

# SURFACE MOUNTED PUMPS

## PERIPHERAL TURBINE PUMPS 1" INLET/OUTLET

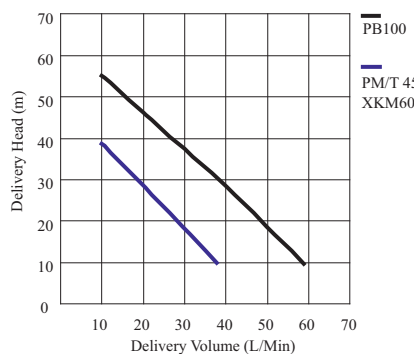
**E**

| MODEL | MATERIAL  | VOLT | KG  | H x W x L       | LM/HM | kW   | CODE      | PRICE |
|-------|-----------|------|-----|-----------------|-------|------|-----------|-------|
| XKM60 | CAST IRON | 230v | 6.2 | 152 x 130 x 260 | 40/40 | 0.37 | LEO XKM60 |       |
| XKM80 | CAST IRON | 230v | 9.0 | 180 x 140 x 295 | 60/70 | 0.75 | LEO XKM80 |       |
| PM45  | BRASS     | 230v | 6.2 | 155 x 125 x 265 | 40/40 | 0.37 | 022-020   |       |
| PMT45 | BRASS     | 415v | 6.2 | 155 x 125 x 265 | 40/40 | 0.37 | 022-024   |       |
| PB100 | BRASS     | 230v | 8.2 | 280 x 140 x 170 | 52/55 | 0.6  | 022-040   |       |
| PB100 | BRASS     | 415v | 8.2 | 280 x 140 x 170 | 52/55 | 0.6  | 022-044   |       |

The PM/PB range are peripheral turbine pumps, made to develop high pressure with limited flow rates. The pump impeller and pump casing are made of brass.

XKM60 pump impeller made of brass, pump body cast iron.

Clean water only with a maximum temp of 70°C. Used mainly for water pressure boosting of small scale booster systems and washing systems.



XKM60



PM45



PB100

## CM CENTRIFUGAL PUMPS – MEDIUM DUTY, LOW PRESSURE 1" INLET/OUTLET

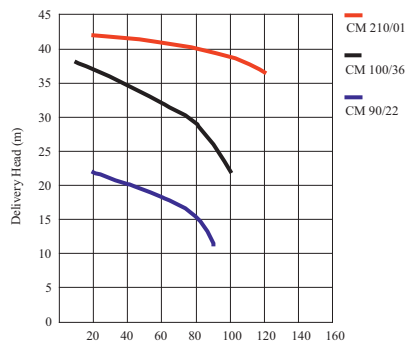
**E**

| MODEL        | KG   | H x W x L       | LM/HM  | kW   | CODE    | PRICE |
|--------------|------|-----------------|--------|------|---------|-------|
| CM 50 230v   | 8    | 202 x 160 x 267 | 90/22  | 0.75 | 022-110 |       |
| CM 100 230v  | 12.6 | 232 x 185 x 310 | 100/36 | 1.16 | 022-120 |       |
| CMT 210 415v | 23   | 285 x 225 x 348 | 120/44 | 1.65 | 022-140 |       |

High flow, low pressure pumps.

Clean water use with no abrasives.

CM 90-22 has a technopolymer impeller and a max temp rating of 50°C. CM 100-36 has a brass impeller and a max rating of 90°C.



CM 90-22

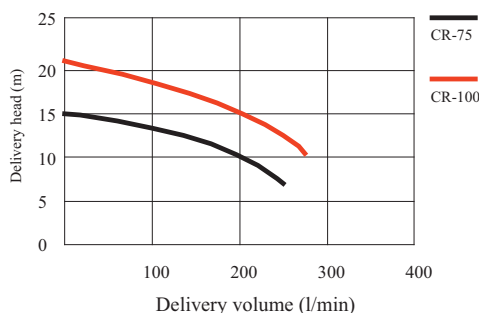
## CR100 CENTRIFUGAL PUMPS

OPEN IMPELLER – HIGH FLOW – 10mm SOLIDS HANDLING – 1/2" INLET, 1/4" OUTLET

**E**

| MODEL       | KG   | H x W x L       | LM/HM  | kW  | CODE    | PRICE |
|-------------|------|-----------------|--------|-----|---------|-------|
| CR75 230v   | 14   | 222 x 170 x 308 | 250/15 | 0.8 | 022-316 |       |
| CR100 230v  | 14.4 | 222 x 170 x 308 | 300/21 | 1.2 | 022-320 |       |
| CRT100 415v | 14.4 | 222 x 170 x 308 | 300/21 | 1.2 | 022-322 |       |

High flow, low pressure pumps. Centrifugal brass open impeller capable of handling up to 10mm soft solids. Cast iron pump body. Carbon mechanical seal.



CR100

# SURFACE MOUNTED PUMPS

## JET SELF PRIMING CENTRIFUGAL PUMPS TRADITIONAL CAST IRON

**E**

| MODEL            | KG   | H x W x L       | LM/HM  | kW  | CODE    | PRICE |
|------------------|------|-----------------|--------|-----|---------|-------|
| JET 600M 230v    | 15   | 190 x 182 x 400 | 45/41  | 0.7 | 022-260 |       |
| JET 1000M 230v   | 17.8 | 190 x 182 x 425 | 70/50  | 1   | 022-280 |       |
| JET 1000T 415v   | 17.8 | 190 x 182 x 425 | 70/50  | 1   | 022-284 |       |
| JET 1000M 110v   | 17.8 | 190 x 182 x 425 | 70/50  | 1   | 022-282 |       |
| JET 100-68M 230v | 29.4 | 235 x 220 x 500 | 100/68 | 2   | 022-292 |       |
| JET 100-68T 415v | 29.4 | 235 x 220 x 500 | 100/68 | 2   | 022-293 |       |
| JET 100-80T 415v | 31   | 235 x 220 x 500 | 100/80 | 2.2 | 022-294 |       |

Jet Cast Iron



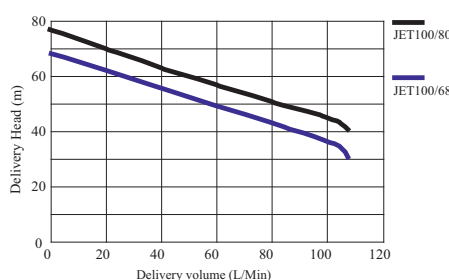
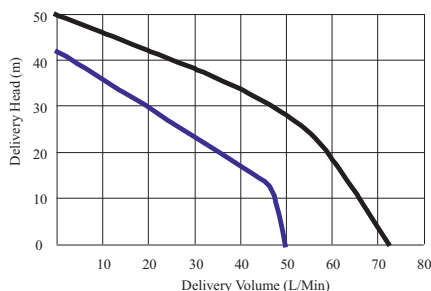
Jet 600/1000 1" inlet/outlet/Jet 100-68/80 1½ inlet 1" outlet.

Cast iron pump body and motor bracket. Impeller, diffuser and venturi system made from technopolymer. (Jet 100-68/80 impeller made from brass).

Clean water only with a maximum temp of 50°C.

Maximum suction height of 7 metres with footvalve.

Main uses include booster systems, washing systems and garden irrigation.



Pura Garden Jet



## PURA - JET PUMP SELF PRIMING

GENERAL DUTY PUMP COMPLETE WITH HANDLE, SWITCH AND LEAD - NORYL PUMP BODY

**E**

| MODEL           | KG  | H x W x L       | LM/HM | kW   | CODE    | PRICE |
|-----------------|-----|-----------------|-------|------|---------|-------|
| PURA 230v       | 8   | 184 x 174 x 360 | 60/42 | 0.65 | 022-250 |       |
| PURA 110v       | 8   | 184 x 174 x 360 | 60/42 | 0.65 | 022-252 |       |
| PURA GARDEN JET | 8.5 | 184 x 174 x 360 | 45/37 | 0.65 | 022-420 |       |



Pura

## JET STAINLESS STEEL SELF PRIMING

**E**

| MODEL              | KG  | H x W x L       | LM/HM | kW   | CODE    | PRICE |
|--------------------|-----|-----------------|-------|------|---------|-------|
| JETINOX 45/42 230v | 8   | 190 x 178 x 351 | 45/42 | 0.65 | 022-253 |       |
| JETINOX 60/50 230v | 8.6 | 190 x 178 x 351 | 60/50 | 0.8  | 022-266 |       |
| JETINOX 90/50 230v | 13  | 260 x 235 x 430 | 90/50 | 1.5  | 022-286 |       |
| INOX 80 110v       | 8   | 199 x 175 x 360 | 40/45 | 0.79 | 022-285 |       |



Jetinox

Pura, Jetinox and Inox 1" inlet/outlet.

Jetinox 90/50 1¼ inlet, 1" outlet.

Pura has noryl pump body.

Jetinox and Inox have stainless steel pump bodies.

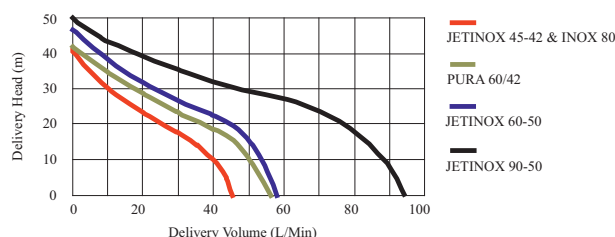
Impeller, diffuser/venturi system made from technopolymer.

Clean water only with a maximum temp of 50°C.

Maximum suction height of 7 metres with footvalve.

Main uses include booster systems, washing systems and garden irrigation.

Pura Garden Jet Kit comes complete with handle, switch, 1.5 metre power cable and 4 metre suction kit and strainer.



