

# IMMEDIATE QUICK SHIP STOCKING PROGRAM

The Grundfos Immediate Quick Ship (I-QS) Stocking Program ensures that the Hydro MPC BoosterpaQ® and Hydro Multi-B pumping systems are available for immediate shipment to customers nationwide. These industry-leading pumps are stocked in California and Pennsylvania, ensuring availability within 72 hours to more than 90 percent of customers in the United States.

Hydro MPC BoosterpaQ and Multi-B systems are NSF61/ANSI 372 certified, ASHRAE 90.1-2010 compliant and have a wide array of communication/SCADA capabilities. [Learn more at www.BoosterpaQ.com](http://www.BoosterpaQ.com)



Drinking Water System Component

NSF / ANSI 61

NSF / ANSI 372



## Grundfos Hydro MPC BoosterpaQ®

Based on the highly efficient Grundfos CR pump range, the sturdy, compact Hydro MPC BoosterpaQ is a fully integrated packaged pumping system designed to handle even the most difficult pumping situations with ease and accuracy. The intelligent CU 352 controller optimizes pump operation based on demand, making the Hydro MPC the most energy-efficient solution for pumping applications with varying flow needs.



## Grundfos Hydro Multi-B

The Grundfos Hydro Multi-B is a compact, reliable and energy-efficient constant pressure system ideal for domestic water pressure boosting in apartments, large homes and multi-story buildings. Grundfos designs, manufactures and assembles all major components of the system – pumps, motor, system components, and the controller – so customers can benefit from single source efficiency.

# HYDRO MPC BOOSTERPAQ® – A FULLY LOADED PACKAGED SOLUTION

Unmatched in the market, the Hydro MPC BoosterpaQ® – our most complete packaged pumping system features industry-leading functionality along with the reliability you've come to depend on from Grundfos CR multistage pumps.



