

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:

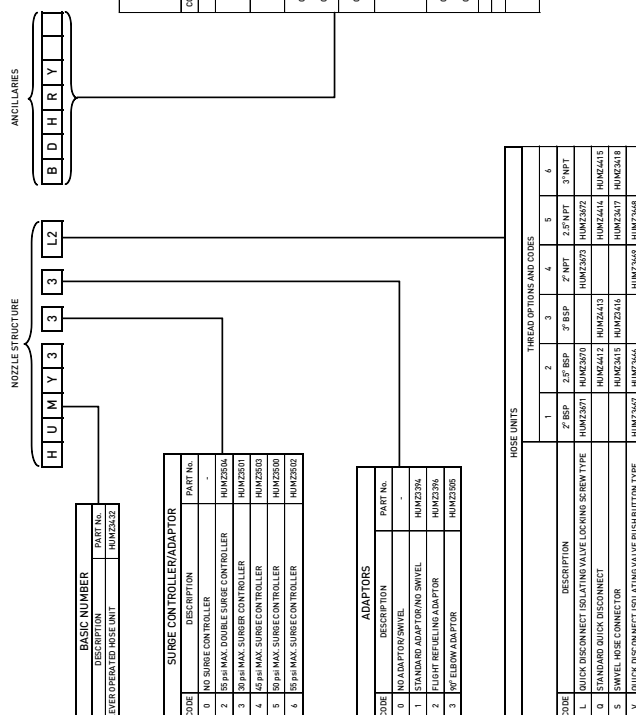
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fuelling products | Energy products | Aftermarket services

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smart engineering for
extreme environments

Pressure fuelling nozzles

Specification

ANCILLARIES			
ADD LETTERS ONLY IF ANCILLARY OPTIONS ARE REQUIRED. ADD IN ORDER SHOWN.			
CODE	DESCRIPTION	PART NO.	REMARKS
B	BONDING CABLE	HMM2356	
D	DUST CAP - STANDARD	HMM2362	ALL BULLIDS EXTERNAL & INTERNAL - SELECTIVE AND NON-SELECTIVE
E	WEAR GAUGE	HUG2392	
I	VACUUM RELIEF VALVE 1P" Hg	HMM2305-1	
J	VACUUM RELIEF VALVE 1P" Hg	HMM2305-2	
U	VACUUM RELIEF VALVE 2P" Hg	HMM2305-3	
M	SELECTIVITY POSITIONS 1, 2, & 3	HMM2426	FACTORY SET TO POSITION 1
N	SELECTIVITY POSITIONS 4, 5	HMM2426	FACTORY SET TO POSITION 4
P	PROTECTION RING	HUP2393	NOT REQUIRED IF RING HANDLES ARE FITTED. CANNOT BE USED ON BULLIDS WITH NO SURGE CONTROLLER.
V	SPREAD HANDLE	HMM2307	
T	NO HANDLES FITTED		
W	STICK HANDLE	HMM2308	
C	PULB STAINER	HMM2312	
Z	EXTREME COLD WEATHER SEALS		FLUORO-SILICON GELS REPLACING STANDARD



NOTES:

1. HOSE UNITS COMPLETE WITH ANCHILURES, TO BE TESTED TO TEST SCHEDULE TS, 14, AND SUPPLIED ASSEMBLED TOGETHER.

2. HOSE UNITS IN CORPORATING SURGE CONTROLLERS MAY BE TESTED TO TEST SCHEDULE TS, 20 (DYNAMIC TEST), IF SPECIFIED BY CUSTOMER.