# SURFACE MOUNTED PUMPS

## DHI CENTRIFUGAL MULTISTAGE PUMPS 230v STAINLESS STEEL IMPELLERS & DIFFUSERS 1/4" INLET & OUTLET

**E**

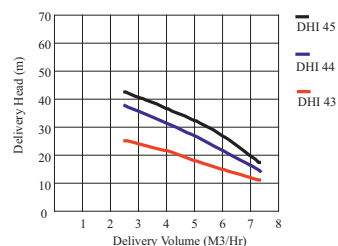
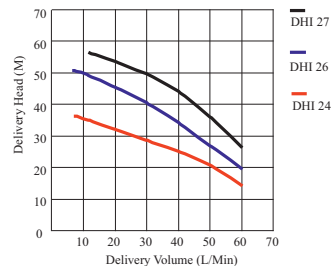
| MODEL             | KG | H x W x L       | LM/HM  | kW   | CODE     | PRICE |
|-------------------|----|-----------------|--------|------|----------|-------|
| <b>230v Range</b> |    |                 |        |      |          |       |
| DHI 24M           | 12 | 235 x 205 x 400 | 60/35  | 0.75 | 422-1000 |       |
| DHI 26M           | 13 | 235 x 205 x 430 | 60/50  | 0.95 | 422-1010 |       |
| DHI 27M           | 13 | 235 x 205 x 460 | 60/60  | 1.2  | 422-1020 |       |
| DHI 43M           | 13 | 235 x 205 x 400 | 120/25 | 0.75 | 422-1030 |       |
| DHI 44M           | 14 | 235 x 205 x 430 | 120/35 | 1    | 422-1040 |       |
| DHI 45M           | 17 | 235 x 205 x 460 | 120/43 | 1.25 | 422-1050 |       |

|                   |    |                 |        |      |          |  |
|-------------------|----|-----------------|--------|------|----------|--|
| <b>415v Range</b> |    |                 |        |      |          |  |
| DHI 24T           | 12 | 235 x 205 x 400 | 60/35  | 0.75 | 422-1070 |  |
| DHI 26T           | 13 | 235 x 205 x 430 | 60/50  | 0.95 | 422-1080 |  |
| DHI 27T           | 13 | 235 x 205 x 460 | 60/60  | 1.2  | 422-1090 |  |
| DHI 43T           | 13 | 235 x 205 x 400 | 120/25 | 0.75 | 422-1100 |  |
| DHI 44T           | 14 | 235 x 205 x 430 | 120/35 | 1    | 422-1110 |  |
| DHI 45T           | 17 | 235 x 205 x 460 | 120/43 | 1.25 | 422-1060 |  |

Base Plate

401-780

DHI horizontal multistage pumps produce high flow and pressure in performance. Not self priming and should not be allowed to run dry. Stainless steel impellers, diffusers, shaft and seal holder plate. Clean water only with no solids or abrasives and a maximum liquid temperature of 90°C. Examples of uses include water pressure booster systems, irrigation and food and wine industries.

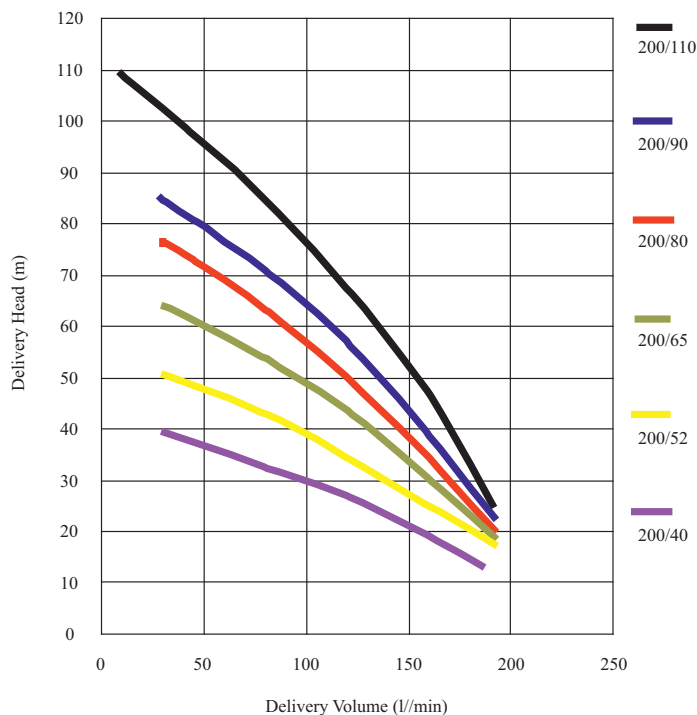


## MULTINOX-VE VERTICAL MULTISTAGE PUMPS 1 1/4" INLET/OUTLET

**E**

| MODEL                  | KG | H x W x L       | LM/HM   | kW  | CODE    | PRICE |
|------------------------|----|-----------------|---------|-----|---------|-------|
| MULTI-VE 200-40M 230v  | 20 | 438 x 204 x 204 | 200/40  | 1.5 | 022-502 |       |
| MULTI-VE 200-52M 230v  | 22 | 466 x 204 x 204 | 200/52  | 1.8 | 022-504 |       |
| MULTI-VE 200-65M 230v  | 24 | 504 x 204 x 204 | 200/65  | 2   | 022-505 |       |
| MULTI-VE 200-40T 415v  | 20 | 438 x 204 x 204 | 200/40  | 1.5 | 022-503 |       |
| MULTI-VE 200-52T 415v  | 22 | 466 x 204 x 204 | 200/52  | 1.8 | 022-506 |       |
| MULTI-VE 200-65T 415v  | 24 | 504 x 204 x 204 | 200/65  | 2   | 022-508 |       |
| MULTI-VE 200-80T 415v  | 26 | 525 x 204 x 204 | 200/80  | 2.6 | 022-510 |       |
| MULTI-VE 200-90T 415v  | 28 | 555 x 204 x 204 | 200/90  | 2.7 | 022-511 |       |
| MULTI-VE 200-110T 415v | 36 | 600 x 204 x 204 | 200/110 | 3   | 022-512 |       |

Multinox VE vertical multistage pumps are used for a range of pressure boosting applications. High performance along with various different pressures available throughout the range. Booster units, single or twin or as a wash down set are just some examples of what this range can offer. Ideal when high performance and compact dimensions are required. Clean water only with no suspended solids or abrasive material. These units cannot be run dry. Maximum liquid temp 50°C. Impellers and diffusers made from technopolymer.



# SURFACE MOUNTED PUMPS

## MCX CENTRIFUGAL MULTISTAGE PUMPS 230v

**E**

| MODEL | INLET/OUTLET | KG | H x W x L | LM/HM | kW | CODE | PRICE |
|-------|--------------|----|-----------|-------|----|------|-------|
|-------|--------------|----|-----------|-------|----|------|-------|

### 230v Range

|              |        |    |                 |        |      |         |  |
|--------------|--------|----|-----------------|--------|------|---------|--|
| MCX 80-36 M  | 1"     | 7  | 190 x 174 x 296 | 80/36  | 0.6  | 022-210 |  |
| MCX 80-48 M  | 1"     | 7  | 190 x 174 x 318 | 80/48  | 0.8  | 022-220 |  |
| MCX 80-60 M  | 1"     | 10 | 195 x 174 x 360 | 80/60  | 1    | 022-027 |  |
| MCX 120-48 M | 1"     | 10 | 195 x 174 x 338 | 120/48 | 1.1  | 022-230 |  |
| MCX 120-60 M | 1"     | 10 | 195 x 174 x 360 | 120/60 | 1.25 | 022-240 |  |
| MCX 200-40 M | 1 1/4" | 14 | 235 x 205 x 400 | 200/40 | 1.5  | 022-247 |  |
| MCX 200-52 M | 1 1/4" | 16 | 235 x 205 x 430 | 200/52 | 1.8  | 022-248 |  |
| MCX 200-65 M | 1 1/4" | 18 | 235 x 205 x 460 | 200/65 | 2    | 022-241 |  |

### 415v Range

|              |        |    |                 |        |      |         |  |
|--------------|--------|----|-----------------|--------|------|---------|--|
| MCX 80-36 T  | 1"     | 7  | 190 x 174 x 296 | 80/36  | 0.6  | 022-215 |  |
| MCX 80-48 T  | 1"     | 7  | 190 x 174 x 318 | 80/48  | 0.8  | 022-225 |  |
| MCX 80-60 T  | 1"     | 10 | 195 x 174 x 360 | 80/60  | 1    | 022-029 |  |
| MCX 120-48 T | 1"     | 10 | 195 x 174 x 338 | 120/48 | 1.1  | 022-235 |  |
| MCX 120-60 T | 1"     | 10 | 195 x 174 x 360 | 120/60 | 1.25 | 022-245 |  |
| MCX 200-40 T | 1 1/4" | 14 | 235 x 205 x 400 | 200/40 | 1.5  | 022-010 |  |
| MCX 200-52 T | 1 1/4" | 16 | 235 x 205 x 430 | 200/52 | 1.8  | 022-012 |  |
| MCX 200-65 T | 1 1/4" | 18 | 235 x 205 x 460 | 200/65 | 2    | 022-249 |  |

Stainless Steel Base Plate for 80&120

401-770

Stainless Steel Base Plate for 200

401-780

MCX horizontal multistage pumps produce high flow and pressure in performance. Not self priming and should not be allowed to run dry. Technopolymer impellers and diffusers. Clean water only with no solids or abrasives and a maximum liquid temperature of 50°C. Examples of uses include water pressure booster systems, washing and irrigation.



