAILABLE COVERS**



**400kN STAINLESS** STEEL\* COVER with ALMOND FINISH



\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks













# **MECHANICAL SPECS**

Retractable power tower, model VM06 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 with two sides available for mounting electrical equipment. The sliding of the unit is ensured by self-lubricating polythene guides. Manual lifting thanks to the worm screw system and by its turning handle or special accessory to mount on an electric drill; or, only on demand and if it is possible, the unit may also come with a semi-automatic lifting ensured by gas rams and release key. Completed with its D400 cast iron EN 124 cover. Complete with RBK concrete box with the following external dimensions 660x660xh960mm.

# **ELECTRICAL SPECS**

thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

- AVAILABLE EQUIPMENTS AT PAGE 61 -

# **AVAILABLE COVERS**



D400 CAST IRON EN 124 COVER



# **Technical drawing (example)**



300-500mm



# **MECHANICAL SPECS**

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Retractable power tower, model VM07 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 and with one side available for mounting electrical equipment. Manual lifting by its special ergonomic handle up to its lock position. Cover with semiautomatic lifting with release key and gas rams; the opening is eased by a double gas actuator and a pivot partially removable from the lid surface. The closing is guaranteed by a bronze bayonet lock, protected from dust and water by a hinged flap door. D400 cast iron EN 124 cover. Non-slip surface according to UNI EN 124 class D400; surface features the mandatory class D400, EN 124 and certification body mark. The cast iron cover is manufactured in certified facilities according to ISO 9001 quality standards. Complete with RBK concrete box with the following external dimensions 660x660xh960mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant t o abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670.

This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

- AVAILABLE EQUIPMENTS AT PAGE 62 -

#### **AVAILABLE COVERS**



D400 CAST IRON EN 124 COVER



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# **MECHANICAL SPECS**

Retractable power tower, model VM08 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, made of press-bent AISI304 stainless steel painted RAL 1021 with two sides available for mounting electrical equipment and two sides for water taps or the compressed air outlets. The sliding of the unit is ensured by self-lubricating polythene guides. Manual lifting thanks to the worm screw system and by its turning handle or special accessory to mount on an electric drill. Complete with RBK concrete box with the following external dimensions 1000x1000xh944mm.

# ELECTRICAL SPECS

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant t o abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

- AVAILABLE EQUIPMENTS AT PAGE 63 -

# **AVAILABLE COVERS**





250kN STAINLESS STEEL\* **COVER to FILL** 



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Retractable power tower, model FLOORBOX 3030 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Dimensions 300x300mm with variable height from h250mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

#### - EQUIPMENTS ON REQUEST -

# **AVAILABLE COVERS**



**400kN STAINLESS STEEL\* COVER with** ALMOND FINISH

250kN STAINLESS STEEL\* **COVER to FILL** 

\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks



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Retractable power tower, model FLOORBOX 4040 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Dimensions 400x400mm with variable height from h250mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

- EQUIPMENTS ON REQUEST -

# **AVAILABLE COVERS**



**400kN STAINLESS STEEL\* COVER with** ALMOND FINISH

250kN STAINLESS STEEL\* **COVER to FILL** 

\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks











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Retractable power tower, model FLOORBOX 4545 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Dimensions 500x500mm with variable height from h250mm.

# **ELECTRICAL SPECS**

Electrical equipment containment box with IP 66 protection IEC 60 529 and CE70-1 double insulation in thermoplastic material free of halogen self-extinguishing halogen, painted gray RAL 7035 resistant to abnormal heat and fire up to 650 ° (incandescent wire test according to IEC 60 695-2 -1). Elastomer sealing gaskets for dimensional stability in continuous operation from -20 ° to + 85 °. Resistance to chemical agents (water, saline solutions, acids, bases and oils) and atmospheric agents. Reference standards: CEI 23-48 and IEC 60 670. This system is suitable for manufacturing equipment and for places with a higher risk of fire (IEC 64-8/7).

- EQUIPMENTS ON REQUEST -

# **AVAILABLE COVERS**



**400kN STAINLESS STEEL\* COVER with** ALMOND FINISH



\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks







# FLY BOX



# **MECHANICAL SPECS**

distribution of energy and other services, entirely made of AISI304 stainless steel with its 125kN stainless steel\* cover with almond finish completed with cable outlet to allow to use the unit with its cover closed. Manual lifting with its square key and closing guaranteed by a AISI304 stainless steel bronzed bayonet lock. Dimensions 120x120mm, h400mm.