3. FOR REFERENCE ONLY, RECOMMENDED FITTING FOR ALL CANNULAS SURGE CONTROLLERS ARE AS FOLLOWS:

4. ZMMD20-02-06 GANNON MILLIPORE JET SHORT P/CO CONNECT PART NUMBER: -235 - 23A/HL

5. ZMMD20-02-06 GANNON MILLIPORE JET TEST SHORT PART NUMBER: -07P - 235 - 2A/HL

6. ZMMD20-02-06 GANNON MILLIPORE JET PART ACTUATOR (PART NUMBER: -07T - 781).

7. ZMMD20-02-06 GANNON MILLIPORE JET PART ACTUATOR (PART NUMBER: -07T - 781).

8. P/CO, NAMEPLATE TO BE LOCATED W/IN 1' TO 1' 6" OF THE END OF THE HOSE UNIT, LOCATED WITHIN 9.5 LB. FT.

9. P/CO, NAMEPLATE TO BE LOCATED W/IN 2' TO 2' 6" OF THE END OF THE HOSE UNIT, LOCATED WITHIN 9.5 LB. FT.

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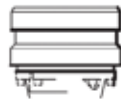
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Specification

Selective sleeve



Bonding cable



Dust cap



Lever operated hose unit



Vacuum relief valve



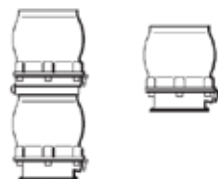
Stick handle



Ring handle



55PSI Double surge controller/ adaptor



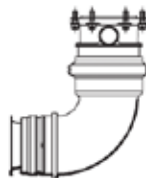
Surge controller/ adaptor



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 lpm
	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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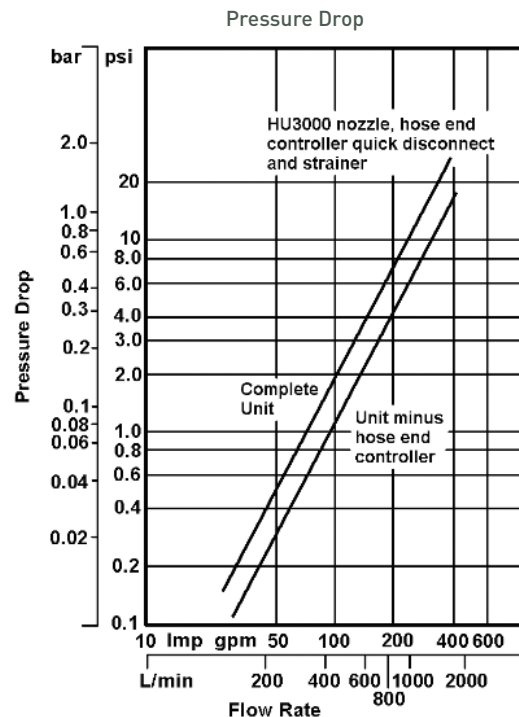
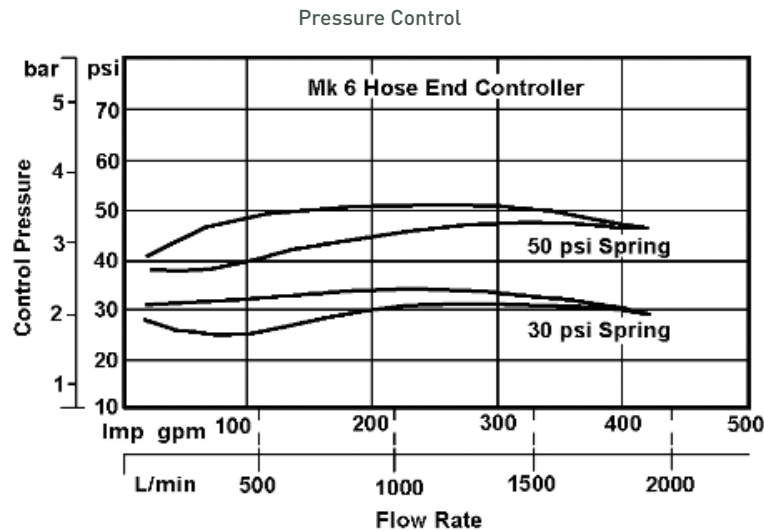
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Specification

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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