## MAX SELF PRIMING CENTRIFUGAL MULTISTAGE PUMPS

**E**

| MODEL | INLET/OUTLET | KG | H x W x L | LM/HM | kW | CODE | PRICE |
|-------|--------------|----|-----------|-------|----|------|-------|
|-------|--------------|----|-----------|-------|----|------|-------|

|                  |    |    |                 |        |      |         |  |
|------------------|----|----|-----------------|--------|------|---------|--|
| MAX 80-48M 230v  | 1" | 9  | 182 x 176 x 370 | 80/48  | 0.8  | 022-190 |  |
| MAX 120-60M 230v | 1" | 12 | 192 x 176 x 415 | 120/60 | 1.25 | 022-194 |  |

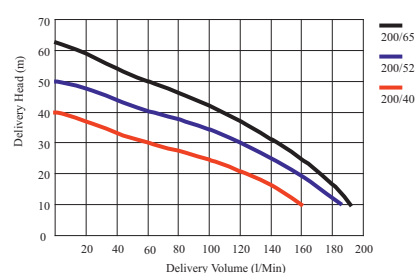
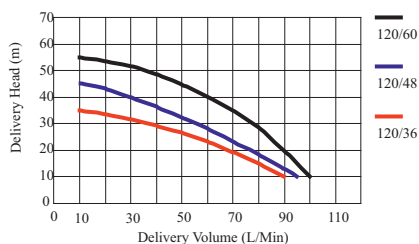
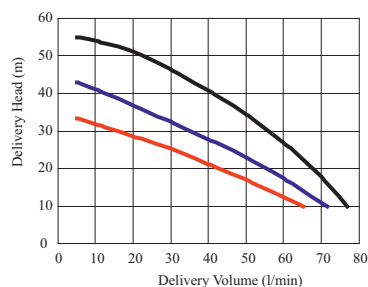
|                 |    |   |                 |       |     |         |  |
|-----------------|----|---|-----------------|-------|-----|---------|--|
| MAX 80-48T 415v | 1" | 9 | 182 x 176 x 370 | 80/48 | 0.8 | 022-192 |  |
|-----------------|----|---|-----------------|-------|-----|---------|--|

|                  |    |    |                 |        |      |         |  |
|------------------|----|----|-----------------|--------|------|---------|--|
| MAX 120-60T 415v | 1" | 12 | 192 x 176 x 415 | 120/60 | 1.25 | 022-196 |  |
|------------------|----|----|-----------------|--------|------|---------|--|

Stainless Steel Base Plate for 80 & 120

401-770

As MCX range but self priming. Maximum suction height 7 metres with foot valve. For MAX pre-built booster sets see page 66 and 67.



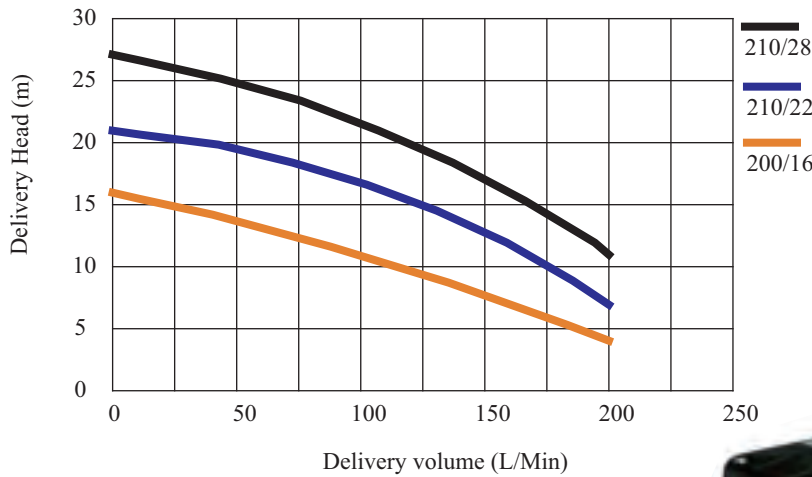
# SURFACE MOUNTED PUMPS

## SSCX STAINLESS STEEL SINGLE IMPELLER CENTRIFUGAL PUMP

E

| MODEL             | INLET/<br>OUTLET | KG   | H x W x L       | LM/HM  | kW   | CODE     | PRICE |
|-------------------|------------------|------|-----------------|--------|------|----------|-------|
| SSCX 200/16M 230v | 1 1/4"/1"        | 8.7  | 240 x 210 x 320 | 210/16 | 0.75 | 460-0010 |       |
| SSCX 210/22M 230v | 1 1/4"/1"        | 12.1 | 250 x 210 x 350 | 210/22 | 1.1  | 460-0050 |       |
| SSCX 210/28M 230v | 1 1/4"/1"        | 13.8 | 250 x 210 x 350 | 210/28 | 1.55 | 460-0090 |       |
| SSCX 200/16T 415v | 1 1/4"/1"        | 8.7  | 240 x 210 x 320 | 210/16 | 0.75 | 460-0020 |       |
| SSCX 210/22T 415v | 1 1/4"/1"        | 12.1 | 250 x 210 x 350 | 210/22 | 1.1  | 460-0060 |       |
| SSCX 210/28T 415v | 1 1/4"/1"        | 13.8 | 250 x 210 x 350 | 210/28 | 1.5  | 460-0100 |       |

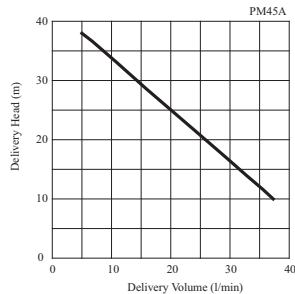
SSCX single impeller centrifugal pump. Pump body, seal housing, impeller and motor shaft manufactured from stainless steel AISI 304. Not self priming and should not be allowed to run dry. Recommended for clean water and liquids that are chemically non aggressive with no suspended solids or abrasive material. Carbon mechanical seal and NBR O rings. Maximum liquid temperature 90°C. Example of uses include booster sets, irrigation and circulation.



## SINGLE PUMP UNIT ELECTRONICALLY CONTROLLED

E

| MODEL   | TANK SIZE | INLET/OUTLET | KG | H x W x L       | LM/HM | kW   | CODE    | PRICE |
|---------|-----------|--------------|----|-----------------|-------|------|---------|-------|
| PM-45 A | /         | 1"           | 9  | 345 x 225 x 260 | 40/40 | 0.37 | 022-402 |       |



PM45 is a peripheral turbine pump for small household systems and simple industrial applications. Complete with Presscontrol wired and ready to go. The Presscontrol will automatically turn the pump on and off when an outlet is opened and closed. In the case of no water to protect the pump from dry running it will switch off. Pump casing and motor bracket made from bronze. Brass impeller. Stainless steel shaft.

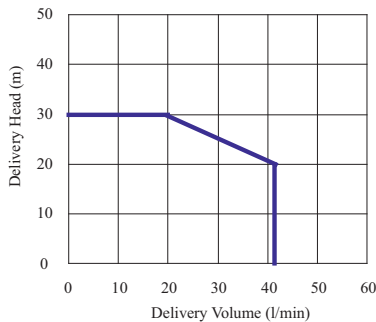


PM-45 A

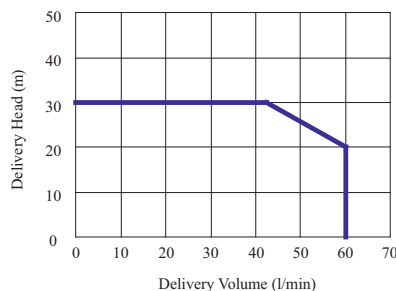
## SINGLE PUMP UNITS SELF PRIMING PRESSURE SWITCH OPERATION C/W MILD STEEL ACCUMULATOR VESSEL

E

| MODEL                                | TANK SIZE | INLET/OUTLET | KG | H x W x L       | LM/HM | kW  | CODE    | PRICE |
|--------------------------------------|-----------|--------------|----|-----------------|-------|-----|---------|-------|
| PURAPRESS                            | 25        | 1"           | 13 | 470 x 260 x 510 | 55/35 | 0.8 | 022-400 |       |
| GARDENPRESS 1000                     | 25        | 1"           | 22 | 550 x 315 x 520 | 70/45 | 1.1 | 022-460 |       |
| GARDENPRESS 1000+                    | 60        | 1"           | 32 | 640 x 370 x 640 | 70/45 | 1.1 | 022-461 |       |
| <b>Using the MAX range of pump:-</b> |           |              |    |                 |       |     |         |       |
| W/PRESS INOX 80/48                   | 25        | 1"           | 12 | 550 x 260 x 520 | 70/45 | 0.8 | 022-480 |       |



PuraPress



GardenPress

Performance shown is at factory preset and can be adjusted

Self priming single pump booster sets complete with pressure switch and mild steel accumulator vessel. Water supply is not always enough to supply the correct amount of water at a suitable pressure, so the best and most affordable solution to solve water deficiency problems is to install a pumped booster system via a 'break' tank. These systems are specifically designed to boost the pressure of the water supply and deliver the correct amount of water to all outlets.

The pre-set pressure switch enables it to automatically start and stop the pump. The water inside the reservoir prevents the pump from restarting if a small amount of water is requested, protecting it from excessive wear and enabling users to save power.

These booster sets are supplied ready to be installed and used. Do not allow to run dry.

Purapress – Noryl pump body, impellers diffuser/ venture system made from technopolymer. Stainless steel shaft. Carbon mechanical seal.

Gardenpress – cast iron pump body and motor bracket. Impeller, diffuser and venture system made from technopolymer. Clean water only with a maximum temperature of 50°C.

W/Press Inox 80/48 – Horizontal multi-stage pump. Stainless steel pump body. Technopolymer impellers and diffusers. Carbon mechanical seal. Clean water only with no solids or abrasives and a maximum liquid temperature of 50°C.



