

## APPLICATIONS

Ideal for one or multiple tap outlets to your garden, toilet and laundry, the Grundfos JPRain range offers a reliable solution to help you utilise your collected rainwater in the best possible way.

## FEATURES

- 3 models: JPRain, JPRain MP, JPRain PT
- Self priming from bore and rainwater tank
- Strong suction capacity
- Automatic on/off switch
- Built in thermal protection
- Suitable for above or underground rainwater tanks
- Handles small sandy impurities with ease

## CONSTRUCTION

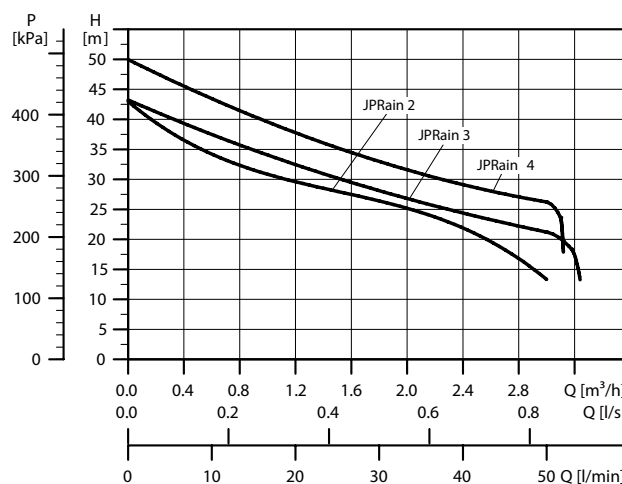
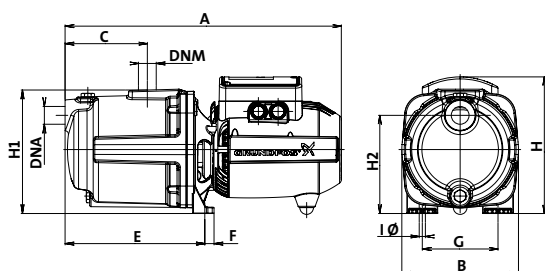
- Technopolymer pump body
- Carbon/ceramic mechanical seal
- AISI 304 stainless steel shaft
- IP44 motor
- Insulation Class F, with built-in overload protection
- Voltage 240 V

## PERFORMANCE

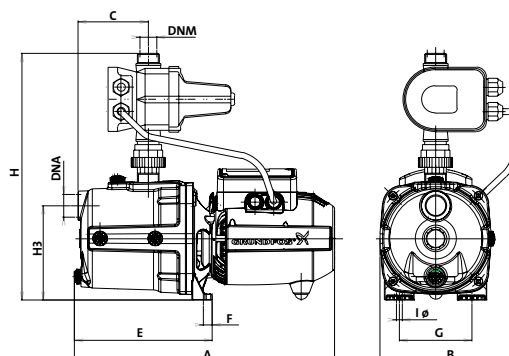
| Pumps          | Discharge Pressure (kPa/psi) - based on zero suction lift |     |     |     |     |     |     |
|----------------|-----------------------------------------------------------|-----|-----|-----|-----|-----|-----|
|                | 150                                                       | 200 | 250 | 300 | 350 | 400 | 500 |
|                | 22                                                        | 29  | 36  | 44  | 51  | 58  | 72  |
| Output (l/min) |                                                           |     |     |     |     |     |     |
| JPRain 2 PT08  | 46                                                        | 39  | 30  | -   | -   | -   | -   |
| JPRain 3 PT18  | -                                                         | 58  | 40  | 29  | -   | -   | -   |
| JPRain 4 PT18  | -                                                         | -   | 58  | 44  | 29  | -   | -   |
| JPRain 2 MP    | 40                                                        | 34  | 26  | -   | -   | -   | -   |
| JPRain 3 MP    | -                                                         | 51  | 35  | 26  | -   | -   | -   |
| JPRain 4 MP    | -                                                         | -   | 51  | 39  | 26  | -   | -   |

As a guide 1 tap  = 10 litres per minute • 1 sprinkler  = 15 litres per minute

## DIMENSIONS



Bare pumps only - there is a pressure drop when using the MP versions.



