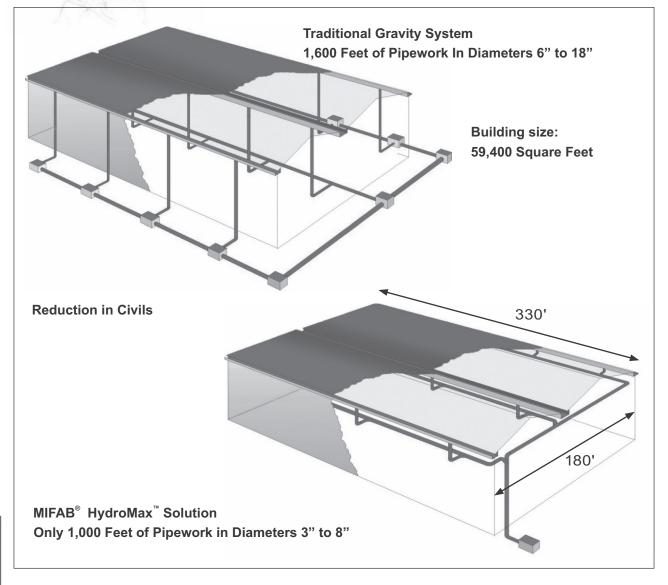


HYDROMAX[™] SIPHONIC ROOF DRAINS

INTRODUCTION



MIFAB[®] has taken the leadership in providing superior siphonic drainage solutions specifically engineered for the U.S., Canada and Mexico markets. Siphonic roof drainage solutions have been successfully used for nearly 50 years. The Mifab[®] HYDROMAX[™] siphonic solutions are based on the latest ASPE/ANSI 45 Standard and with hundreds of HYDROMAX[™] projects using many thousands of HYDROMAX[™] siphonic roof drains tested to ASME/ANSI A112.6.9:2005 drain standard with IAPMO listing. The MIFAB HYDROMAX siphonic solutions are compliant with the latest IPC Chapter 11 requirements.



ROOF DRAINS

The MIFAB HYDROMAX siphonic roof drain system is designed to have high flow capacities while minimizing ponding. Mifab's unique system prevents air ingress into the pipework, combined with a hydraulically designed pipe system, allows for high performance siphonic flows. The advanced Mifab[®] HydroTechnic[™] online analytical design calculation software program which has been independently tested for full compliance with ASPE/ANSI 45, provides calculations for optimum system efficiency.

Design and dimensions are subject to modification. Prices do not include applicable taxes. Visit www.mifab.com for t

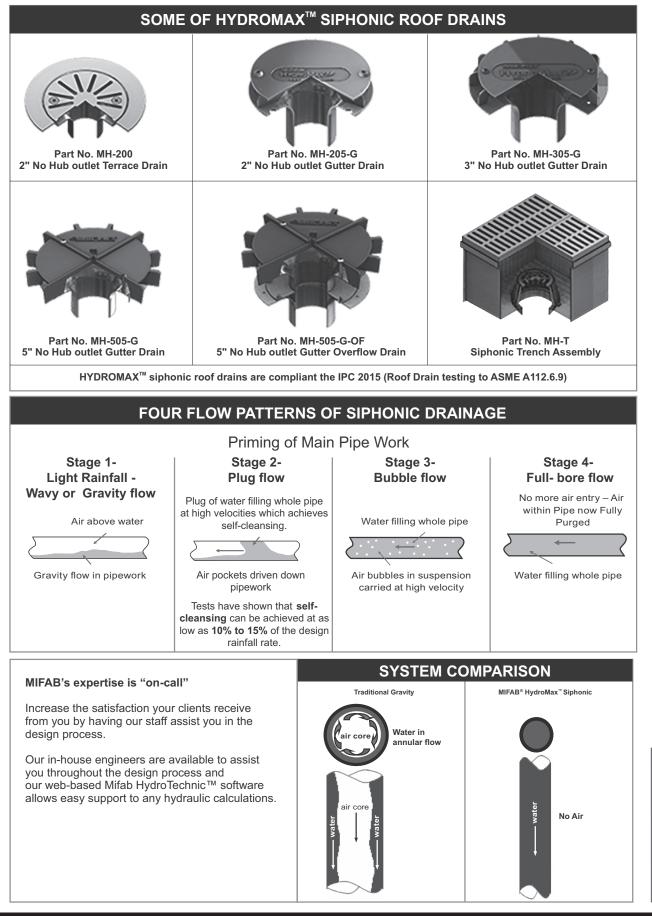


HYDROMAX[™] SIPHONIC ROOF DRAINS

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ROOF DRAINS

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Visit www.mifab.com for the most recent product information.