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# **ELECTRICAL SPECS**

IP67/IP68 SCHUKO fly socket, compliant with the declaration of conformity VDE and EAC (SCHUKO socket) and with the declaration of conformity IEC 60309-2, IEC 60309-1, IEC 60529, IK08 EN 62262, 850 °C IEC 60695-2-1 (industrial sockets). IP68 fly SCHUKO socket - Completed with bayonet lock lid attached by a strap, for cables up to  $3 \times 2.5 \text{ mm}^2$ , up to H07RN-F. Standard contact and connection with screw terminals. IP67/IP68 industrial fly sockets - Cable gland and external cable grip. Highly heat resistant contact carrier and connection with screw terminals.

- AVAILABLE EQUIPMENTS AT PAGE 64 -

# **AVAILABLE COVERS**



125kN STAINLESS STEEL\* COVER with ALMOND FINISH

(E-(6-( =---170 CONCRETE đħ 

100 VCRE

170 CONCRETE

# **Technical drawing (example)**











mod. 120x120

# **MECHANICAL SPECS**

Retractable power tower, model VM HOME from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its 120kN stainless steel\* cover to fill or satin finish, completed with cable outlet. Manual lifting of the cover. Dimensions 120x120mm or 200x200mm and h120mm.

- AVAILABLE EQUIPMENTS AT PAGE 65 -

# **AVAILABLE COVERS**



120kN STAINLESS STEEL\* **COVER SATIN FINISH** 

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120kN STAINLESS STEEL\* COVER to FILL



mod. 200x200

# **Technical drawing (example)**







Retractable power tower, model VM02 7050 from the "Urban Technology" line of New VMR S.r.l., for the distribution of energy and other services, entirely made of AISI304 stainless steel with its cover completed with cable outlet to allow to use the unit with its cover closed. Semiautomatic lifting with release key and gas rams: the opening is eased by a double gas actuator and a pivot partially removable from the lid surface; the closing is guaranteed by a AISI304 stainless steel bronzed bayonet lock, operated by its square key. Dimensions: 416x750xh715mm.

### **ELECTRICAL SPECS**

Smart Wall Box in Halogen-free engineering plastics, for wall assembly, equipped with display and Type 2 socket 1P+N+PE 32A 230 Vac 7.4 kW, fitted with safety shutters in compliance with standard IEC/EN 62196-2, equipped with Energy Meter and Residual Current Circuit Breaker Overcurrent Protection (RCBO).Suitable for electric vehicle charging in «mode 3» in compliance with standard EN61851-1. Version for domestic charging in absolute safety, featuring Power Management function, allowing the vehicle charging current to be adapted based on the user's contractual power and the current absorbed by domestic loads, thus preventing the main meter from unexpectedly tripping. Exclusive design with «dual Feel Sensitive» finish, highly resistant to UV rays, high-level IP54 protection against dust and water. Working frequency 50/60Hz, 230V, GW 650°C, IK08 and with working temperature -30°C/+50°C.

#### - EQUIPMENTS ON REQUEST -

# **AVAILABLE COVERS**



**400kN STAINLESS STEEL\* COVER with** ALMOND FINISH

250kN STAINLESS STEEL\* **COVER to FILL** 

\* electro pickling and electropolishing with passivation of stainless steel treatment to finish and clean the covers from welding marks







# EQUIPMENTS

OF ELECTRICAL CONFIGURATIONS

> EQUIPMENTS IN THERMOPLASTIC CABINET OR BUTYL RUBBER ON DEMAND

EXAMPLES

# EQUIPMENTS



#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

#### VM01 - A \* / \*\*

52

12 2P+E 16A CEE sockets
12 RCBOs 1P+N 16A 0,03 6KA
01 heating kit + MCB 6A (Lovato

#### VM01 - B \* / \*\*

,
06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

#### VM01 - C \* / \*\*

10 2P+E 16A CEE sockets
10 RCBOs 1P+N 16A 0,03 6KA
02 2P+E 32A CEE sockets
02 RCBOs 1P+N 32A 0,03 6KA
01 heating kit

# VM01 - D \* / \*\*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
02 2P+E 32A CEE sockets
02 RCBOs 1P+N 32A 0,03 6KA
01 3P+N+E 63A CEE socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

# VM01 - E \* / \*\*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 3P+N+E 63A CEE socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

# VM01 - F \* / \*\*

03 2P+E I6A CEE sockets
03 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 63A CEE socket
01 RCBO 4x63A 0,03 6KA
01 3P+N+E 125A CEE socket
01 RCBO 4x125A 0,03 25KA
01 heating kit

# VM01 - G \* / \*\*

06 2P+E I6A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 125A CEE socket
01 RCBO 4x125A 0,03 25KA
01 heating kit