PURAPRESS



GARDENPRESS 1000



WATERPRESS  
INOX 80/48

# PRESSURE BOOSTING SYSTEMS

## SINGLE PUMP UNITS STAINLESS STEEL PRESSURE SWITCH OPERATION C/W STAINLESS STEEL ACCUMULATOR VESSEL

**E**

| MODEL                               | TANK SIZE | INLET/OUTLET | KG | H x W x L       | LM/HM  | kW   | CODE    | PRICE |
|-------------------------------------|-----------|--------------|----|-----------------|--------|------|---------|-------|
| <b>Using Self Priming Jet Pumps</b> |           |              |    |                 |        |      |         |       |
| SUPERINOX 60/50                     | 25        | 1"           | 11 | 550 x 280 x 530 | 55/45  | 0.8  | 022-462 |       |
| SUPERINOX 90/50                     | 25        | 1¼ x 1"      | 12 | 580 x 280 x 530 | 80/45  | 1.5  | 022-464 |       |
| <b>Using the Max range of pump</b>  |           |              |    |                 |        |      |         |       |
| W/P SUPERINOX 120/60                | 25        | 1"           | 13 | 550 x 260 x 520 | 100/55 | 1.25 | 022-495 |       |
| W/P SUPERINOX 120/60+               | 60        | 1"           | 23 | 640 x 370 x 640 | 100/55 | 1.25 | 022-500 |       |



WATERPRESS  
SUPERINOX 120/60

Self priming single pump booster sets complete with pressure switch and stainless steel accumulator vessel. Water supply is not always enough to supply the correct amount of water at a suitable pressure, so the best and most affordable solution to solve water deficiency problems is to install a pumped booster system via a 'break' tank. These systems are specifically designed to boost the pressure of the water supply and deliver the correct amount of water to all outlets.

The pre-set pressure switch enables it to automatically start and stop the pump. The water inside the reservoir prevents the pump from restarting if a small amount of water is requested, protecting it from excessive wear and enabling users to save power.

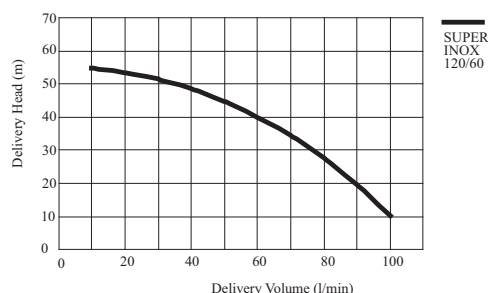
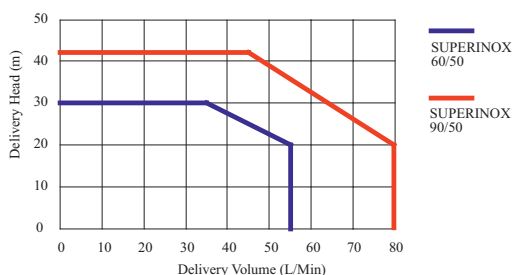
These booster sets are supplied ready to be installed and used. Do not allow to run dry.

Superinox 60/50 & 90/50 use the Jet self-priming pumps. Stainless steel pump bodies. Impeller/ diffuser/ venture system made from technopolymer. Clean water only with a maximum temperature of 50°C.

Waterpress superinox 120/60 Horizontal multistage pump. Stainless steel pump body. Impeller, diffuser system made from technopolymer. Clean water only with a maximum temperature of 50°C.



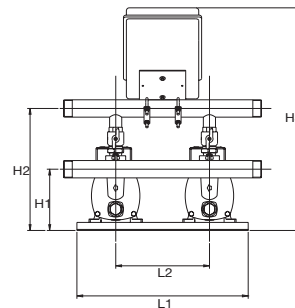
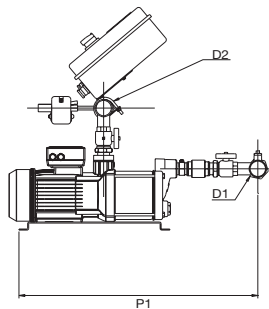
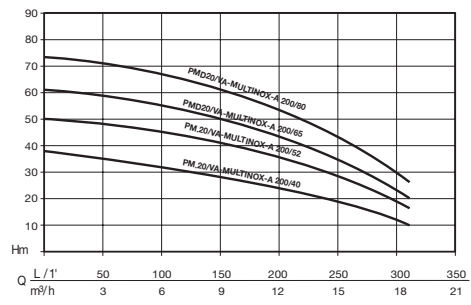
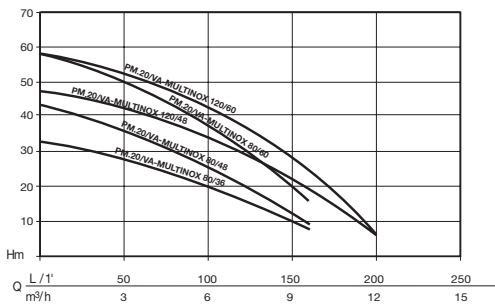
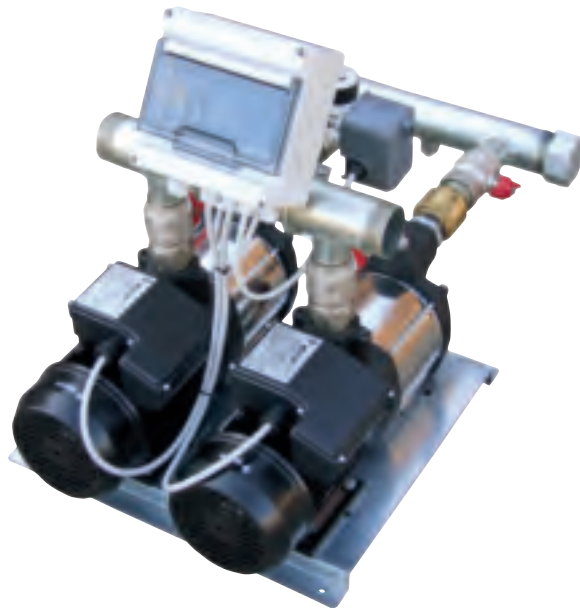
SUPERINOX 90/50



**Shower booster pumps see page 154**

## AUTOMATIC TWIN PRESSURE BOOSTER UNITS

E



| Model     | DIMENSIONS mm |      |     |     |     |      |      |    |    |     |      |      |
|-----------|---------------|------|-----|-----|-----|------|------|----|----|-----|------|------|
|           | L1            |      | P1  | H1  | H2  | H3   |      | D1 | D2 | L2  | Kg   |      |
|           | 230v          | 415v |     |     |     | 230v | 415v |    |    |     | 230v | 415v |
| 80/36/MT  | 470           | 470  | 590 | 200 | 360 | 500  | 560  | 2" | 2" | 220 | 31   | 37   |
| 80/48/MT  | 470           | 470  | 610 | 200 | 360 | 500  | 560  | 2" | 2" | 220 | 35   | 41   |
| 80/60/MT  | 470           | 470  | 650 | 200 | 360 | 500  | 560  | 2" | 2" | 220 | 39   | 45   |
| 120/48/MT | 470           | 470  | 630 | 200 | 360 | 500  | 560  | 2" | 2" | 220 | 38   | 44   |
| 120/60/MT | 470           | 470  | 650 | 200 | 360 | 500  | 560  | 2" | 2" | 220 | 39   | 45   |
| 200/40/MT | 580           | 470  | 690 | 200 | 420 | 560  | 620  | 2" | 2" | 220 | 49   | 55   |
| 200/52M/T | 580           | 470  | 690 | 200 | 420 | 560  | 620  | 2" | 2" | 220 | 53   | 59   |
| 200/65T   | /             | 470  | 690 | 200 | 420 | /    | 620  | 2" | 2" | 220 | /    | 63   |
| 200/80T   | /             | 470  | 690 | 200 | 420 | /    | 620  | 2" | 2" | 220 | /    | 67   |