## TECHNICAL FEATURES

**JPRain** The JPRain without any automatic controllers will operate manually by switching the pump on and off at the power point.

| Pump type | Dimensions (mm) |     |     |     |     |    |     |     |     |                |      |      |
|-----------|-----------------|-----|-----|-----|-----|----|-----|-----|-----|----------------|------|------|
|           | A               | A1  | B   | C   | E   | F  | G   | H   | H3  | I <sub>ø</sub> | DNA  | DNM  |
| JPRain 2  | 410             | 390 | 178 | 122 | 192 | 14 | 111 | 200 | 144 | 9              | Rp 1 | Rp 1 |
| JPRain 3  | 410             | 390 | 178 | 122 | 192 | 14 | 111 | 200 | 144 | 9              | Rp 1 | Rp 1 |
| JPRain 4  | 429             | 409 | 178 | 122 | 197 | 14 | 111 | 213 | 144 | 9              | Rp 1 | Rp 1 |

**JPRain MP** The JPRain MP is a complete system which automatically switches on and off according to demand. The controller also has dry run protection to stop the pump if the tank runs dry. When small system leaks are present the MP will prevent cycling of the pump.

| Pump type   | Dimensions (mm) |     |     |     |    |     |                |     |     |      |      |
|-------------|-----------------|-----|-----|-----|----|-----|----------------|-----|-----|------|------|
|             | A               | B   | C   | E   | F  | G   | I <sub>ø</sub> | H   | H3  | DNA  | DNM  |
| JPRain 2 MP | 410             | 212 | 122 | 192 | 14 | 111 | 9              | 360 | 144 | Rp 1 | Rp 1 |
| JPRain 3 MP | 410             | 212 | 122 | 192 | 14 | 111 | 9              | 360 | 144 | Rp 1 | Rp 1 |
| JPRain 4 MP | 429             | 212 | 122 | 197 | 14 | 111 | 9              | 360 | 144 | Rp 1 | Rp 1 |

**JPRain PT** The JPRain PT fitted with a pressure switch and tank will start and stop automatically when a tap is opened or closed. The system will draw water from the pressure tank first when only a small amount of water is needed. JPRain PT is supplied with a non-return valve which is to be fitted to the pump inlet.

| Pump type   | Dimensions (mm) |     |     |     |    |     |    |     |     |      |      |
|-------------|-----------------|-----|-----|-----|----|-----|----|-----|-----|------|------|
|             | A               | B   | C   | E   | F  | G   | Iø | H   | H3  | DNA  | DNM  |
| JPRain 2 PT | 410             | 212 | 122 | 192 | 14 | 111 | 9  | 570 | 144 | Rp 1 | Rp 1 |
| JPRain 3 PT | 410             | 212 | 122 | 192 | 14 | 111 | 9  | 570 | 144 | Rp 1 | Rp 1 |
| JPRain 4 PT | 429             | 212 | 122 | 197 | 14 | 111 | 9  | 570 | 144 | Rp 1 | Rp 1 |

| Pump type | Voltage (V) |                            |                        |                        |                       |           |     |
|-----------|-------------|----------------------------|------------------------|------------------------|-----------------------|-----------|-----|
|           |             | P <sub>1</sub><br>Max [kW] | P <sub>2</sub><br>[kW] | P <sub>2</sub><br>[hp] | I <sub>ø</sub><br>[A] | Capacitor |     |
| JPRain 2  | 1 x 240     | 0.72                       | 0.44                   | 0.6                    | 3.12                  | 12.5      | 450 |
| JPRain 3  | 1 x 240     | 0.85                       | 0.60                   | 0.8                    | 3.4                   | 12.5      | 450 |
| JPRain 4  | 1 x 240     | 1.13                       | 0.75                   | 1.0                    | 4.7                   | 16.0      | 450 |



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Being responsible is our foundation  
Thinking ahead makes it possible  
Innovation is the essence

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