

CSE TVMIX ZV G 3/4M Pump Station


| Main Features | |
|---------------|---|
| Application | in DHW systems with recirculation |
| Description | consists of UPM3 DHW 15-70 pump; Tvmix anti-scald valve; housing of the recirculation connection kit; 3 check valves; connection fittings and thermometer |
| Working fluid | drinking water |
| Installation | according to the connection diagram below; flow direction indicated by arrows on the body shall be respected |
| Code | 17893 |

| Data for CSE TVMIX ZV G 3/4M Pump Station | |
|---|----------------------|
| Fluid working temperature | 5 to 95°C |
| Max. working pressure | 10 bar |
| Max. ambient temperature | 70 °C |
| Max. relative humidity | 95 %, non condensing |
| Power supply | 1 x 230 V, 50 Hz |
| Insulation material | EPP RG 60 g/l |
| Overall dimensions (L x W x H) | 320 x 210 x 170 mm |
| Total weight | 3 kg |
| Connections | 5 x G 3/4"M |



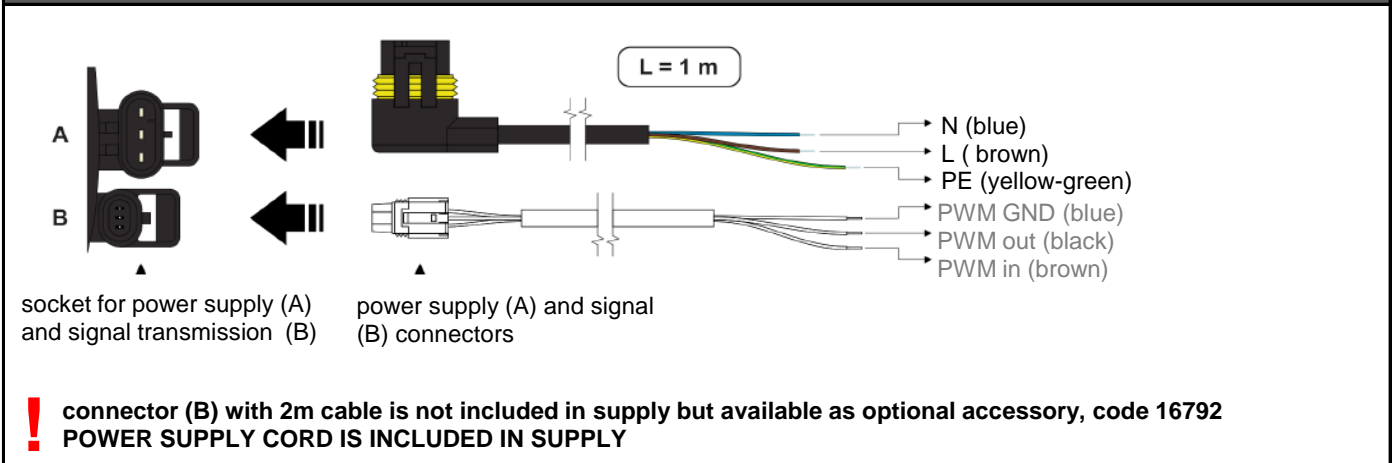
| UPM3 DHW 15-70 Pump | |
|--|--|
| Electric Data | |
| Power supply | 1 x 230 V, 50 Hz |
| Power input (min./max.) | 2/52 W |
| Current (min./max.) | 0.04/0.52 A |
| Max. speed | 5766 rpm |
| Weighted average power | ≤23 W |
| Energy Efficiency Index | ≤0.20 by EN 16 297/3 |
| IP rating | IP44 |
| Motor protection | not needed |
| Min. pressure at the suction port to avoid cavitation | |
| Min. pressure at the suction port | 0.5 m H ₂ O at 75 °C 5.1 m H ₂ O at 95 °C |
| Operating Parameters | |
| Fluid working temperature | 2 to 95 °C |
| Max. working pressure | 10 bar |
| Tvmix Anti-scald Valve | |
| Technical Data | |
| Working temperature range | 5 to 95 °C |
| Adjustable temperature range | 35 to 65 °C ± 3°C |
| Max. working pressure | 10 bar |