## PRESSOMAT AUTOMATIC TWIN PRESSURE BOOSTER UNITS

**E**

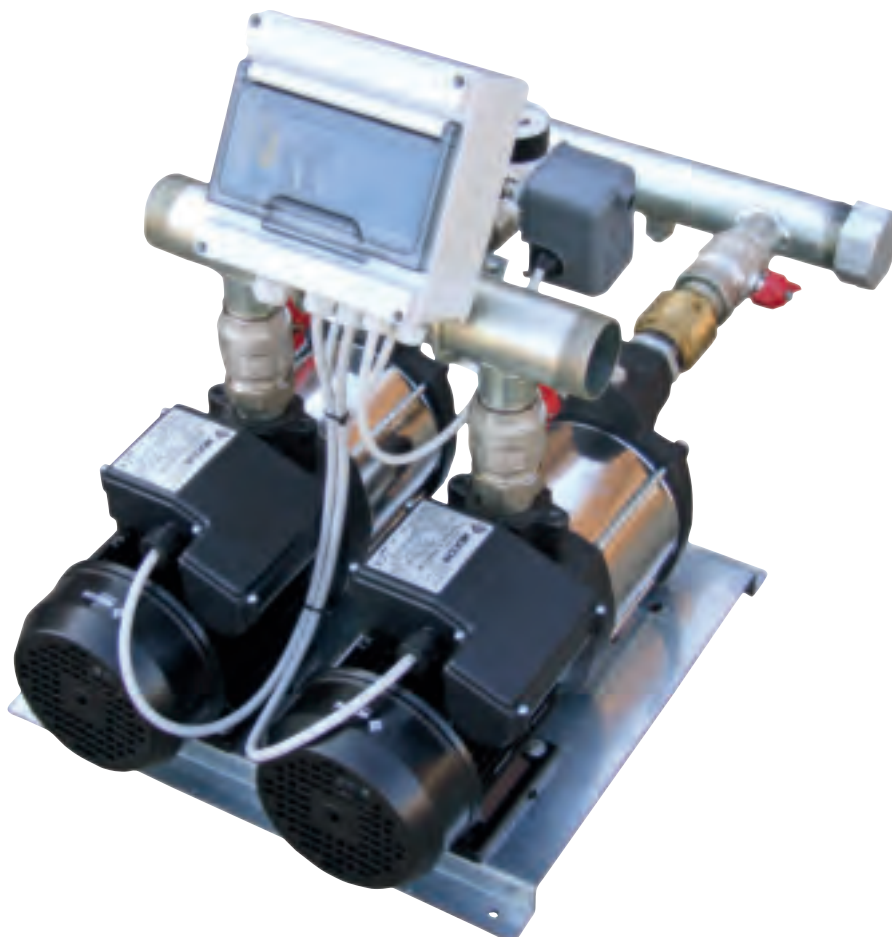
| Model            | Port Size<br>BSP | Max<br>L/Min | Max<br>Bar | Volts/Amps | kW       | Code     | Price |
|------------------|------------------|--------------|------------|------------|----------|----------|-------|
| PMS20/VA 80/36M  | 2"               | 160          | 3.3        | 230 / 6.0  | 2 x 0.65 | UC4001EO |       |
| PMS20/VA 80/48M  | 2"               | 160          | 4.3        | 230 / 7.6  | 2 x 0.8  | UC4002EO |       |
| PMS20/VA 80/60M  | 2"               | 160          | 5.7        | 230 / 11.0 | 2 x 1.1  | UC4003EO |       |
| PMS20/VA 120/48M | 2"               | 200          | 4.8        | 230 / 9.4  | 2 x 1.1  | UC4004EO |       |
| PMS20/VA 120/60M | 2"               | 200          | 5.8        | 230 / 11.8 | 2 x 1.25 | UC4005EO |       |
| PMS20/VA 200/40M | 2"               | 320          | 3.8        | 230 / 11.2 | 2 x 1.2  | UC4015EO |       |
| PMS20/VA 200/52M | 2"               | 320          | 4.9        | 230 / 15.6 | 2 x 1.6  | UC4016EO |       |
| PMD20/VA 80/36T  | 2"               | 160          | 3.3        | 415 / 2.6  | 2 x 0.65 | UC4006EO |       |
| PMD20/VA 80/48T  | 2"               | 160          | 4.3        | 415 / 3.2  | 2 x 0.8  | UC4007EO |       |
| PMD20/VA 80/60T  | 2"               | 160          | 5.7        | 415 / 3.6  | 2 x 1.1  | UC4008EO |       |
| PMD20/VA 120/48T | 2"               | 200          | 4.8        | 415 / 3.8  | 2 x 1.1  | UC4009EO |       |
| PMD20/VA 120/60T | 2"               | 200          | 5.8        | 415 / 4.0  | 2 x 1.25 | UC4010EO |       |
| PMD20/VA 200/40T | 2"               | 320          | 3.8        | 415 / 4.0  | 2 x 1.2  | UC4017EO |       |
| PMD20/VA 200/52T | 2"               | 320          | 4.9        | 415 / 5.8  | 2 x 1.6  | UC4018EO |       |
| PMD20/VA 200/65T | 2"               | 320          | 6.3        | 415 / 7.2  | 2 x 2.0  | UC4019EO |       |
| PMD20/VA 200/80T | 2"               | 320          | 7.8        | 415 / 9.2  | 2 x 2.3  | UC4020EO |       |

Pressomat Twin Booster Pump systems for automatic pressurization of water supplies equipped with either single or three phase pumps. Alternating Duty and Assist Control Panel. Optional low level warning connection.

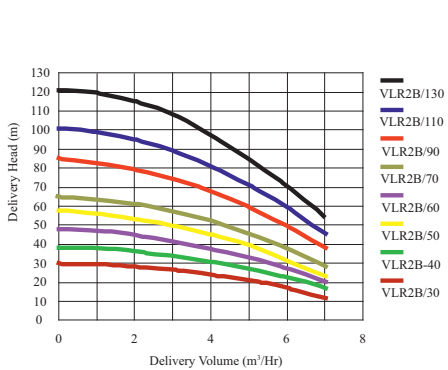
Galvanised suction manifold complete with 2 brass ball valves and 2 non return valves.

Galvanised discharge manifold complete with 2 brass ball valves, 2 pressure switches and pressure gauge.

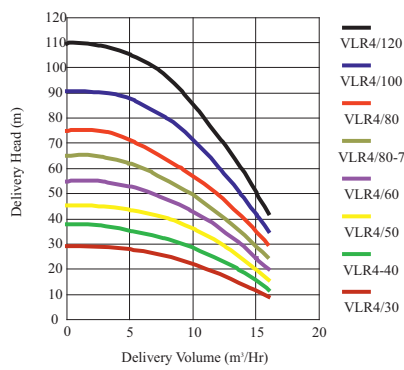
All units require Pressure Accumulator Vessels (see page 81).



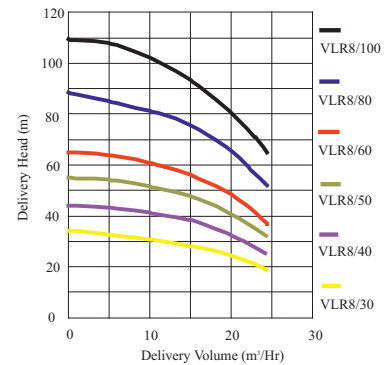
## AUTOMATIC TWIN PRESSURE BOOSTER UNITS



2 x VLR 2 Performance



2 x VLR 4 Performance



2 x VLR 8 Performance

**Available with Variable Speed Drive.**

## AUTOMATIC TWIN PRESSURE BOOSTER UNITS

Twin Pump Units using VLR Pumps with Alternating Duty and Assist Control Panels.  
All units require Pressure Accumulator Vessels (see page 81).

### SINGLE PHASE – SINGLE SPEED

**E**

| Model           | Port Size<br>BSP | Max<br>L/Min | Max<br>Bar | Volts/Amps | kW       | Code     | Price |
|-----------------|------------------|--------------|------------|------------|----------|----------|-------|
| 2 x VLR 2B/30M  | 2"               | 120          | 2.7        | 230 / 5.4  | 2 x 0.37 | UP400100 |       |
| 2 x VLR 2B/40M  | 2"               | 120          | 3.7        | 230 / 8    | 2 x 0.55 | UP400200 |       |
| 2 x VLR 2B/50M  | 2"               | 120          | 4.7        | 230 / 8    | 2 x 0.55 | UP400300 |       |
| 2 x VLR 2B/60M  | 2"               | 120          | 5.7        | 230 / 10.4 | 2 x 0.75 | UP400400 |       |
| 2 x VLR 2B/70M  | 2"               | 120          | 6.5        | 230 / 10.4 | 2 x 0.75 | UP400500 |       |
| 2 x VLR 2B/90M  | 2"               | 120          | 8.6        | 230 / 16   | 2 x 1.1  | UP400600 |       |
| 2 x VLR 2B/110M | 2"               | 120          | 10.1       | 230 / 16   | 2 x 1.1  | UP400700 |       |
| 2 x VLR 2B/130M | 2"               | 120          | 12.1       | 230 / 24   | 2 x 1.5  | UP400800 |       |
| 2 x VLR 4/30M   | 2"               | 250          | 2.7        | 230 / 8    | 2 x 0.55 | UP400900 |       |
| 2 x VLR 4/40M   | 2"               | 250          | 3.7        | 230 / 10.4 | 2 x 0.75 | UP401000 |       |
| 2 x VLR 4/50M   | 2"               | 250          | 4.5        | 230 / 16   | 2 x 1.1  | UP401100 |       |
| 2 x VLR 4/60M   | 2"               | 250          | 5.5        | 230 / 16   | 2 x 1.1  | UP401200 |       |
| 2 x VLR 4/80-7M | 2"               | 250          | 6.4        | 230 / 24   | 2 x 1.5  | UP401300 |       |
| 2 x VLR 4/80M   | 2"               | 250          | 7.5        | 230 / 24   | 2 x 1.5  | UP401400 |       |
| 2 x VLR 8/30M   | 2½"              | 380          | 2.7        | 230 / 16   | 2 x 1.1  | UP401500 |       |
| 2 x VLR 8/40M   | 2½"              | 380          | 3.7        | 230 / 24   | 2 x 1.5  | UP401600 |       |

### THREE PHASE – SINGLE SPEED

**E**

| Model           | Port Size<br>BSP | Max<br>L/Min | Max<br>Bar | Volts/Amps | kW       | Code     | Price |
|-----------------|------------------|--------------|------------|------------|----------|----------|-------|
| 2 x VLR 2B/30T  | 2"               | 120          | 2.7        | 400 / 1.2  | 2 x 0.37 | UP401700 |       |
| 2 x VLR 2B/40T  | 2"               | 120          | 3.7        | 400 / 2    | 2 x 0.55 | UP401800 |       |
| 2 x VLR 2B/50T  | 2"               | 120          | 4.7        | 400 / 2.6  | 2 x 0.55 | UP401900 |       |
| 2 x VLR 2B/60T  | 2"               | 120          | 5.5        | 400 / 3    | 2 x 0.75 | UP402000 |       |
| 2 x VLR 2B/70T  | 2"               | 120          | 6.4        | 400 / 3.4  | 2 x 0.75 | UP402100 |       |
| 2 x VLR 2B/90T  | 2"               | 120          | 7.5        | 400 / 4.2  | 2 x 1.1  | UP402200 |       |
| 2 x VLR 2B/110T | 2"               | 120          | 9.1        | 400 / 5    | 2 x 1.1  | UP402300 |       |
| 2 x VLR 2B/130T | 2"               | 120          | 12.1       | 400 / 5.8  | 2 x 1.5  | UP402400 |       |
| 2 x VLR 4/30T   | 2"               | 250          | 2.7        | 400 / 2.9  | 2 x 0.55 | UP402500 |       |
| 2 x VLR 4/40T   | 2"               | 250          | 3.7        | 400 / 3.8  | 2 x 0.75 | UP402600 |       |
| 2 x VLR 4/50T   | 2"               | 250          | 4.7        | 400 / 5    | 2 x 1.1  | UP402700 |       |
| 2 x VLR 4/60T   | 2"               | 250          | 5.5        | 400 / 5    | 2 x 1.1  | UP402800 |       |
| 2 x VLR 4/80-7T | 2"               | 250          | 6.4        | 400 / 6.8  | 2 x 1.5  | UP402900 |       |
| 2 x VLR 4/80T   | 2"               | 250          | 7.5        | 400 / 6.8  | 2 x 1.5  | UP403000 |       |
| 2 x VLR 4/100T  | 2"               | 250          | 9.1        | 400 / 9.6  | 2 x 2.2  | UP403100 |       |
| 2 x VLR 4/120T  | 2"               | 250          | 10.9       | 400 / 9.6  | 2 x 2.2  | UP403200 |       |
| 2 x VLR 8/30T   | 2½"              | 380          | 3.3        | 400 / 5    | 2 x 1.1  | UP403300 |       |
| 2 x VLR 8/40T   | 2½"              | 380          | 4.3        | 400 / 6.8  | 2 x 1.5  | UP403400 |       |
| 2 x VLR 8/50T   | 2½"              | 380          | 5.4        | 400 / 10.2 | 2 x 2.2  | UP403500 |       |
| 2 x VLR 8/60T   | 2½"              | 380          | 6.5        | 400 / 10.2 | 2 x 2.2  | UP403600 |       |
| 2 x VLR 8/80T   | 2½"              | 380          | 8.6        | 400 / 13.6 | 2 x 3    | UP403700 |       |
| 2 x VLR 8/100T  | 2½"              | 380          | 10.8       | 400 / 19.4 | 2 x 4    | UP403800 |       |

