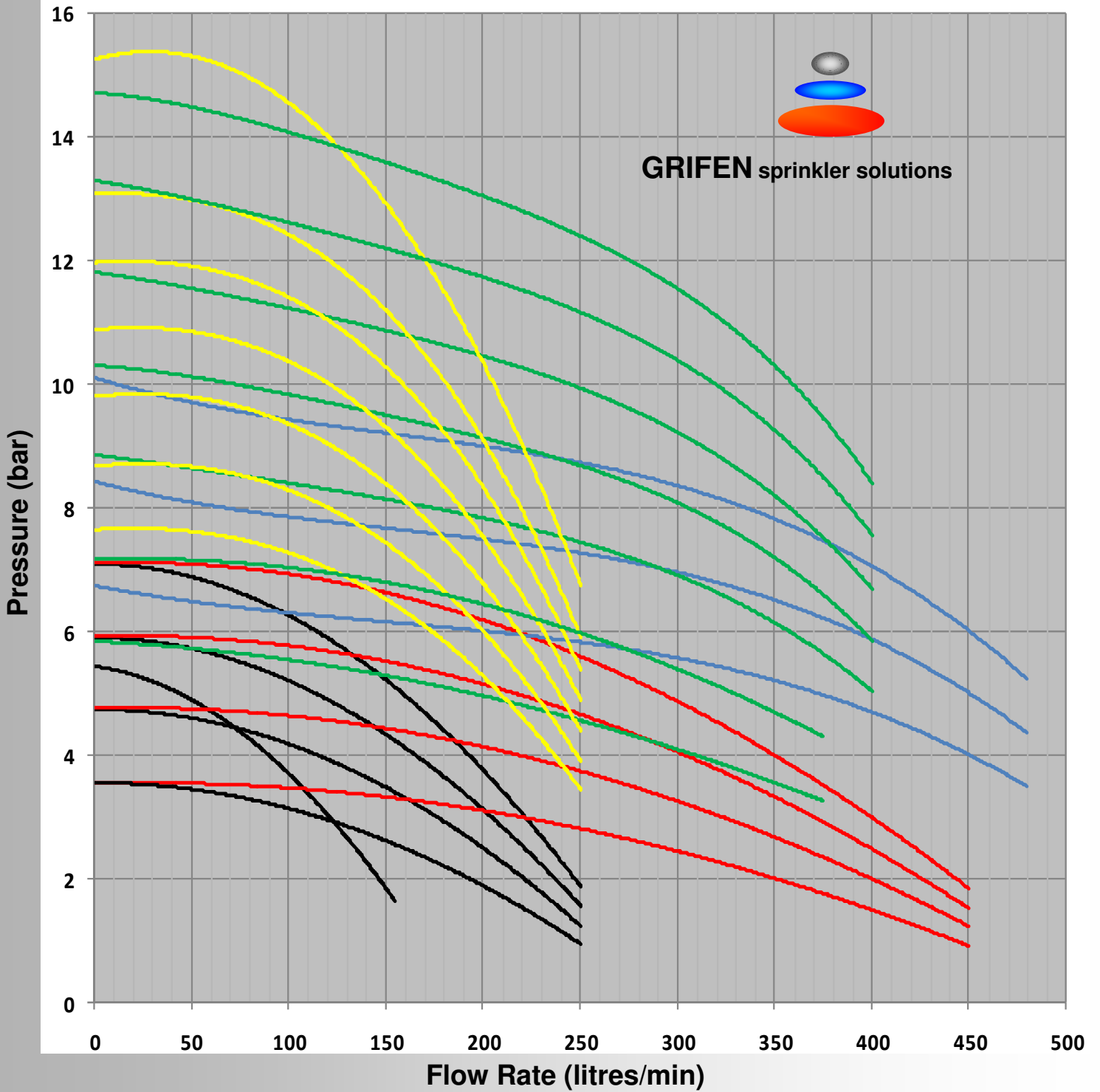


FLOWST8_N SERIES



| RD Series | | R Series | | RH Series | | VM Series | | RD400 Series | |
|-----------|---------------------|----------|---------------------|-----------|---------------------|------------|----------------------|--------------|----------------------|
| RD230-29 | 120 l/min @ 2.9 bar | R230-28 | 240 l/min @ 2.8 bar | RH400-52 | 350 l/min @ 5.2 bar | R400-48VM | 240 l/min @ 4.8 bar | RD400-70VM | 120 l/min @ 7 bar |
| RD230-30 | 120 l/min @ 3 bar | R400-37 | 240 l/min @ 3.7 bar | RH400-65 | 350 l/min @ 6.5 bar | R400-61VM | 240 l/min @ 6.1 bar | RD400-80VM | 120 l/min @ 8 bar |
| RD230-39 | 120 l/min @ 3.9 bar | R400-47 | 240 l/min @ 4.7 bar | RH400-78 | 350 l/min @ 7.8 bar | R400-75VM | 240 l/min @ 7.5 bar | RD400-90VM | 120 l/min @ 9.0 bar |
| RD230-48 | 120 l/min @ 4.8 bar | R400-57 | 240 l/min @ 5.7 bar | | | R400-87VM | 240 l/min @ 8.7 bar | RD400-100VM | 120 l/min @ 10 bar |
| RD230-58 | 120 l/min @ 5.8 bar | | | | | R400-100VM | 240 l/min @ 10 bar | RD400-111VM | 120 l/min @ 11.1 bar |
| | | | | | | R400-112VM | 240 l/min @ 11.2 bar | RD400-121VM | 120 l/min @ 12.1 bar |
| | | | | | | R400-124VM | 240 l/min @ 12.4 bar | RD400-141VM | 120 l/min @ 14.1 bar |