| NUMBER OF PUMPS                           | PUMP MODEL | MOTOR HP | HEADER SIZE  | 3 x 208-230 V |          | 3 x 460 V |         |
|---|------------|----------|--------------|---------------|----------|-----------|---------|
|   |            |          |              | P/N           | STK QTY  | P/N       | STK QTY |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 5</b>  |            |          |              |               |          |           |         |
| 2   | CRE 5-6    | 2        | 2" NPT       | 95058704      | 1        | 95058722  | 1       |
|   | CRE 5-9    | 3        |              |               |          |           |         |
| 3   | CRE 5-6    | 2        | 2.5" NPT     | 95058710      | 1        | 95058729  | 1       |
|   | CRE 5-9    | 3        |              |               |          |           |         |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 10</b> |            |          |              |               |          |           |         |
| 2   | CRE 10-2   | 11/2     | 2.5" NPT     | 95055293      | 3        | 95055123  | 1       |
|   | CRE 10-4   | 3        |              | 95055295      | 4        | 95055125  | 3       |
|   | CRE 10-6   | 5        |              | 95055297      | 2        | 95055127  | 2       |
| 3   | CRE 10-2   | 11/2     | 3" NPT       |               |          | 95055157  | 1       |
|   | CRE 10-4   | 3        |              | 95055326      | 1        | 95055159  | 2       |
|   | CRE 10-6   | 5        |              | 95055328      | 1        | 95055161  | 2       |
|   | CRE 10-8   | 7.5      |              |               |          | 95055162  | 2       |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 15</b> |            |          |              |               |          |           |         |
| 2   | CRE 15-2   | 5        | 4" ANSI 150# | 95055301      | 4        | 95055131  | 5       |
|   | CRE 15-3   | 7.5      |              |               | 95055132 | 1         |         |
|   | CRE 15-4   | 7.5      |              | 95055303      | 2        | 95055133  | 3       |
|   | CRE 15-5   | 10       |              |               | 95058724 | 1         |         |
| 3   | CRE 15-2   | 5        | 4" ANSI 150# | 95055332      | 2        | 95055165  | 1       |
|   | CRE 15-3   | 7.5      |              | 95055333      | 1        | 95055166  | 2       |
|   | CRE 15-4   | 7.5      |              | 95055334      | 2        | 95055167  | 3       |
|   | CRE 15-5   | 10       |              |               | 95058731 | 1         |         |
|   | CRE 15-7   | 15       |              |               | 95058766 | 1         |         |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 20</b> |            |          |              |               |          |           |         |
| 2   | CRE 20-1   | 3        | 4" ANSI 150# |               |          | 95055135  | 1       |
|   | CRE 20-2   | 5        |              | 95055305      | 2        | 95055136  | 1       |
|   | CRE 20-3   | 7.5      |              | 95055306      | 2        | 95055137  | 1       |
|   | CRE 20-4   | 10       |              |               | 95055138 | 1         |         |
| 3   | CRE 20-2   | 5        | 4" ANSI 150# | 95055336      | 2        | 95055170  | 1       |
|   | CRE 20-3   | 7.5      |              | 95055337      | 2        | 95055171  | 2       |
|   | CRE 20-4   | 10       |              |               | 95055172 | 2         |         |
|   | CRE 20-6   | 15       |              |               | 95058770 | 1         |         |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 32</b> |            |          |              |               |          |           |         |
| 2   | CRE 32-1   | 5        | 4" ANSI 150# |               |          | 95055139  | 1       |
|   | CRE 32-2-1 | 7.5      |              | 95058707      | 1        | 95058725  | 1       |
|   | CRE 32-3-2 | 10       |              |               | 95055141 | 3         |         |
| 3   | CRE 32-2-1 | 7.5      | 6" ANSI 150# |               |          | 95058732  | 1       |
|   | CRE 32-3-2 | 10       |              |               | 95055175 | 2         |         |
|   | CRE 32-4-2 | 15       |              |               | 95058773 | 1         |         |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 45</b> |            |          |              |               |          |           |         |
| 3   | CRE 45-1   | 10       | 6" ANSI 150# |               |          | 95055176  | 1       |
|   | CRE 45-3-2 | 20       |              |               | 95058778 | 2         |         |
| <b>I-QS BoosterpaQ Hydro MPC E CRE 64</b> |            |          |              |               |          |           |         |
| 2   | CRE 64-2   | 25       | 6" ANSI 150# |               |          | 95058759  | 1       |

BoosterpaQ Hydro MPC Immediate Quick Ship Program will include the control panel and pump system on separate bases. This will allow for pipe connections on either side of system. The Immediate Quick Ship Program includes the Panel Option Package and suction transducer for dry run protection as standard on all systems.

**Panel Option Package Includes:** E/N Switches, Service Disconnect Switches, Surge Protection, Pump Run Lights, Alarm Circuit & IO351B Module. The IO351B module adds an additional (7) digital outputs.

### Applications

- Water supply systems
- Pressure boosting in high-rise buildings
- HVAC applications
- Industrial plants
- Turf and irrigation

# HYDRO MULTI-B – PRESSURE BOOSTING MADE SIMPLE

The Hydro Multi-B is a unique combination of variable speed end-suction multistage CM pumps and simple user interface, making it a compact, efficient solution ideal for water supply and pressure boosting applications.