All booster units listed and larger units are available upon request.

## CPS FREQUENCY CHANGER



CPS energy saving control system keep constant delivery when pressure variations occur. CPS is a frequency converter integrated into the pump which adjusts motor speed so as to constantly provide users with the same pressure, even when demand for water changes. The main applications for which CPS offers elevated comfort and benefits are: home pressurisation, irrigation, greenhouses and light industry.

### Operation

The system consists of an electric pump operated by an electronic control system (speed variator) that enables the delivery of constant pressure by reducing or increasing the flow rate based on water demand. In the case of an excessive system pressure decrease, the CPS starts the pump and regulates its speed until the operating pressure is re-established. The pump's speed depends on water demand. If water consumption increases, the control system raises the speed of the pump up to the maximum set value. If water consumption decreases, the speed of the pump is reduced down to its minimum. If there is no further water demand, the pump stops.

- **Easy installation**
- **Energy saving**
- **Silent runing**
- **Reliability**

### Applications

- **Pressure boosting**
- **Irrigation**
- **Industrialwashing equipment**
- **Water distribution**

### Technical Features

- **Power input** 1 x 230 Vac  $\pm$  10%
- **Output voltage** 3 x 230 Vac  $\pm$  10%
- **Max nominal power** 1.5 Kw
- **Input frequency** 50/60 Hz + 3%
- **Max output current** 6.5 Amp
- **Protection** IP55 (in case of installation on motors with a protection of < IP55)
- **Ambient temperature** From +0°C to + 40°C
- **Wave type** Sinusoidal
- **Input filter** In compliance with EMC directive
- **Pressure transmitter** 0 - 5- Volt 0 - 10 Bar
- **Set point** 2
- **Connections** RS 85 port
- **Free contacts** 3 (ext set point, alarm, system inhibition)

### Control Panel



# PRESSURE BOOSTING SYSTEMS

## CPS DHI FREQUENCY CHANGER

230v

**E**

| MODEL      | INLET/<br>OUTLET | KG   | H x W x L       | LM/HM  | kW   | CODE     | PRICE |
|------------|------------------|------|-----------------|--------|------|----------|-------|
| CPS DHI 27 | 1 1/4"           | 17.4 | 235 x 232 x 460 | 60/60  | 1.2  | 470-0090 |       |
| CPS DHI 45 | 1 1/4"           | 17.4 | 235 x 232 x 460 | 120/43 | 1.25 | 470-0080 |       |

Pre built CPS Frequency Changer water boosting pump. Must be used in conjunction with a small pressure accumulator vessel, see page 81. For more information on the DHI see page 64.



DHI

## CPS MAX FREQUENCY CHANGER

230v

**E**

| MODEL          | INLET/<br>OUTLET | KG   | H x W x L       | LM/HM  | kW   | CODE     | PRICE |
|----------------|------------------|------|-----------------|--------|------|----------|-------|
| CPS MAX 80/60  | 1"               | 11.8 | 220 x 232 x 415 | 80/57  | 1    | 470-0060 |       |
| CPS MAX 120/60 | 1"               | 11.8 | 220 x 232 x 415 | 120/60 | 1.25 | 470-0040 |       |

Pre built CPS Frequency Changer water boosting pump. Must be used in conjunction with a small pressure accumulator vessel, see page 81. For more information on the MAX see page 66.



MAX

## CPS MULTINOX-VE FREQUENCY CHANGER

230v

**E**

| MODEL                    | INLET/<br>OUTLET | KG   | H x W x L       | LM/HM  | kW  | CODE     | PRICE |
|--------------------------|------------------|------|-----------------|--------|-----|----------|-------|
| CPS MULTINOX - VE 200/40 | 1 1/4"           | 21.2 | 438 x 232 x 220 | 160/39 | 1.5 | 470-0130 |       |
| CPS MULTINOX - VE 200/65 | 1 1/4"           | 25.1 | 504 x 232 x 220 | 160/64 | 2.0 | 470-0120 |       |

Pre built CPS Frequency Changer water boosting pump. Must be used in conjunction with a small pressure accumulator vessel, see page 81. For more information on the Multinox-VE see page 65.



Multinox-VE

## CPS VLR FREQUENCY CHANGER

230v

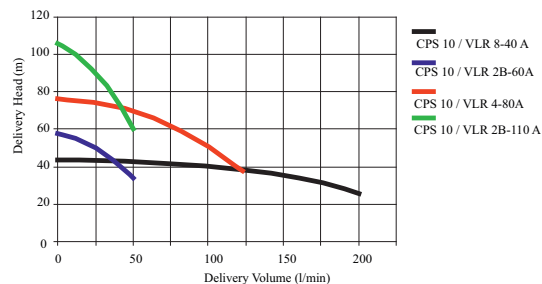
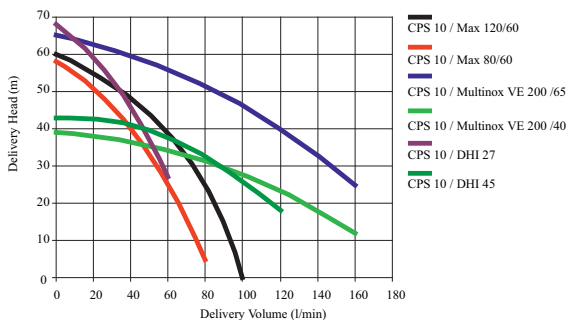
**E**

| MODEL            | INLET/<br>OUTLET | KG | H x W x L       | LM/HM  | kW   | CODE     | PRICE |
|------------------|------------------|----|-----------------|--------|------|----------|-------|
| CPS VLR 2B-60 A  | 1"               | 28 | 533 x 232 x 135 | 50/58  | 0.75 | 470-0160 |       |
| CPS VLR 2B-110 A | 1"               | 38 | 623 x 232 x 135 | 50/105 | 1.1  | 470-0170 |       |
| CPS VLR 4-80 A   | 1"               | 35 | 688 x 232 x 185 | 120/77 | 1.5  | 470-0150 |       |
| CPS VLR 8-40 A   | 1 1/2"           | 42 | 688 x 232 x 185 | 200/44 | 1.5  | 470-0140 |       |

Pre built CPS Frequency Changer water boosting pump. Must be used in conjunction with a small pressure accumulator vessel, see page 81. For more information on the VLR see pages 90 – 95.



VLR



## VSD VARIABLE SPEED DRIVE

**E**

| MODEL         | INLET/<br>OUTLET | KG  | H x W x L       | BAR<br>RANGE | MAX<br>AMP | CODE     | PRICE |
|---------------|------------------|-----|-----------------|--------------|------------|----------|-------|
| VSD1 Mono 8.5 | 1¼" / 1½"        | 3.4 | 280 x 220 x 180 | 1-6          | 8.5        | ZB902320 |       |
| VSD1 Basic    | 1¼" / 1½"        | 3.4 | 280 x 220 x 180 | 1-9          | 4.5        | ZB902170 |       |
| VSD1          | 1¼" / 1½"        | 3.8 | 280 x 220 x 180 | 1-9          | 9.3        | ZB902180 |       |
| VSD3          | 1¼" / 1½"        | 3.6 | 280 x 220 x 180 | 1-9          | 13.3       | ZB902190 |       |

Easy to install, VSD manages all controls necessary for a pumping system.  
 VSD variable speed pumping system keeps constant delivery when pressure variations occur.  
 The status display allows instant overview of operating characteristics.  
 VSD cuts your electricity usage by automatically pumping only what is required by the system.