Technical Specifications

| Model | Pump flow | H max (bar) | VAC | kW | Full load current (amps) | Soft starter | inlet | outlet | test |
|-------------|----------------------|-------------|------|------|--------------------------|--------------|--------|--------|--------|
| RD230-29 | 120 l/min @ 2.9 bar | 3.6 | 230 | 1.3 | 7.8 | - | 1 1/2" | 1 1/4" | 1 1/4" |
| RD230-30 | 120 l/min @ 3 bar | 5.6 | 230 | 2.2 | 13.9 | - | 1 1/2" | 1 1/4" | 1 1/4" |
| RD230-39 | 120 l/min @ 3.9 bar | 4.8 | 230 | 1.5 | 8.7 | - | 1 1/2" | 1 1/4" | 1 1/4" |
| RD230-48 | 120 l/min @ 4.8 bar | 6.0 | 230 | 2.2 | 13.0 | - | 1 1/2" | 1 1/4" | 1 1/4" |
| RD230-58 | 120 l/min @ 5.8 bar | 7.2 | 230 | 2.2 | 13.0 | - | 1 1/2" | 1 1/4" | 1 1/4" |
| R230-28 | 240 l/min @ 2.8 bar | 3.6 | 230 | 2.2 | 13 | - | 2" | 1 1/2" | 1 1/4" |
| R400-37 | 240 l/min @ 3.7 bar | 4.8 | 400 | 3.0 | 6.3 | * | 2" | 1 1/2" | 1 1/4" |
| R400-47 | 240 l/min @ 4.7 bar | 6.0 | 400 | 4.0 | 8.1 | * | 2" | 1 1/2" | 1 1/4" |
| R400-57 | 240 l/min @ 5.7 bar | 7.2 | 400 | 4.0 | 8.1 | * | 2" | 1 1/2" | 1 1/4" |
| RH400-52 | 350 l/min @ 5.2 bar | 6.7 | 400 | 5.5 | 10.0 | * | 2" | 2" | 1 1/4" |
| RH400-65 | 350 l/min @ 6.5 bar | 8.4 | 400 | 7.5 | 13.1 | ✓ | 2" | 2" | 1 1/4" |
| RH400-78 | 350 l/min @ 7.8 bar | 10.1 | 400 | 7.5 | 13.1 | ✓ | 2" | 2" | 1 1/4" |
| R400-48VM | 240 l/min @ 4.8 bar | 5.9 | 400* | 4.0 | 7.3 | * | 2" | 2" | 1 1/4" |
| R400-61VM | 240 l/min @ 6.1 bar | 7.2 | 400 | 5.5 | 10.1 | * | 2" | 2" | 1 1/4" |
| R400-75VM | 240 l/min @ 7.5 bar | 8.8 | 400 | 5.5 | 10.0 | * | 2" | 2" | 1 1/4" |
| R400-100VM | 240 l/min @ 10 bar | 11.8 | 400 | 7.5 | 13.1 | ✓ | 2" | 2" | 1 1/4" |
| R400-112VM | 240 l/min @ 11.2 bar | 13.3 | 400 | 7.5 | 13.1 | ✓ | 2" | 2" | 1 1/4" |
| R400-124VM | 240 l/min @ 12.4 bar | 14.7 | 400 | 11.0 | 19.7 | ✓ | 2" | 2" | 1 1/4" |
| RD400-70VM | 120 l/min @ 7 bar | 7.6 | 400* | 3.0 | 5.6 | * | 1 1/2" | 1 1/2" | 1 1/4" |
| RD400-80VM | 120 l/min @ 8 bar | 8.7 | 400* | 3.0 | 5.6 | * | 1 1/2" | 1 1/2" | 1 1/4" |
| RD400-90VM | 120 l/min @ 9 bar | 9.8 | 400* | 4.0 | 7.0 | * | 1 1/2" | 1 1/2" | 1 1/4" |
| RD400-100VM | 120 l/min @ 10 bar | 10.9 | 400* | 4.0 | 7.0 | * | 1 1/2" | 1 1/2" | 1 1/4" |
| RD400-111VM | 120 l/min @ 11.1 bar | 12.0 | 400* | 4.0 | 7.0 | * | 1 1/2" | 1 1/2" | 1 1/4" |
| RD400-121VM | 120 l/min @ 12.1 bar | 13.1 | 400 | 5.5 | 10.0 | * | 1 1/2" | 1 1/2" | 1 1/4" |
| RD400-141VM | 120 l/min @ 14.1 bar | 15.3 | 400 | 5.5 | 10.0 | * | 1 1/2" | 1 1/2" | 1 1/4" |

Other pump options are available. Please contact us for more details, we simply cannot list all of them.

*** Options:**

***Single phase option** — 400VAC models also available in 230VAC

***Soft starter option** — soft starters are available as an option on all 400VAC models. Pumps with a kW rating of 7.5 or above will be fitted with a soft starter as standard

FLOWSTAR pump curves above are a replication of the manufacturer pump curves, good design practice is essential and must be applied to the suction side and delivery side to avoid losses. It is recommended that products are selected with a margin for error/safety.

N.B suction pipes, bends, valves, the flow switch, water height in the tank all affect pump duty, they must be considered and calculated.

GRIFEN sprinkler solutions

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