#### VM01 - H \* / \*\*

08 2P+E 16A interlocked sockets 08 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM01 - I \* / \*\*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 04 3P+N+E 16A interlocked sockets 04 RCBOs 4x16A 0,03 6KA 01 heating kit

#### VM01 - L \* / \*\*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 02 3P+N+E 16A interlocked sockets 02 RCBOs 4x16A 0,03 6KA 01 3P+N+E 63A interlocked socket 01 RCBO 4x63A 0,03 6KA 01 heating kit

#### VM01 - M \* / \*\*

	04 2P+E 16A interlocked sockets
	04 RCBOs 1P+N 16A 0,03 6KA
ĺ	01 3P+N+E 125A socket with
	electrical interlock
ĺ	01 RCBO 4x125A 0,03 25KA
ĺ	01 heating kit

#### WITHOUT EQUIPMENT- ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT **OPTIONAL ACCESSORIES**

\* 01 or 02 ball valves 1/2" per water or compressed air, on sides \*\* 01 or 02 RJ45 cat.06 data sockets, on sides

# EQUIPMENT VM0 F900



### SUITABLE FOR

civil and military hangars

#### VM01 F900 - A

01 compressed air 1/2" outlet with safety connection

01 earthing ground system with bayonet connection (Marechal code 4-2401-050 CS2 IP45 1P 150A <50V

+ Marechal code 4-2301-450 CS2)

#### VM01 F900 - B

01 interlocked socket 150A
03 voltage indicator lights
01 2P+E 16A CEE socket
01 3P+N+E 125A CEE socket
01 3P+N+E 32A CEE socket
02 civil sockets in IP67 cabinet
01 16A 28V socket with transformer
01 compressed air 1/2" outlet
02 RJ45 cat.06 data sockets + FO cabinet
02 Emergency switch buttons (one
place on each side)

01 bayonet connection 1P 150A socket

VM01 F900 - C
01 interlocked 3P+N+E 63A
04 2P+E 16A interlocked sockets
04 SCHUKO sockets
06 RCBOs 1P+N 16A 0,03 6KA
02 24V sockets with transfomer
01 earthing
03 compressed air 1/2" outlets
01 vacuum outlet
63A PROTECTION UPSTREAM

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#### WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT





### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

#### VM02 4040 - A \*

01 2P+E 16A CEE socket
01 RCBO 1P+N 16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

### VM02 4040 - B \*

02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 heating kit

## VM02 4040 - C \*

03 2P+E 16A CEE socket	
03 RCBOs 1P+N 16A 0,03 6KA	
01 heating kit	

#### VM02 4040 - D \*

01 2P+E 32A CEE socket
01 RCBO 1P+N 32A 0,03 6KA
01 heating kit

VM02 4040 - E *	
01 3P+N+E 32A CEE socket	
01 RCBO 4x32A 0.03 6KA	

	NCDO +	NJZA 0,05 01VA	
01	heating	kit	

#### VM02 4040 - F \*

02 2P+E 16A interlocked sockets
with fuse
01 3P+N+E 16A interlocked socket
with fuse
01 3P+N+E 32A interlocked socket
with fuse

#### VM02 4040 - G \*

03 2P+E 16A interlocked sockets with fuse 01 3P+N+E 16A interlocked socket with fuse

#### VM02 4040 - H \*

04 2P+E 16A interlocked sockets with fuse

VM02 4040 - I	
04 ball valves 1/2"	
VM02 4040 - L	
02 ball valves 1/2"	
02 water meters	

#### SUITABLE FOR

indoors, private areas or showrooms

VM02 4040 - M *
04 civil sockets
04 SCHUKO sockets
01 heating kit
of ficating kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT **OPTIONAL ACCESSORIES** \* 01 ball valve 1/2" mounted on the concrete

#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

VM02 5050 - A *
04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 ball valve 1/2" for water or
compressed air
01 heating kit

#### VM02 5050 - B \*

06 2P+E 16A CEE sockets 06 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

VM02 5050 - C *
02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

VM02 50	50 - D *
03 2P+E 1	6A CEE sockets
03 RCBO	s 1P+N 16A 0,03 6KA
01 3P+N+	E 16A CEE socket
01 RCBO	4x16A 0,03 6KA
01 heating	g kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT **OPTIONAL ACCESSORIES** \* 01 ball valve 1/2" mounted on the concrete





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### VM02 5050 - E \*

02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 16A CEE sockets
02 RCBOs 4x16A 0,03 6KA
01 heating kit

