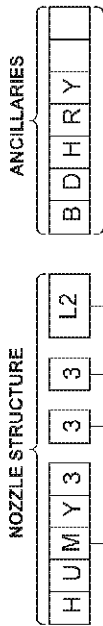


HU3000 SERIES WITH Mk6 SURGE CONTROLLER



- 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 1/2in. hydrant systems
- 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

HUMY3000 SERIES HOSE UNIT - CODING CHART



BASIC NUMBER	
DESCRIPTION	PART NO.
1/2" FIP OPERATED HOSE UNIT	H 10073627

SURGE CONTROLLER/ADAPTOR	
DESCRIPTION	PART NO.
NO SURGE CONTROLLER	H 10073628
30 IN MAX SURGE CONTROLLER	H 10073629
45 IN MAX SURGE CONTROLLER	H 10073630
60 IN MAX SURGE CONTROLLER	H 10073631
75 IN MAX SURGE CONTROLLER	H 10073632

ADAPTORS	
DESCRIPTION	PART NO.
NO ADAPTOR SWIVEL	H 10073633
STANDARD SWIVEL	H 10073634
FLIGHT RELEASE ADAPTOR	H 10073635
30" ELONG ADAPTOR	H 10073636

ANCILLARIES			
ADD LETTERS ONLY IF ANCILLARY OPTIONS ARE REQUIRED. ADD IN ORDER SHOWN.			
CODE	DESCRIPTION	PART NO.	REMARKS
E	BONDING CABLE	HUMZ1366	
D	3.51" COP. S/PNOVA-30	HUMZ1462	ALL RIII IS: PEPFRAM & INTERVAL SELECTIVE AND NON-SELECTIVE(S)
F	NEAR GAUGE	HLS23832	
H	UNCLAV. RELIEF VALVE 10"PG	HL M29585	
J	UNCLAV. RELIEF VALVE 15"PG	HL M29586-2	
K	UNCLAV. RELIEF VALVE 20"PG	HL M29586-3	
M	SELECTIVITY POSITIONING 1, 2 & 3	HL M29424	FACTORY SET TO POSITION 1
N	SELECTIVITY POSITIONING 4 & 5	HL M29425	FACTORY SET TO POSITION 4
P	PROTECTION RING	HL 726308	NOT REQUIRED IF FINGER GUARDS ARE FITTED TO THE HOSE OR BULBS WITH NO SURGE CONTROLLER
R	8" BREAK-AWAY HANDLE	HL M28807	
T			
W	WET HANDLES FITTED		
C	RITRIP PART	HL M25208	
V	FUEL STRAINER ASSY 100 MESH	HL 323317	
Z	EXTREME COLD WEATHER SEALS		FLUOROSULCON SEALS REPLACING STANDARD FLUOROPOLYMER SEALS (SEE IRLS 61, 65, 7)

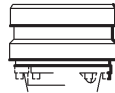
HOSE UNITS									
CODE	DESCRIPTION	--READ OPTIONS AND CODES							
		2 BSP	3 BSP	3" FPT	4	5	6	7	8
-	OUTLET DISCONNECT (EIGHTING VALVE LOCKING SCREW TYPE)	HUMZ3571	HUMZ3572	HUMZ3573	HUMZ3574	HUMZ3575	HUMZ3576	HUMZ3577	HUMZ3578
C	STANDARD QUICK DISCONNECT	HUMZ3416	HUMZ3417	HUMZ3418	HUMZ3419	HUMZ3420	HUMZ3421	HUMZ3422	HUMZ3423
E	ISOLATE HOSE CONNECTOR	HUMZ3416	HUMZ3417	HUMZ3418	HUMZ3419	HUMZ3420	HUMZ3421	HUMZ3422	HUMZ3423
V	OUTLET DISCONNECT (EIGHTING VALVE PUSH BUTTON TYPE)	HUMZ3337	HUMZ3338	HUMZ3339	HUMZ3340	HUMZ3341	HUMZ3342	HUMZ3343	HUMZ3344

NOTES:

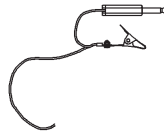
- HOSE UNITS COMPLETE WITH ALL ANCILLARIES TO BE TESTED TO TEST SCHEDULE T-18 AND SUPPLIED ASSEMBLED TOGETHER.
- HOSE UNITS INCORPORATING SURGE CONTROLLERS MAY BE TESTED TO TEST SCHEDULE T9.20 (DYNAMIC TESTING). IF SPECIFIED BY CUSTOMER.
- FOR REFERENCE ONLY. RECOMMENDED FITTINGS FOR BLOCKING OUT SURGE CONTROLLERS ARE AS FOLLOWS:
 - ZUMZ3300- CAMMION W/LLPORE VENT PORT ADAPTOR (PART NUMBER - 6TF - 77)
 - ZUMZ3300- CAMMION W/LLPORE VENT PORT ADAPTOR (PART NUMBER - 6TF - 77)
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 - ZUMZ3300- CAMMION W/LLPORE VENT PORT ADAPTOR (PART NUMBER - 6TF - 77)
- ALL VENT JACKS MUST BE LOCKED USING A LOCKING WRENCH (PART NUMBER - 6TF - 78)
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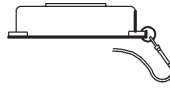
SELECTIVITY SLEEVE



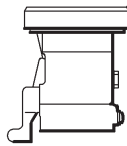
BONDING CABLE



DUST CAP



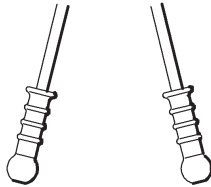
LEVER OPERATED HOSE UNIT



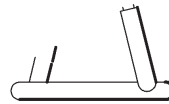
VACUUM RELIEF VALVE



STICK HANDLE



RING HANDLE



55 PSI DOUBLE SURGE CONTROLLER/ ADAPTOR



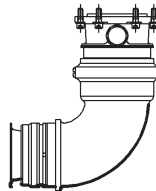
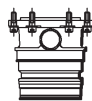
SURGE CONTROLLER/ ADAPTOR



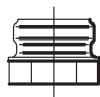
PROTECTION RING



STRAINER



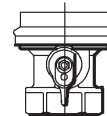
ADAPTOR PROFILE



SWIVEL



LIGHTWEIGHT QUICK DISCONNECT



ISOLATION VALVE

SPECIFICATION

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.

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 deg C

Minimum: -20 deg C

Avery-Hardoll	Whittaker Controls
Holland Way	12838 Saticoy St
Blandford Forum	North Hollywood
Dorset DT11 7BJ	California 91605-3505
UK	USA

Tel: +44 (0) 1258 486600
Fax: +44 (0) 1258 486601

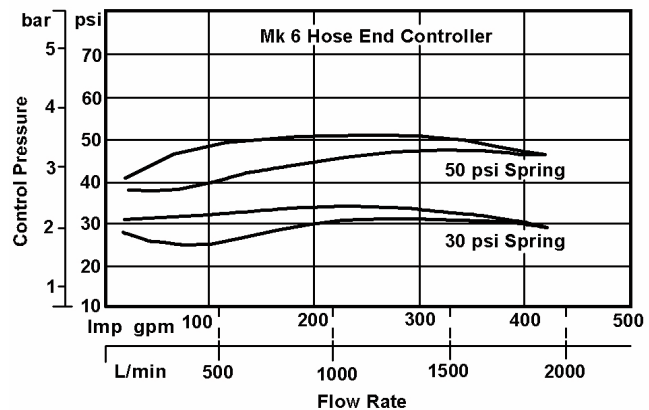
Tel: +1 818 765 8160
Fax: +1 818 759 2194

www.meggittfueling.com

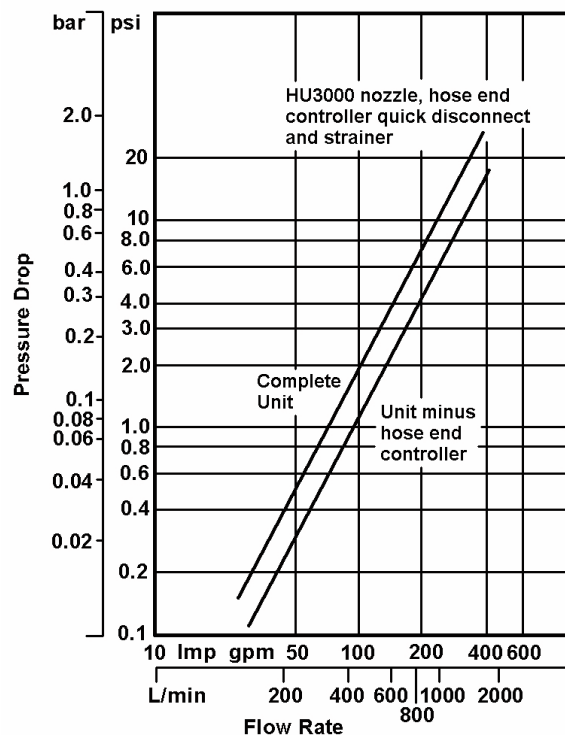
www.wkr.com
meggitt.com

TYPICAL PERFORMANCE CURVES

Pressure Control



Pressure Drop



MEGGITT