- Energy saving
- Constant Pressure
- The display indicates:
  - Pump working frequency
  - Instant pressure
  - Absorbed power
  - Alarms



Nocchi VSD1 Mono

| MODEL         | POWER SUPPLY<br>VOLTAGE | PUMP<br>VOLTAGE | MAX MOTOR<br>CURRENT AMPS | MAX LIQUID<br>TEMP | MAX OPERATING<br>PRESSURE / BAR |
|---------------|-------------------------|-----------------|---------------------------|--------------------|---------------------------------|
| VSD1 Mono 8.5 | 1 x 230v                | 1 x 230v        | 8.5 AMP                   | 45°C               | 10 BAR                          |
| VSD1 Basic    | 1 x 230v                | 3 x 230v        | 4.5 AMP                   | 45°C               | 10 BAR                          |
| VSD1          | 1 x 230v                | 3 x 230v        | 9.3 AMP                   | 45°C               | 10 BAR                          |
| VSD3          | 3 x 400v                | 3 x 400v        | 13.3 AMP                  | 45°C               | 10 BAR                          |

| TEST: EXAMPLE WITH A 1.1 KW ELECTRO PUMP AT 3,0 BAR PRESSURE (CONTINUOUS WORKING) |                       |   |  |                             |  |  |
|---|-----------------------|---|--|-----------------------------|--|--|
| Flow<br>(l/min)   | Flow<br>Consumption % | Consumption (Kw)<br>using a std pump<br>(instantaneous power) | Consumption (Kw)<br>Using VSD<br>(instantaneous power) | Kw Saved<br>(instantaneous) | Kw saved within<br>12 months<br>(8760 running hours) |  |
| 5   | 20%                   | 1,295   | 0,185  | 1,11                        | 1.945  |  |
| 10  | 40%                   | 1,388   | 0,555  | 0,833                       | 2,917  |  |
| 20  | 20%                   | 1,48  | 0,74   | 0,74                        | 1.296  |  |
| 30  | 9%                    | 1,573   | 1,11   | 0,463                       | 365  |  |
| 40  | 6%                    | 1,794   | 1,57   | 0,224                       | 118  |  |
| 50  | 5%                    | 1,85  | 1,85   | 0                           | 0  |  |
| <b>Annual saving (Kw)</b>   |                       |   |  |                             | <b>6,641</b>   |  |

## CPS 20 TWIN PUMP BOOSTER SETS – VARIABLE SPEED

E

The new CPS 20 twin pump unit is an innovative constant pressure system for industrial and residential applications.

Each pump installed in the system is equipped with a CPS frequency changer directly assembled on the motor. The two CPS devices switch the starting order of the pumps at each working cycle maintaining constant pressure the system.

### Applications

- Pumping of water in domestic systems
- Booster systems
- Industry
- Washing systems
- Irrigation

### Suction manifold

In galvanized steel with:  
2 brass ball valves

### Discharge manifold

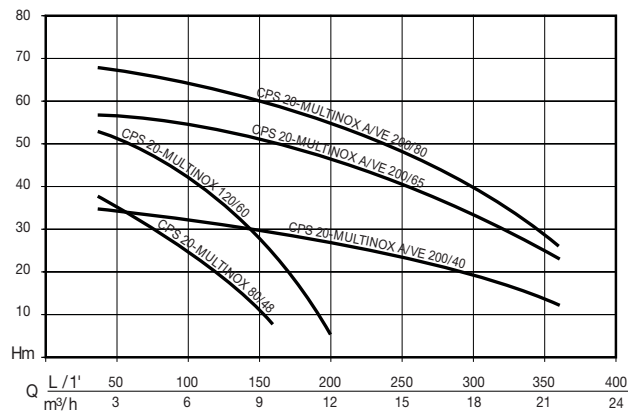
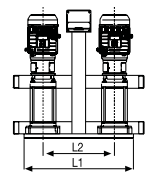
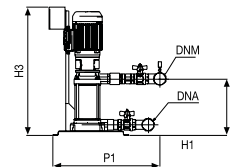
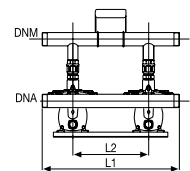
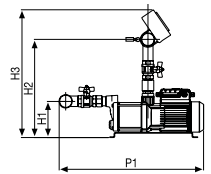
In galvanized steel with  
2 brass ball valves  
2 check valves  
Pressure gauge  
2 Pressure sensors



## CPS20 MULTINOX TWIN PUMP BOOSTER SETS – VARIABLE SPEED

**E**

| Model                    | Port Size BSP | Max L/Min | Max Bar | Volts/Amps   | kW       | Code     | Price |
|--------------------------|---------------|-----------|---------|--------------|----------|----------|-------|
| CPS20/Multinox 80/48     | 1½"           | 150       | 4.3     | 230 /2 x 6.5 | 2 x 0.8  | UI601040 |       |
| CPS20/Multinox 120/60    | 1½"           | 200       | 5.8     | 230 /2 x 8.5 | 2 x 8.5  | UI601050 |       |
| CPS20/Multinox-A 200/40  | 2"            | 350       | 3.8     | 230 /8.7     | 2 x 8.7  | UI601060 |       |
| CPS20/Multinox-A 200/65  | 2"            | 350       | 6.3     | 230 /14.4    | 2 x 14.4 | UI601070 |       |
| CPS20/Multinox-A 200/80  | 2"            | 350       | 7.8     | 230 /15.5    | 2 x 15.5 | UI601210 |       |
| CPS20/Multinox-VE 200/40 | 2"            | 350       | 3.8     | 230 /8.7     | 2 x 8.7  | UI601080 |       |
| CPS20/Multinox-VE 200/65 | 2"            | 350       | 6.3     | 230 /14.4    | 2 x 14.4 | UI601090 |       |
| CPS20/Multinox-VE 200/80 | 2"            | 350       | 7.8     | 230 /15.5    | 2 x 15.5 | UI601200 |       |

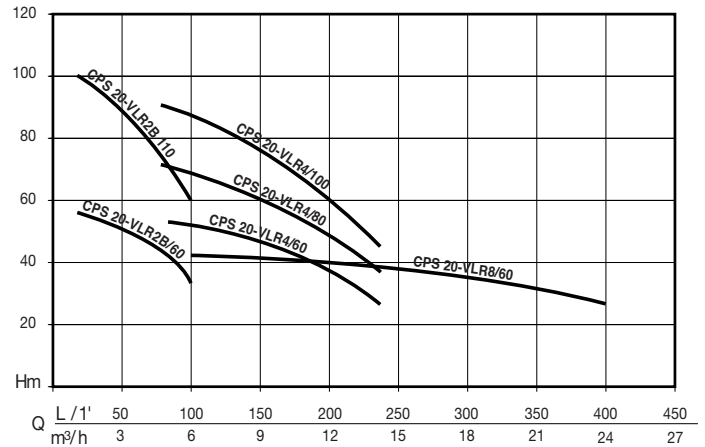
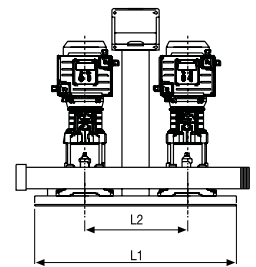
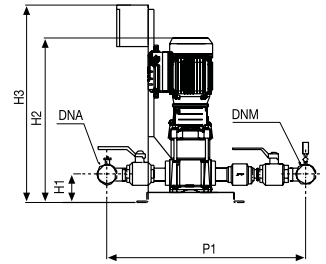


| Model                    | DIMENSIONS |     |     |     |     |     | P1  | DNA | DNM | Weight Kg |
|--------------------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
|                          | L1         | L2  | H1  | H2  | H3  |     |     |     |     |           |
| CPS20/Multinox 80/48     | 570        | 310 | 170 | 430 | 660 | 650 | 1½" | 1½" | 45  |           |
| CPS20/Multinox 120/60    | 570        | 310 | 170 | 440 | 660 | 650 | 1½" | 1½" | 50  |           |
| CPS20/Multinox-A 200/40  | 650        | 370 | 170 | 485 | 690 | 690 | 2"  | 2"  | 70  |           |
| CPS20/Multinox-A 200/65  | 670        | 370 | 170 | 485 | 690 | 695 | 2"  | 2"  | 75  |           |
| CPS20/Multinox-A 200/80  | 670        | 370 | 170 | 485 | 690 | 725 | 2"  | 2"  | 83  |           |
| CPS20/Multinox-VE 200/40 | 460        | 320 | 40  | 183 | 450 | 740 | 2"  | 2"  | 60  |           |
| CPS20/Multinox-VE 200/65 | 460        | 320 | 40  | 243 | 450 | 740 | 2"  | 2"  | 70  |           |
| CPS20/Multinox-VE 200/80 | 460        | 320 | 40  | 260 | 450 | 740 | 2"  | 2"  | 79  |           |

## CPS20 VLR TWIN PUMP BOOSTER SETS – VARIABLE SPEED

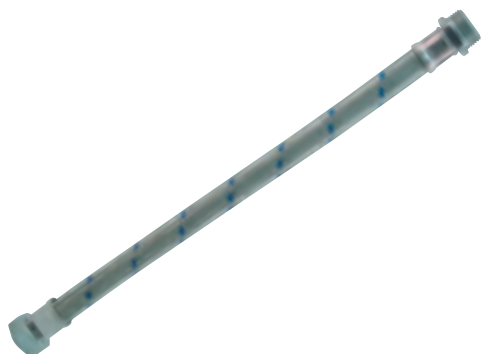
**E**

| Model           | Port Size<br>BSP | Max<br>L/Min | Max<br>Bar | Volts/Amps    | kW      | Code     | Price |
|-----------------|------------------|--------------|------------|---------------|---------|----------|-------|
| CPS20-VLR2B/60  | 2"               | 100          | 5.7        | 230 /2 x 6.5  | 2 x 1.0 | UI601100 |       |
| CPS20-VLR2B/110 | 2"               | 100          | 10.1       | 230 /2 x 10.5 | 2 x 1.1 | UI601110 |       |
| CPS20/VLR 4-60  | 2"               | 240          | 5.5        | 230 /2 x 10.4 | 2 x 1.1 | UI601120 |       |
| CPS20/VLR 4-80  | 2"               | 240          | 7.1        | 230 /2 x 14.2 | 2 x 1.1 | UI601130 |       |
| CPS20/VLR 4-100 | 2"               | 240          | 9.1        | 230 /2 x 15.4 | 2 x 2.2 | UI601190 |       |
| CPS20/VLR 8-40  | 2½"              | 400          | 4.2        | 230 /2 x 14.2 | 2 x 1.5 | UI601140 |       |



| Model           | DIMENSIONS |     |     |     |     | P1  | DNA | DNM | Weight<br>Kg |
|-----------------|------------|-----|-----|-----|-----|-----|-----|-----|--------------|
|                 | L1         | L2  | H1  | H2  | H3  |     |     |     |              |
| CPS20-VLR2B/60  | 600        | 370 | 80  | 633 | 700 | 620 | 2"  | 2"  | 60           |
| CPS20-VLR2B/110 | 600        | 370 | 80  | 723 | 700 | 620 | 2"  | 2"  | 60           |
| CPS20/VLR 4-60  | 600        | 370 | 75  | 687 | 810 | 660 | 2"  | 2"  | 70           |
| CPS20/VLR 4-80  | 600        | 370 | 75  | 788 | 810 | 660 | 2"  | 2"  | 73           |
| CPS20/VLR 4-100 | 600        | 370 | 75  | 842 | 810 | 660 | 2"  | 2"  | 89           |
| CPS20/VLR 8-400 | 620        | 370 | 100 | 785 | 820 | 700 | 2½" | 2½" | 110          |