VM02 5050 - F *	
03 2P+E 16A CEE sockets	
03 RCBOs 1P+N 16A 0,03 6KA	
01 3P+N+E 32A CEE socket	
01 RCBO 4x32A 0,03 6KA	
01 heating kit	

VM02 5050 - G *
02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 32A CEE sockets
02 RCBOs 4x32A 0,03 6KA
01 heating kit

## VM02 5050 - H \*

01 3P+N+E 63A socket with electrical

55

interlock

01 RCBO 4x63A 0,03 6KA

01 heating kit

#### VM02 5050 - I \*

02 2P+E 16A interlocked sockets 02 RCBOs 1P+N 16A 0,03 6KA 01 3P+N+E 16A interlocked socket 01 RCBO 4x16A 0,03 6KA 01 heating kit

VM02 5050 - L *
02 2P+E 16A interlocked sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 32A interlocked socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

#### SUITABLE FOR

indoors, private areas or showrooms







#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

#### VM02 6060 - A \*

56

08 2P+E 16A CEE sockets	
08 RCBOs 1P+N 16A 0,03 6KA	
01 heating kit	

#### VM02 6060 - B \*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

### VM02 6060 - C \*

02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

#### VM02 6060 - D \*

02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

#### VM02 6060 - E \*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

#### VM02 6060 - F\*

06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 heating kit

### VM02 6060 - G \*

06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

#### VM02 6060 - H \*

06 2P+E 16A interlocked sockets 06 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM02 6060 - I \*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 02 3P+N+E 16A interlocked sockets 02 RCBOs 4x16A 0,03 6KA 01 heating kit

#### VM02 6060 - L \*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 02 3P+N+E 32A interlocked sockets 02 RCBOs 4x32A 0,03 6KA 01 heating kit

# VM02 6060 - M \*

02 2P+E 16A interlocked sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A interlocked socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT OPTIONAL ACCESSORIES \* 01 or 02 ball valve 1/2" mounted on the concrete

/M0

7050

#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

# VM02 7050 - A \*

08 2P+E 16A CEE sockets 08 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM02 7050 - B \* 04 2P+E 16A CEE sockets 04 RCBOs 1P+N 16A 0,03 6KA 01 3P+N+E 16A CEE socket 01 RCBO 4x16A 0,03 6KA 01 3P+N+E 32A CEE socket 01 RCBO 4x32A 0,03 6KA 01 heating kit

VM02 7050 - C *
02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

# VM02 7050 - D \* 02 2P+E 16A CEE sockets

02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT OPTIONAL ACCESSORIES \* 01 or 02 ball valve 1/2" mounted on the concrete

VM02 7050 - E *
03 2P+E 16A CEE sockets
03 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 63A interlocked socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

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VM02 7050 - F *
02 3P+N+E 63A interlocked sockets
02 RCBOs 4x63A 0,03 6KA
01 heating kit

VM02 7050 - G *
01 3P+N+E 125A interlocked socket
01 RCBO 4x125A 0,03 25KA
01 heating kit

VM02 7050 - H *
04 3P+N+E 16A interlocked sockets
04 RCBOs 4x16A 0,03 6KA
01 heating kit

VM02 7050 - I \* 02 3P+N+E 32A interlocked sockets 02 RCBOs 4x32A 0,03 6KA 01 heating kit

VM02 7050 - L \* 04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

# EQUIPMENTS



#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

VM03- A *
04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 ball valve 1/2" for water or
compressed air
01 heating kit

#### VM03 - B \*

06 RCBOs 1P+N 16A 0,03 6KA
01 heating kit

#### VM03 - C \*

02 2P+E 16A CEE sockets	
02 RCBOs 1P+N 16A 0,03 6KA	
01 3P+N+E 16A CEE socket	
01 RCBO 4x16A 0,03 6KA	
01 3P+N+E 32A CEE socket	
01 RCBO 4x32A 0,03 6KA	
01 heating kit	

VM03 - D *
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03 2P+E 16A CEE sockets
03 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA

# VM03 - E \*

02 2P+E 16A CEE sockets	
02 RCBOs 1P+N 16A 0,03 6KA	
02 3P+N+E 16A CEE sockets	
02 RCBOs 4x16A 0,03 6KA	
01 heating kit	

#### VM03 - F \*

VM03 - G *	
02 2P+E 16A CEE sockets	
02 RCBOs 1P+N 16A 0,03 6KA	
02 3P+N+E 32A CEE sockets	
02 RCBOs 4x32A 0,03 6KA	
01 heating kit	

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~ 7	70	<b>N</b> 1	_	

UI JP+IN+E UJA SUCKEL WILLI EIECLIIC
interlock
01 RCBO 4x63A 0,03 6KA
01 heating kit

