

Fuelling products

Pressure fuelling nozzles

HU3000 series with MK6 surge controller

HU3000 series with MK6
surge controller



Key Features

- Choice of three different types of handle
- Six slot engagement for easier coupling location overhead
- Common flanges allow for full interchangeability of components
- Option of selectivity and 90 deg elbow for 2 1/2-in hydrant systems

Addition features

- Nose seal replaceable without depressurising
- Blockout feature for testing Surge controller
- All units complete with cap
- Bonding cable also available
- Serviceability: designed for quick and easy maintenance

Meggitt Control Systems

Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fuelling products | Energy products | Aftermarket services

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extreme environments

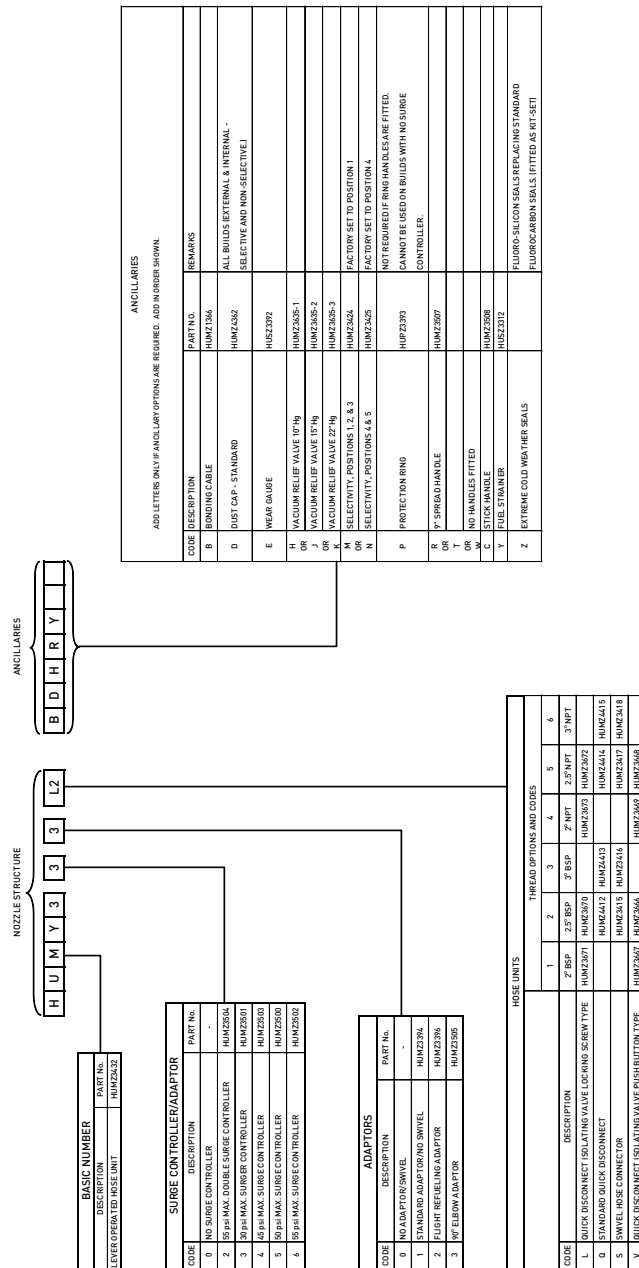
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Specification

HUMY3000 SERIES HOSE UNIT - CODING CHART



NOTES -
 1. HOSE UNITS COMPLETE WITH ALL ANCILLARIES, TO BE TESTED TO TEST SCHEDULE TS-14 AND SUPPLIED ASSEMBLED TOGETHER.
 2. HOSE UNITS INCORPORATING SURGE CONTROLLERS MAY BE TESTED TO TEST SCHEDULE TS-20/DYNAMIC TESTING, IF SPECIFIED BY CUSTOMER.
 3. ALL PARTS AND ACCESSORIES ARE AS FOLLOWS -
 ZNM202301 GANNON MULLIPORE VENT PORT ADAPTOR (PART NUMBER - 01P - 771)
 ZNM202302 GANNON MULLIPORE JET TEST QUICK DISCONNECT (PART NUMBER - 235 - 3/4 AH)
 ZNM202303 GANNON MULLIPORE JET TEST SHORT (PART NUMBER - 0 TP - 235 - 2 AH)
 ZNM202307 GANNON MULLIPORE VENT PORT ACTUATOR (PART NUMBER - 0 TP - 791)
 4. ALL PARTS AND ACCESSORIES ARE TESTED USING A TORQUE SETTING OF 5 LB. FT.
 5. P.E.D. NAME PLATE TO BE LOGGED WROD TO UNIT.