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Toll Free: 1-800-465-2736 • Fax: 1-773-341-3049 sales@mifab.com • Canada Toll Free: 1-800-387-3880 MIFAB[®], Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA All sales subject to MIFAB's[®] Terms and Warranties. Please refer to inside front cover.



MH-300, 400, 500, 600

MIFAB[®] HYDROMAX[™] PRIMARY SIPHONIC ROOF DRAINS MH-300, 400, 500, 600





MODEL No.	K FACTOR	MAX CAPACITY (GPM)	
MH-300	0.05	415	POA
MH-400	0.07	750	POA
MH-500	0.06	1280	POA
MH-600	0.11	1820	POA

MH-301, 401, 501, 601

MIFAB[®] HYDROMAX[™] SECONDARY OVERFLOW SIPHONIC ROOF DRAINS WITH 2" DAM

MH-301, 401, 501, 601





MODEL No.	K FACTOR	MAX CAPACITY (GPM)	
MH-301	0.095	415	POA
MH-401	0.12	750	POA
MH-501	0.11	1280	POA
MH-601	0.14	1820	POA

MH-PG-D3, D4, D5

MIFAB[®] HYDROMAX™ PARKING / PROMENADE DECK DRAIN

MH-PG-D3, D4, D5



MODEL No.	K FACTOR	MAX CAPACITY (GPM)	
MH-PG-D3	0.05	415	POA
MH-PG-D4	0.07	750	POA
MH-PG-D5	0.06	1280	POA

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Part No. MH-PG-D Parking Garage/Deck Siphonic Drain (Available in 3", 4" or 5" No Hub outlet connections)

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Benefits of incorporating a MIFAB[®] HYDROMAX[™] Siphonic Roof Drain System

ROOF DRAINS

HYDROMAX[™] SIPHONIC

- Cost savings of 25 to 45% Smaller Pipe Size
- Horizontal pipes installed flat, no slope means substantial space savings. Labor savings
- Less ponding
- IPC 2018 compliant All MIFAB[®] HYDROMAX[™] drains have ponding graphs GPM of drain from testing to ASME A112.6.9
- Ideal for primary & secondary overflow roof drainage
- Flexibility in routing frees up building space.

• Eliminate trenching under building floor.

In order to correctly design a Mifab[®] HYDROMAX[™] Siphonic roof drain system the following information is needed:

- 1. Designed rainfall rate (inches per Hour).
- 2. Piping material: Schedule 40 solid wall PVC or Cast Iron (If PVC, specify sizes you have access to).
- 3. For quicker turnaround time (2-3 days). A fully dimensioned riser drawing with GPM inflow (or individual areas with design rainfall rate).
- 4. For a standard turnaround time (no. of days dependent on complexity and size).
 - A. Plans showing or that can help us determine and fully dimension the following
 - (In AutoCAD .DWG file format only. We can't use .PDF files).
 - i. Catchment areas or the GPM's per drain location (Roof Plans).
 - ii. Preferred piping routes and discharge points (Floor Plans directly below roof.).
 - iii. Elevation from drain to horizontal.
 - iv. Elevation from horizontal to discharge.
- 5. Name, address, contact details including email address of Engineer of record or Design Build Contractor (Please include all contact info in order to set up access to HydroTechnic software).
- 6. Project title.
- 7. Project address (City, State & Zip at minimum).
- 8. Confirmation of below grade being designed to free flow or surcharge (If surcharging, we need to know the height between the center of siphonic horizontal line at discharge to the manhole grate cover).

The provision of all the above requested information allows MIFAB to assist with your siphonic roof drainage design.

We will provide access to our MIFAB[®] HydroTechnic[™] analytical design calculation software for the Engineer of Record, designer and contractor as directed by the EoR. Within HydroTechnic[™] you can access the hydraulic calculation, edit the design, print the design calculation report, BOM and drawing files. All dimensions, GPM's, Routes, Pipe Materials, etc. should be verified by EoR.

Please contact us at hydromax@mifab.com at any time for assistance.

We offer full-time FREE design support. Out experience includes 1,000's of Walmarts!

For access to the Hydro-Technic calculation program, go to http://www.mifab.com/Catalog/Hydromax

And return to B.Ross@Hyromax.com

CONTACT INFORMATION

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