#### VM03 - I \*

02 2P+E 16A interlocked sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A interlocked socket
01 RCBO 4x16A 0,03 6KA
01 heating kit

/M03 - L *
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02 2P+E 16A interlocked sockets
02 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 32A interlocked socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT **OPTIONAL ACCESSORIES** \* 01 ball valve 1/2" mounted on the concrete





#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

VM04 - A \* / \*\* 08 2P+E 16A CEE sockets 08 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM04 - B \*\*

04 2P+E 16A CEE sockets 04 RCBOs 1P+N 16A 0,03 6KA 02 ball valves 1/2" for water or compressed air 01 heating kit

#### VM04 - C \*\* 06 2P+E 16A CEE sockets 06 RCBOs 1P+N 16A 0,03 6KA 01 ball valve 1/2" for water or compressed air 01 heating kit

VM04 - D * / **
042P+E16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

#### WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT OPTIONAL ACCESSORIES | TO BE FITTED BY REMOVING SOME SOCKETS FOR THE EQUIPMENTS VM04-A-B-C-D-E-G-H-L-M ON THE EMPTY SIDE FOR VM04-F

\* 01 or 02 ball valves 1/2" per water or compressed air

#### VM04 - E \* / \*\* 062P+E16ACEE sockets 06 RCBOs 1P+N 16A 0,03 6KA 022P+E32ACEE sockets 02 RCBOs 1P+N 32A 0,03 6KA 01 heating kit

#### VM04 - F \* / \*\*

013P+N+E63ACEEsocket	
01 RCBO 4x63A 0,03 6KA	
01 heating kit	

#### VM04 - G \* / \*\*

022P+E16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
023P+N+E16A CEE sockets
02 RCBOs 4x16A 0,03 6KA
023P+N+E32ACEE sockets
02 RCBOs 4x32A 0,03 6KA
01 heating kit

# VM04 - H \* / \*\*

02 3P+N+E 16A interlocked sockets 02 RCBOs 4x16A 0,03 6KA 02 3P+N+E 32A interlocked sockets 02 RCBOs 4x32A 0,03 6KA 01 heating kit

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# VM04 - I \* / \*\*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM04 - L \* / \*\*

022P+E16A interlocked sockets 02 RCBOs 1P+N 16A 0,03 6KA 013P+N+E16A interlocked socket 01 RCBOs 4x16A 0,03 6KA 013P+N+E32A interlocked socket 01 RCBOs 4x32A 0,03 6KA 01 heating kit

#### VM04 - M \* / \*\*

02 2P+E 16A interlocked sockets with fuse 013P+N+E 16A interlocked socket with fuse 013P+N+E 32A interlocked socket with fuse 01 heating kit

\*\* 01 o 02 Sockets dati RJ45 cat.06

# EQUIPMENTS VM05



### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

VM05 - A * / **
-----------------

08 2P+E 16A CEE sockets	
08 RCBOs 1P+N 16A 0,03 6KA	
01 heating kit	

#### VM05 - B \*\*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
02 ball valves 1/2" for water or
compressed air
01 heating kit

### VM05 - C \*\*

06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 ball valve 1/2" for water or
compressed air
01 heating kit

VM05 -	D*/	**
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042P+E16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

#### VM05 - E \* / \*\* 06 2P+E 16A CEE sockets 06 RCBOs 1P+N 16A 0,03 6KA

02 2P+E 32A CEE sockets	
02 RCBOs 1P+N 32A 0,03 6KA	
01 heating kit	

#### VM05 - F \* / \*\*

01 3P+N+E 63A CEE socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

#### VM05 - G \* / \*\*

0	2 2P+E 16A CEE sockets
0	2 RCBOs 1P+N 16A 0,03 6KA
0	2 3P+N+E 16A CEE sockets
0	2 RCBOs 4x16A 0,03 6KA
0	2 3P+N+E 32A CEE sockets
0	2 RCBOs 4x32A 0,03 6KA
0	1 heating kit

VM05 - H * / **
02 3P+N+E 16A interlocked sockets
02 RCBOs 4x16A 0,03 6KA
02 3P+N+E 32A interlocked sockets
02 RCBOs 4x32A 0,03 6KA
01 heating kit

#### VM05 - I \* / \*\*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM05 - L \* / \*\*

02 2P+E 16A interlocked sockets	
02 RCBOs 1P+N 16A 0,03 6KA	
01 3P+N+E 16A interlocked socket	
01 RCBOs 4x16A 0,03 6KA	
01 3P+N+E 32A interlocked socket	
01 RCBOs 4x32A 0,03 6KA	
01 heating kit	