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Specification

Selective sleeve



Bonding cable



Dust cap



Lever operated hose unit



Vacuum relief valve



Stick handle



Ring handle



55PSI Double surge controller/ adaptor



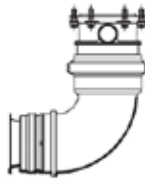
Surge controller/ adaptor



Protecting ring



Strainer



Adaptor profile



Swivel



Lightweight quick disconnect



Isolation valve



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PRESSURE RATING

Max Working Pressure:	10.3 bar(150psi)
Test Pressure:	15.5 bar (225 psi)
Max. Flow Rate:	1895 lpm 420 l gpm 500 US gpm

PRESSURE DROP (including aircraft adaptor)

Nozzle with quick-disconnect and 100 mesh strainer
at 1895 lpm. 1.03 bar (14.9 psi)

As above plus surge-controller.
1.79 bar (26.0 psi)

STRENGTH

After rigorous testing, including a six-foot drop test with full hose connected, the units continue to operate satisfactorily.

COMPATIBILITY

British Standard Aerospace Specification 2C14. International Standards Organisation ISO R45. NATO Stanag 3105.

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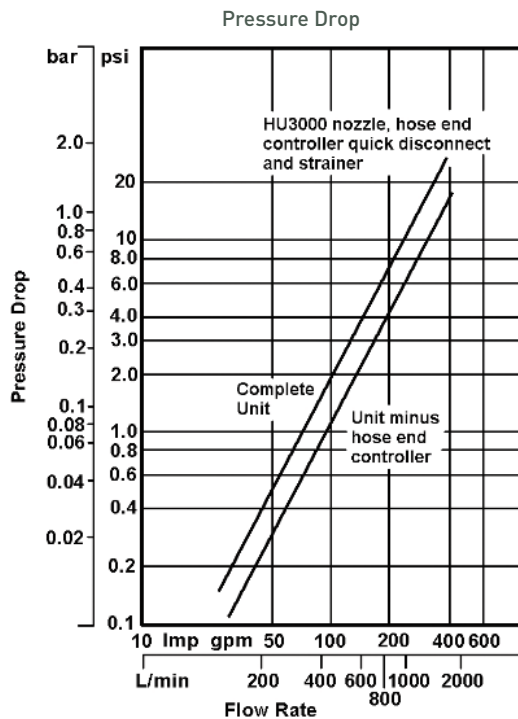
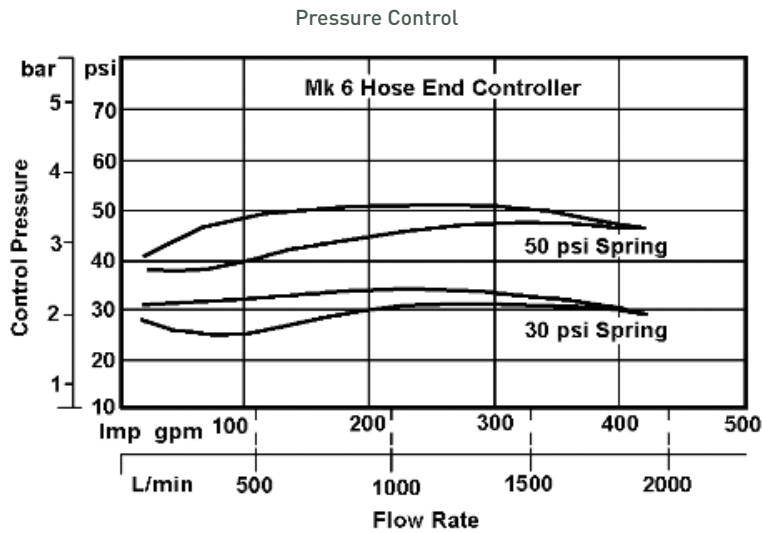
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Specification

Typical performance curves



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Key Dimensions

APPROVED BY

Major oil companies.

LENGTH

Complete nozzle, surge controller
 and quick disconnect 254mm (10 inch)

Extra fitted with surge
 Controller 127mm (6 inch)

MATERIALS

Materials in contact with the fuel are anodised aluminium alloy,
 stainless steel, PTFE Viton and high nitrile rubber.

WEIGHTS

Complete nozzle and
 swivel adaptor 4.14Kg (9.13lb)

Extra, fitted with
 Surge controller 1.47Kg (3.25lb)

Extra, with swivel
 quick-disconnect 0.73g (1.62lb)

OPERATING TEMPERATURES

Maximum: 60°C and 140°F

Minimum: -20 deg

Contact

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