CSE TVMIX ZV G 3/4M Pump Station

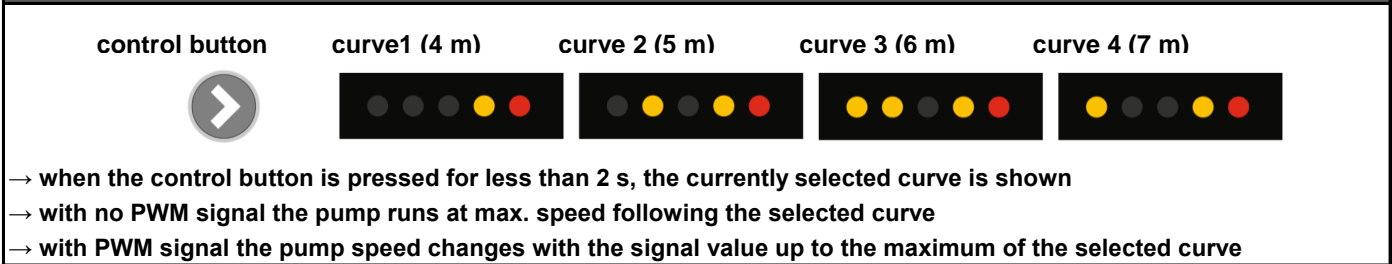
Accessories

PWM signal cable (L = 2 m) code 16792

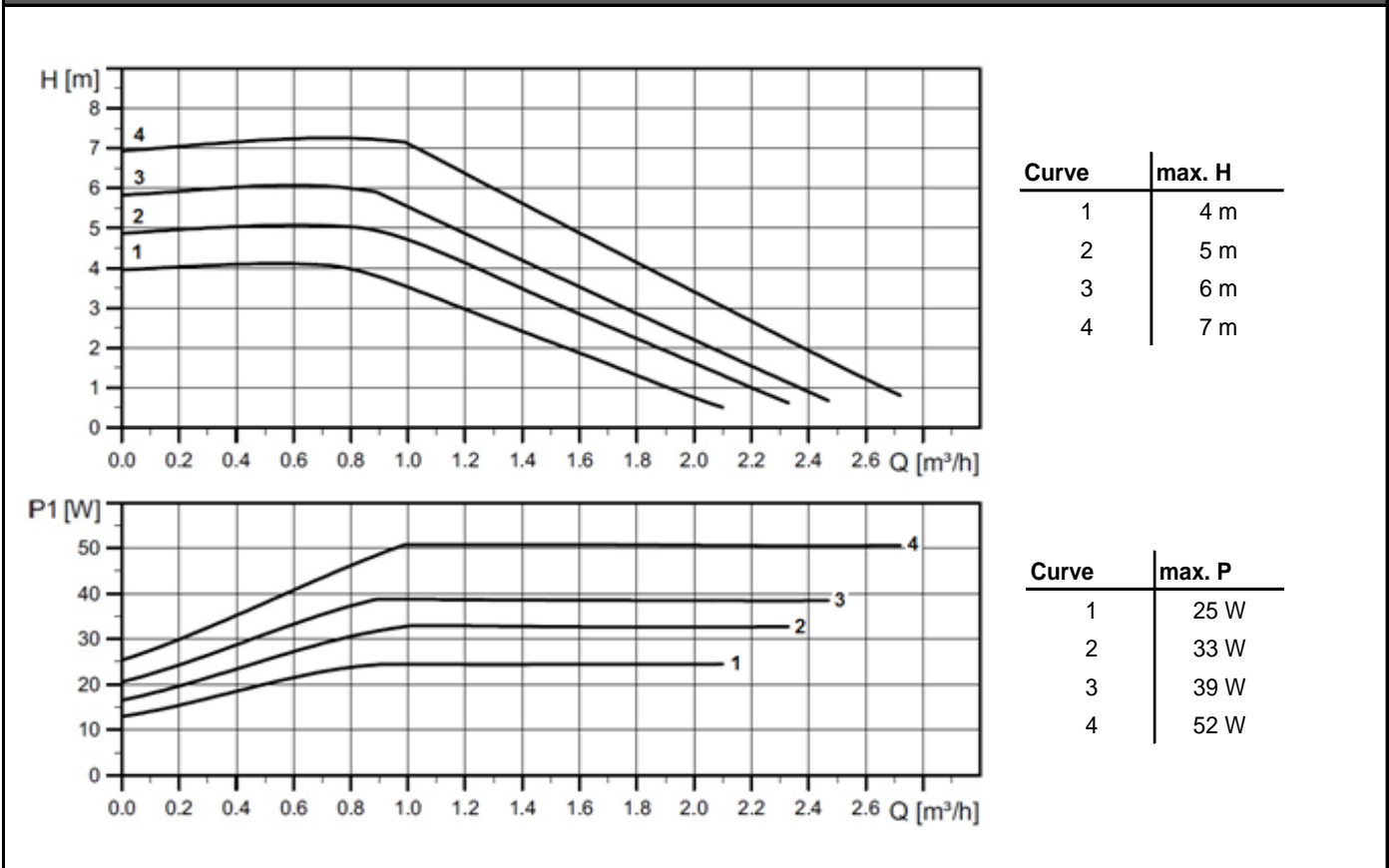
UPM3 DHW 15-70 Pump Connection



Selected profile display during pump operation



UPM3 DHW 15-70 Pump Performance Curves



CSE TVMIX ZV G 3/4M Pump Station

Diagram of Pump Station Connection to a DHW Heating System