| NUMBER OF PUMPS                    | PUMP MODEL | MOTOR HP | HEADER SIZE | 1 x 208-230 V |             | 3 x 208-230 V |             | 3 x 460 V   |             |
|------------------------------------|------------|----------|-------------|---------------|-------------|---------------|-------------|-------------|-------------|
|                                    |            |          |             | PART NUMBER   | STOCK LEVEL | PART NUMBER   | STOCK LEVEL | PART NUMBER | STOCK LEVEL |
| <b>I-QS Hydro Multi-B CME 5 A</b>  |            |          |             |               |             |               |             |             |             |
| 2                                  | CME 5-4    | 2        | 2" NPT      | 91149106      | 2           |               |             |             |             |
| 3                                  | CME 5-5    | 2        | 2" NPT      |               |             |               |             | 91149126    | 2           |
| <b>I-QS Hydro Multi-B CME 10 A</b> |            |          |             |               |             |               |             |             |             |
| 2                                  | CME 10-1   | 2        | 2.5" NPT    | 91149109      | 2           |               |             |             |             |
|                                    | CME 10-2   | 3        |             |               | 91149113    | 4             | 91149127    | 4           |             |
|                                    | CME 10-3   | 5        |             |               | 91149114    | 4             | 91149128    | 3           |             |
| 3                                  | CME 10-2   | 3        | 2.5" NPT    |               |             | 91149115      | 4           | 91149129    | 3           |
|                                    | CME 10-3   | 5        |             |               | 91149116    | 3             | 91149130    | 2           |             |
| <b>I-QS Hydro Multi-B CME 15 A</b> |            |          |             |               |             |               |             |             |             |
| 2                                  | CME 15-2   | 5        | 3" ANSI     |               |             | 91149118      | 4           | 91149132    | 4           |
|                                    | CME 15-3   | 7.5      |             |               | 91149119    | 4             | 91149133    | 2           |             |
| 3                                  | CME 15-2   | 5        | 4" ANSI     |               |             |               |             | 91149135    | 2           |
|                                    | CME 15-3   | 7.5      |             |               | 91149122    | 2             | 91149136    | 2           |             |

**Note:** System supplied with 3-5 psi pressure switch mounted on suction manifold for dry run protection.

### COMPARE THE HYDRO MPC BOOSTERPAQ WITH HYDRO MULTI-B

| FEATURES / FUNCTIONS                          | HYDRO MPC BOOSTERPAQ® | HYDRO MULTI-B |
|---|-----------------------|---------------|
| UL Listed Package Pumping System              | X                     | X             |
| System NSF 61 / ANSI 372 Certified            | X                     | X             |
| ASHRAE 90.1 - 2010 Compliant                  | X                     | X             |
| Constant-pressure control                     | X                     | X             |
| Stop function (no flow shutdown)              | X                     | X             |
| Dry-run protection via digital input          | Capable               | Standard      |
| Dry-run protection via analog input           | Standard              | Capable       |
| SCADA communication capability                | Capable               | Capable       |
| Automatic cascade control                     | X                     | X             |
| Automatic pump alternation                    | X                     | X             |
| Forced pump changeover                        | X                     | X             |
| Password protection                           | X                     | X             |
| High-system pressure shutdown                 | X                     | X             |
| Low-system pressure shutdown                  | X                     |               |
| Pump curve data loaded into controller        | X                     |               |
| -Proportional pressure control                | X                     | Coming Soon   |
| -Pumps outside of duty range protection       | X                     |               |
| -End of curve protection                      | X                     |               |
| -Flowrate estimation (viewable on controller) | X                     |               |
| Advanced control interface                    | X                     |               |
| Alternative set-points                        | X                     |               |
| Pump test run                                 | X                     |               |
| Clock program                                 | X                     |               |
| Pilot pump                                    | X                     |               |
| Set-point influence (via analog input)        | X                     |               |
| Soft pressure build-up                        | X                     |               |
| Emergency run (via digital input)             | X                     |               |
| Limit exceeded 1 (flow, level, temp., etc.)   | X                     |               |
| Limit exceeded 2 (flow, level, temp., etc.)   | X                     |               |
| Built-in logging capability                   | X                     |               |
| Battery back-up capability                    | X                     |               |
| Reduced Operation (via digital input)         | X                     |               |
| Ethernet connection (built-in web server)     | X                     |               |

### Applications

- High-rises up to six stories tall such as apartment buildings and hotels
- Pressure boosting in rural areas
- Domestic turf and irrigation
- Applications where redundant pumping is needed

## **Grundfos Boosters – in a class of their own**

By combining advanced product features with simplicity and user-friendliness, Grundfos' comprehensive range of boosting systems is the unrivalled leader in a wide variety of markets – from residential and commercial buildings to water utility projects and industrial applications.

L-BSP-SL-0111-14

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