## PRESSURE KIT ACCESSORIES

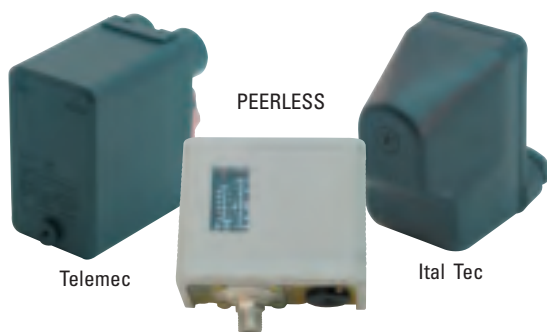
**E**


### TUBIFLEX – FLEXIBLE BRAIDED HOSES

| SIZE BSP x mm  | CODE Straight M/F | PRICE | CODE C/W Elbow M/F | PRICE |
|----------------|-------------------|-------|--------------------|-------|
| 1" x 500mm     | 060-040           |       | /                  |       |
| 1" x 600mm     | 060-042           |       | 060-056            |       |
| 1" x 700mm     | 060-044           |       | /                  |       |
| 1" x 800mm     | 060-046           |       | 060-058            |       |
| 1" x 1000mm    | 060-047           |       | /                  |       |
| 1 1/4" x 400mm | 060-048           |       | 060-060            |       |
| 2" x 500mm     | 060-052           |       | /                  |       |

### BRASS MULTIWAY FITTINGS

| SIZE BSP                        | CODE    | PRICE |
|---------------------------------|---------|-------|
| R3-V 1" x 1" x 1"               | 060-010 |       |
| R5-V 1" x 1" x 1" x 1/4" x 1/4" | 060-012 |       |



Telemec

PEERLESS

Ital Tec

Italtechnica and Telemecanique are basic pressure switches. Both have a 1/4" female bsp connection.

Fantini and Peerless give you precise control with setting on/off and differential pressure by the aid of visual gauges. The Fantini has a 1/4" female bsp connection and the Peerless has a 1/4" male bsp connection.

### PRESSURE SWITCHES

| ITEM               | ADJUSTMENT | CODE    | PRICE |
|--------------------|------------|---------|-------|
| ITALTECHNICA PM5   | 0-5 BAR    | 060-400 |       |
| ITALTECHNICA PM12  | 6-12 BAR   | 060-402 |       |
| VACUUM SWITCH      | /          | 060-406 |       |
| TELEMECANIQUE XM6  | 1-6 BAR    | 060-410 |       |
| TELEMECANIQUE XM12 | 6-12 BAR   | 060-412 |       |
| FANTINI B12CN      | 0.2-8 BAR  | 060-414 |       |
| FANTINI B12DN      | 5-16 BAR   | 060-416 |       |
| PEERLESS HLP506    | 1-6 BAR    | 060-417 |       |
| PEERLESS HLP520    | 8-24 BAR   | 060-418 |       |

### PRESSURE GAUGES

| ITEM               | CODE    | PRICE |
|--------------------|---------|-------|
| MAP-6 6 BAR REAR   | 060-390 |       |
| MAP-10 10 BAR REAR | 060-394 |       |
| MAR-6 6 BAR SIDE   | 060-392 |       |
| MAR-10 10 BAR SIDE | 060-396 |       |



MAR



MAP

### QUICKSTOP FLOW REGULATOR



| SIZE BSP | CODE    | PRICE |
|----------|---------|-------|
| 3/4"     | 060-850 |       |
| 1"       | 060-852 |       |
| 1 1/4"   | 060-854 |       |
| 1 1/2"   | 060-856 |       |

# PRESSURE BOOSTING SYSTEM ACCESSORIES

## ACCUMULATOR – PRESSURE VESSELS

**E**

The accumulator vessel is a device that when fitted into a pressurised water system will provide system water at a pre-set, sustained pressure.



8 Litre  
AC Series



AF Series



AF Series



25 Litre  
HX-HM Series



2 Litre

### 2-500 Litre

10 Bar Max 8 Bar Working 99°C Max up to 500 Litre

| Model    | Capacity Litres | Orientation | Aux Connection | Main Connection | L x D x H        | kg   | Code    | Price |
|----------|-----------------|-------------|----------------|-----------------|------------------|------|---------|-------|
| AC2      | 2               | No Mount    | —              | 1/2"            | 170 x 150 x ---  | 0.5  | 022-550 |       |
| AC5      | 5               | No Mount    | —              | 3/4"            | 240 x 204 x ---  | 1.8  | 022-551 |       |
| AC8      | 8               | No Mount    | —              | 3/4"            | 315 x 204 x ---  | 2.3  | 022-552 |       |
| AC25     | 25              | No Mount    | —              | 1"              | 470 x 270 x ---  | 4.8  | 022-553 |       |
| AC25 GPM | 25              | Horizontal  | —              | 1"              | 470 x 270 x 290  | 5    | 022-554 |       |
| AFH 60   | 60              | Horizontal  | 3/4"           | 1"              | 675 x 400 x 480  | 12.5 | 022-556 |       |
| AFH 100  | 100             | Horizontal  | 3/4"           | 1"              | 720 x 500 x 585  | 17.5 | 022-559 |       |
| AFH 200  | 200             | Horizontal  | 3/4"           | 1 1/4"          | 970 x 600 x 665  | 48.3 | 022-580 |       |
| AFH 300  | 300             | Horizontal  | 3/4"           | 1 1/4"          | 1130 x 650 x 705 | 55   | 022-610 |       |
| AFV 60   | 60              | Vertical    | 3/4"           | 1"              | --- x 400 x 750  | 12.5 | 022-557 |       |
| AFV 100  | 100             | Vertical    | 3/4"           | 1"              | --- x 500 x 805  | 17.5 | 022-560 |       |
| AFV 200  | 200             | Vertical    | 3/4"           | 1 1/4"          | --- x 600 x 1065 | 48.3 | 022-590 |       |
| AFV 300  | 300             | Vertical    | 3/4"           | 1 1/4"          | --- x 650 x 1270 | 60   | 022-620 |       |
| AFV 500  | 500             | Vertical    | 3/4"           | 1 1/4"          | --- x 775 x 1420 | 80   | 022-622 |       |

### 25-500 Litre 16 Bar Max 99°C Max

| Model      | Capacity Litres | Orientation | Aux Connection | Main Connection | L x D x H        | kg | Code    | Price |
|------------|-----------------|-------------|----------------|-----------------|------------------|----|---------|-------|
| AFV 24-16  | 24              | No Mount    | —              | 1"              | 470 x 270 x ---  | 6  | 022-631 |       |
| AFV 100-16 | 100             | Vertical    | 3/4"           | 1"              | --- x 500 x 800  | 25 | 022-632 |       |
| AFV 200-16 | 200             | Vertical    | 3/4"           | 1 1/4"          | --- x 600 x 1065 | 55 | 022-634 |       |
| AFV 300-16 | 300             | Vertical    | 3/4"           | 1 1/4"          | --- x 650 x 1270 | 70 | 022-635 |       |
| AFV 500-16 | 500             | Vertical    | 3/4"           | 2"              | --- x 775 x 1420 | 90 | 022-636 |       |

### 2-60 Litre Stainless Steel 10 Bar Max 99°C Max

| Model     | Capacity Litres | Orientation | Aux Connection | Main Connection | L x D x H       | kg  | Code    | Price |
|-----------|-----------------|-------------|----------------|-----------------|-----------------|-----|---------|-------|
| HX2       | 2               | No Mount    | —              | 1/2"            | 230 x 146 x --- | 1   | 022-640 |       |
| HX8       | 8               | No Mount    | —              | 1"              | 315 x 204 x --- | 2.3 | 022-641 |       |
| HS 24     | 24              | No Mount    | —              | 1"              | 365 x 360 x --- | 4.5 | 022-642 |       |
| HM 24 gpm | 24              | Horizontal  | —              | 1"              | 470 x 270 x 290 | 4.5 | 022-644 |       |
| HM 60v    | 60              | Vertical    | 3/4"           | 1"              | --- x 400 x 750 | 15  | 022-645 |       |
| HM 60H    | 60              | Horizontal  | 3/4"           | 1"              | 675 x 400 x 480 | 15  | 022-647 |       |

### Replacement Bladders/Membranes

| Model         | Capacity Litres | Code    | Price |
|---------------|-----------------|---------|-------|
| AC 5-8        | 5 - 8           | 022-532 |       |
| AC 25         | 25              | 022-534 |       |
| AF 60-100     | 60 - 100        | 022-536 |       |
| AF 200        | 200             | 022-538 |       |
| AF 300        | 300             | 022-540 |       |
| AF 500        | 500             | 022-542 |       |
| AF 500 16 BAR | 500             | 022-543 |       |