#### VM05 - M \* / \*\*

02 2P+E 16A interlocked sockets with fuse
01 3P+N+E 16A interlocked socket with fuse
013P+N+E 32A interlocked socket with fuse
01 heating kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT OPTIONAL ACCESSORIES | TO BE FITTED BY REMOVING SOME SOCKETS FOR THE EQUIPMENTS VM05-A-B-C-D-E-G-H-L-M ON THE EMPTY SIDE FOR VM05-F

\* 01 or 02 ball valves 1/2" per water or compressed air
\*\* 01 o 02 Sockets dati RJ45 cat.06

#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

#### VM06 - A \*/\*\*

12 2P+E 16A CEE sockets 12 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM06 - B \*/\*\* 06 2P+E 16A CEE sockets 06 RCBOS 1P+N 16A 0,03 6KA 01 3P+N+E 16A CEE socket 01 RCBO 4x16A 0,03 6KA 01 3P+N+E 32A CEE socket 01 RCBO 4x32A 0,03 6KA 01 heating kit

VM06 - C * / **
10 2P+E 16A CEE sockets
10 RCBOs 1P+N 16A 0,03 6KA
02 2P+E 32A CEE sockets
02 RCBOs 1P+N 32A 0,03 6KA
01 heating kit

VM06 - D *	/*
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04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
02 2P+E 32A CEE sockets
02 RCBOs 1P+N 32A 0,03 6KA
01 3P+N+E 63A CEE socket
01 RCBO 4x63A 0,03 6KA
01 heating kit

# WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT

OPTIONAL ACCESSORIES | TO BE FITTED BY REMOVING SOME SOCKETS OF THE EQUIPMENTS BELOW \* 01 or 02 ball valves 1/2" per water or compressed air, on sides \*\* 01 or 02 RJ45 cat.06 data sockets, on sides

# EQUIPMENTS VM06



#### VM06 - E \* / \*\*

04 2P+E 16A CEE sockets	
04 RCBOs 1P+N 16A 0,03 6KA	
01 3P+N+E 16A CEE socket	
01 RCBO 4x16A 0,03 6KA	
01 3P+N+E 32A CEE socket	
01 RCBO 4x32A 0,03 6KA	
01 3P+N+E 63A CEE socket	
01 RCBO 4x63A 0,03 6KA	
01 heating kit	

VM06 - F * / **
06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 125A CEE socket
01 RCBO 4x125A 0,03 25KA

#### 01 heating kit

#### VM06 - G \* / \*\* 06 2P+E 16A interlocked sockets

06 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

### VM06 - H \* / \*\*

042P+E16A interlocked sockets
04 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 16A interlocked sockets
02 RCBOs 4x16A 0,03 6KA
01 heating kit

### VM06 - I \* / \*\*

022P+E16A interlocked sockets
02 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 16A interlocked sockets
02 RCBOs 4x16A 0,03 6KA
013P+N+E 63A socket with electrical interlock
01 RCBO 4x63A 0,03 6KA
01 heating kit

# EEQUIPMENTS



#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

VM07	- A	* /	/ **
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08 2P+E 16A CEE sockets	
08 RCBOs 1P+N 16A 0,03 6KA	
01 heating kit	

#### VM07 - B \*\*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
02 ball valves 1/2" for water or
compressed air
01 heating kit

#### VM07 - C \*\*

06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
01 ball valve 1/2" for water or
compressed air
01 heating kit

### VM07 - D \* / \*\*

04 2P+E 16A CEE sockets
04 RCBOs 1P+N 16A 0,03 6KA
01 3P+N+E 16A CEE socket
01 RCBO 4x16A 0,03 6KA
01 3P+N+E 32A CEE socket
01 RCBO 4x32A 0,03 6KA
01 heating kit

#### VM07 - E \* / \*\*

06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
02 2P+E 32A CEE sockets
02 RCBOs 1P+N 32A 0,03 6KA
01 heating kit

### VM07 - F \* / \*\*

01 3P+N+E 63A CEE socket 01 RCBO 4x63A 0,03 6KA 01 heating kit

#### VM07 - G \* / \*\*

02 2P+E 16A CEE sockets
02 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 16A CEE sockets
02 RCBOs 4x16A 0,03 6KA
02 3P+N+E 32A CEE sockets
02 RCBOs 4x32A 0,03 6KA
01 heating kit
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#### VM07 - H \* / \*\*

02 3P+N+E 16A interlocked sockets 02 RCBOs 4x16A 0,03 6KA 02 3P+N+E 32A interlocked sockets 02 RCBOs 4x32A 0,03 6KA 01 heating kit

