

U-meter & U-meter⁺ Description

- 1.1. Reduces installation time and eliminates the risk of leaks when using separate components
- 1.2. It has a large, high visibility LED display which shows the U-valve number assigned in the system and the U-valve operation
- 1.3. Four different LED lights that show the U-valve operation for diagnosis and two buttons for system configuration
- 1.4. U-valve supports CAN BUS cable communication that transmits data and the electric power required to open the solenoid valve and Bluetooth[®] connection to a U-vision or a U-vision⁺ fluid handle with display
- 1.5. U-valve⁺ includes Wi-Fi[®] communications for data transmission to other system components

U-meter & U-meter⁺ Specifications:

Component Technical Data

- 2.1. All U-meter & U-meter⁺ will function as a In-line meter
- 2.2. All U-meter & U-meter⁺ will require U-power or U-power⁺ power supply units. Order solenoid separately
- 2.3. All U-meter & U-meter⁺ will require 24 V DC supplied by a U-dat or a U-power module

Product Specifications

- 2.4. 3110-117, 3110-139 will have connection threads of 1/2" NPT(F)
- 2.5. 3110-117, 3110-139 will have a flow range of 1 - 32 qt/min (1 - 30 l/min)
- 2.6. 3110-117, 3110-139 will have 310 ppq (328 ppl), pulses per quart
- 2.7. 3110-117, 3110-139 will have a accuracy of +/- 0.5 %
- 2.8. 3110-123, 3110-122 will have connection threads of 3/4" NPSM(F)
- 2.9. 3110-123, 3110-122 will have a flow range of 8.4 - 84.4 qt/min (8 - 80 l/min)
- 2.10. 3110-123, 3110-122 will have 103 ppq (109 ppl), pulses per quart
- 2.11. 3110-123, 3110-122 will have a accuracy of +/- 0.5 %
- 2.12. 3110-121, 3110-120 will have connection threads of 1/2" BSPP
- 2.13. 3110-121, 3110-120 will have a flow range of 1 - 52.8 qt/min (1 - 50 l/min)
- 2.14. 3110-121, 3110-120 will have 303 ppq (320 ppl), pulses per quart
- 2.15. 3110-121, 3110-120 will have a accuracy of +/- 0.5 %
- 2.16. 3110-119, 3110-118 will have connection threads of 1/2" BSPP
- 2.17. 3110-119, 3110-118 will have a flow range of 1 - 52.8 qt/min (1 - 50 l/min)
- 2.18. 3110-119, 3110-118 will have 303 ppq (320 ppl), pulses per quart
- 2.19. 3110-119, 3110-118 will have a accuracy of +/- 0.5 %
- 2.20. All U-meter & U-meter⁺ will have a maximum working pressure of 1,450 psi (100 bar)

Materials

The wetted materials will consist of:

- 3.1. 3110-117, 3110-139 - Aluminum, NBR, stainless steel, acetal
- 3.2. 3110-123, 3110-122 - Aluminum, NBR, stainless steel, acetal
- 3.3. 3110-121, 3110-120 - PVC, Vectra[®], stainless steel, Viton[®]
- 3.4. 3110-119, 3110-118 - Stainless steel, Vectra[®], Viton[®]

Warranty

- 4.1. All U-meter & U-meter⁺ will have 1-year standard warranty on defects in materials and workmanship only.