#### VM07 - I \* / \*\*

04 2P+E 16A interlocked sockets 04 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM07 - L \* / \*\*

02 2P+E 16A interlocked sockets	
02 RCBOs 1P+N 16A 0,03 6KA	
01 3P+N+E 16A interlocked socket	
01 RCBOs 4x16A 0,03 6KA	
01 3P+N+E 32A interlocked socket	
01 RCBOs 4x32A 0,03 6KA	
01 heating kit	

#### VM07 - M \* / \*\*

02 2P+E 16A interlocked sockets with fuse 01 3P+N+E 16A interlocked socket with fuse 013P+N+E 32A interlocked socket with fuse 01 heating kit

WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT OPTIONAL ACCESSORIES | TO BE FITTED BY REMOVING SOME SOCKETS FOR THE EQUIPMENTS VM07-A-B-C-D-E-G-H-L-M ON THE EMPTY SIDE FOR VM07-F

\* 01 or 02 ball valves 1/2" per water or compressed air \*\* 01 o 02 Sockets dati RJ45 cat.06



**VM08** 

#### SUITABLE FOR

market areas, squares, showrooms, parks, hangars or hotels

#### VM08 - A \* / \*\*

32 2P+E 16A CEE sockets 32 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM08 - B \* / \*\*

24 2P+E 16A CEE sockets 24 RCBOs 1P+N 16A 0,03 6KA 01 heating kit

#### VM08 - C \*\*

12 2P+E 16A CEE sockets 12 RCBOs 1P+N 16A 0,03 6KA 02 3P+N+E 16A CEE sockets 02 RCBOs 4x16A 0,03 6KA 02 3P+N+E 32A CEE sockets 02 RCBOs 4x32A 0,03 6KA 01 heating kit

# VM08 - D \* / \*\*

20 2P+E 16A CEE sockets 20 RCBOs 1P+N 16A 0,03 6KA 04 2P+E 32A CEE sockets 04 RCBOs 1P+N 32A 0,03 6KA 01 heating kit

#### VM08 - E \* / \*\*

08 2P+E 16A CEE sockets
08 RCBOs 1P+N 16A 0,03 6KA
04 2P+E 32A CEE sockets
04 RCBOs 1P+N 32A 0,03 6KA
02 3P+N+E 63A CEE sockets
02 RCBOs 4x63A 0,03 6KA
01 heating kit

**OPTIONAL ACCESSORIES** \* 01 or 02 ball valves 1/2" per water or compressed air, on sides

VM08 - F * / **
08 2P+E 16A CEE sockets
08 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 16A CEE sockets
02 RCBOs 4x16A 0,03 6KA
02 3P+N+E 32A CEE sockets
02 RCBOs 4x32A 0,03 6KA
02 3P+N+E 63A CEE sockets
02 RCBOs 4x63A 0,03 6KA
01 heating kit

#### VM08 - G \* / \*\*

06 2P+E 16A CEE sockets
06 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 63A CEE sockets
02 RCBOs 4x63A 0,03 6KA
02 3P+N+E 125A CEE sockets
02 RCBOs 4x125A 0,03 25KA
01 heating kit

#### VM08 - H \* / \*\*

12 2P+E 16A CEE sockets
12 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 125A CEE sockets
02 RCBOs 4x125A 0,03 25KA
01 heating kit

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# VM08 - I \* / \*\*

1	0 ZP+E 10A III.enockeu sockels
1	6 RCBOs 1P+N 16A 0,03 6KA
(	01 heating kit

#### VM08 - L \* / \*\*

08 2P+E 16A interlocked sockets 08 RCBOs 1P+N 16A 0,03 6KA 08 3P+N+E 16A interlocked sockets 08 RCBOs 4x16A 0,03 6KA 01 heating kit

#### VM08 - M \* / \*\*

08 2P+E 16A interlocked sockets 08 RCBOs 1P+N 16A 0,03 6KA 04 3P+N+E 16A interlocked sockets 04 RCBOs 4x16A 0,03 6KA 01 3P+N+E 63A interlocked sockets 01 RCBOs 4x63A 0,03 6KA 01 heating kit

VM08 - N * / **
08 2P+E 16A interlocked sockets
08 RCBOs 1P+N 16A 0,03 6KA
02 3P+N+E 125A sockets with
electrical interlock
01 RCBO 4x125A 0,03 25KA
01 heating kit

# WITHOUT EQUIPMENT - ONLY STAINLESS STEEL PLATE TO MOUNT THE EQUIPMENT

**\*\*** 01 or 02 RJ45 cat.06 data sockets, on sides







#### SUITABLE FOR

indoors, both private and showrooms or porches

FLY BOX - A 01 SCHUKO fly socket

FLY BOX - B 01 2P+E fly socket

FLY BOX - C 01 3P+N+E 16A fly socket

FLY BOX - D

01 3P+N+E 32A fly socket



SUITABLE FOR both private and showrooms

VM HOME - A \* 02 SCHUKO sockets VM HOME - B \* 02 civil sockets





SUITABLE FOR both private and showrooms



WITHOUT EQUIPMENT

\* 01 (for VM HOME 120) or 02 (for VM HOME 200) RJ45 cat.06 data sockets 01 TV connector



# OPTIONAL ACCESSORIES REMOVING 1 OR 2 SOCKETS FROM THE EQUIPMENT

# WITH CONTROL TOTEM



# **NEW VMR S.R.L.**

can integrate to its retractable power towers a prepaid system BASED ON RECHARGEABLE BADGE CARDS;

#### THE SYSTEM IS COMPLETED WITH THE CONTROL TOTEM UNIT,

which allows to enable/disable the outlets of each retractable power tower and remotely to change the fees and monitor the consumptions.

The system will be completed with the retractable power towers, each connected by BUS network cables to the Control Totem, core of the system and that has the following functions:

# 01

For the owner it is the instrument to control the consumptions and change the fees remotely from the office; Control Totem is connected to the Internet network of the plant by BUS cables

# 02

For the final users it is the instrument to gain access to the outlets and pay just what it has been consumed by using the BADGE card; thanks to the touch screen mounted on the Control Totem is possible to select the retractable power tower and the desired outlets and, once finished, it is possible to disable the outlets and check the credit left on the BADGE card corrisponding to how much it has been consumed





AISI 304/316L Stainless steel, brushed or mirror finish AISI 304/316L Stainless steel painted RAL colours and with airbrushed logos on demand

1000	1001	1002	1003	1004	1005	1006	1007
1011	1012	1013	1014	1015	1016	1017	1018
1019	1020	1021	1023	1024	1027	10028	10032
1033	1034	2000	2001	2002	2003	2004	2008
2009	2010	2011	2012	3000	3001	3002	3003
3004	3005	3007	3009	3011	3012	3013	3014
3015	3016	3017	3018	3020	3022	3027	3031
4001	4002	4003	4004	4005	4006	4007	4008
4009	5000	5001	5002	5003	5004	5005	5007
5008	5009	5010	5011	5012	5013	5014	5015
5017	5018	5019	5020	5021	5022	5023	5024
6000	6001	6002	6003	6004	6005	6006	6007
6008	6009	6010	6011	6012	6013	6014	6015
6016	6017	6018	6019	6020	6021	6022	6024
6025	6026	6027	6028	6029	6032	6033	6034
7000	7001	7001	7002	7003	7004	7005	7006
7008	7009	7010	7011	7012	7013	7015	7016
7021	7022	7023	7024	7026	7030	7031	7032
7033	7034	7035	7036	7037	7038	7039	7040
7042	7043	7044	8000	8001	8002	8003	8004
8007	8008	8011	8012	8014	8015	8016	8017
8019	8022	8023	8024	8025	8028	9001	9002
9003	9004	9005	9010	9011	9016	9017	9018

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# PREPAID SYSTEM WITH CONTROL TOTEM SPECS

Prepaid system

WITH RECHARGEABLE BADGE CARDS AND CONTROL TOTEM BY NEW VMR S.r.l.,

useful to remotely monitor the consumptions and change the fees of the plant from the office placed locally a nd completed with desk RFID reader, credit-management software and BADGE cards.

CONTROL TOTEM UNIT OF THE URBAN TECHNOLOGY LINE BY NEW VMR S.r.I.

made of AISI304 stainless steel (AISI316L on demand and if installed in sea areas), completed with RFID reader and touch screen to select the retractable power towers and the desired outlets. Hidden panel with control unit box and PC server module. To be connected to the power alimentation and to the Internet network on site by BUS cables. Variable dimensions according to the size of the plant it has to control.

# **EXTRAS AND OPTIONAL DEVICES**

REMOTE SW LICENSE

license that allows to remotely monitor the consumptions and change the fees from devices not connected to the Internet network Socketsnt on site.

WALL CASH

AISI304 stainless steel, or AISI316L on demand, wall cash box to recharge the BADGE cards with coins or banknotes. Completed with RFID reader and microSD slot to be used to control that the money inside corresponding to the import recorded in the microSD.

> The images are solely intended to represent the range of available finishes. Colour variations between the printed version and real sample are therefore possible.





#### WWW.VMRSRL.COM

NEW VMR S.R.L.

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