

Drain-Net HGI Competitive Comparison

Drain-Net		Jensen, Lindsay, Oldcastle, Park, etc.		Another Competitor	
Drain-Net Hydromechanical Grease Interceptor (HGI)		Generic Concrete (GGI)		Hydromechanical Grease Interceptor	
HGI75 - 4075A04 (T)	HGI100 - 40100A04 (T)	500-1000 Gallon (Nom)	1000-1500 Gallon (Nom)	GB75	GB250
					
Product Life: Lifetime of system if properly installed, operated and maintained		Product Life: 10-12 Years		Product Life: Lifetime of system if properly installed, operated and maintained	
Est. Avg. Annual cost of operation - \$1200/yr (based on 10 yr operation)		Est. Avg. Annual cost of operation - \$3000/yr (based on 10 yr operation)		Est. Avg. Annual cost of operation - \$1200/yr (based on 10 yr operation)	
Replacement Cost (If required) approx. \$7500		Replacement Cost: >\$15,000		Replacement Cost (If required) approx. \$7500	
Smart Tank Design - Integrated Profile and detailing work to prevent flotation when installed without need for additional component parts.		Tank design largely unchanged in 50 years		Tank design while structurally comparable required additional purchase of anchoring system to prevent flotation.	
Dual Access Covers for unrivalled access & internal inspection	Dual Access Covers for access & internal inspection	Access cover per chamber		Single Access Cover (Rated 16,000lbs)- Center position	Dual Access Covers (Rated 16,000 Lbs)
Engineered Plastic Access Covers Traffic Rated (>20000 lbs) CSA B481 Class 'S' - Standard on both models. No scrap value - deters theft		Cast Iron (H20) - Heavy but durable. Cover theft for scrap value has been reported.		Load Rated Composite Cover - Upgrade to Cast Iron for H20 traffic rating	
PDI G101 Approved	PDI G101 Approved	NO PERFORMANCE STANDARDS		NOT APPROVED TO PDI G-101	NOT APPROVED TO PDI G-101
ASME A112.14.3 Type A & C Approved	ASME A112.14.3 Type A & C Approved			ASME A112.14.3 Type C	ASME A112.14.3 Type C
CSA B481.1	CSA B481.1 Approved			CSA B481.1 Approved	
NSF Listed and IAPMO Listed				IAPMO Listed	
Efficiency 98% (Breakdown - ASME Type A - Ext FCD)	Efficiency 99% (Breakdown - ASME Type A - Ext FCD)	No test to establish efficiency	No test to establish efficiency	No Published Efficiency (Available from manufacturer)	No Published Efficiency (Available from manufacturer)
Approval marking visible post installation (Approval requirement)		Not Applicable		Approval markings not visible post installation	
237lbs	283lbs	Avg. 10200 -15725 lbs	Avg.15725 - 25000 lbs	130 lbs	230 lbs
Molded lifting points - Manual/Mechanical		Rigging/lifting equipment required		Molded lifting points - Manual	
Footprint - 13.11 sq./ft.	Footprint - 17.33 sq./ft.	24 sq./ft. - 42 sq./ft.	42 sq./ft. - 62 sq./ft.	Footprint - 10.22 sq./ft.	Footprint - 15.82 sq./ft.
Dynamic Inlet Baffle - provides full access to internal flow control in service even when buried below grade		Standard SDR Pipe/Fittings - NO FLOW CONTROL		Internal flow control at best difficult to access once in service	
Internal or External flow control fitted in all applications - This is what provides the compliance with approvals		NO FLOW CONTROL	NO FLOW CONTROL	Manufacturer recommends removal in "low flow" applications - Voids the performance approval?	
Common riser for both models - Flexible installation on site using cut-to-height approach.		3", 6" or 12" Grade Rings for limited burial depth adjustment		Multiple riser SKU's - Complexity for contractor and distributor	
Robust bolt-down riser system - hard transitions between components, air/watertight		Fiber/Bitchumen gaskets on tank joints and riser joints - prone to installation error and leakage		Flexible band seal coupling system for risers can result in post installation movement	
Heavy-duty seals on cover and frame for installation integrity. Mechanically secured for security		Airtightness of cover often questionable leading to foul odors		Mechanically secured for security	
Pre-Plumbed three way outlet system - factory installed in QA environment. No field modification required by contractor		Single outlet - no flexibility		Three way outlet - requires installing contractor to relocate outlet assembly during installation	
Robust 5/16, stainless steel hardware - High durability (S/S) cover fixings with independently retained threaded couplings.		Cover relies on weight to provide seal and tamper resistance		1/4" S/S fixings - Slotted/Cross Head drive	
No direct venting of tank required - Air balanced operation		Tank requires venting to atmosphere - often difficult and time consuming for contractor		No direct venting of tank required - Air balanced operation	
Minimal on site assembly		Pre-fabricated parts brought to site and assembled in excavation		Some on-site assembly	
Fast Installation - just 3-4 hours		Typical installation - 8-12 hours		Fast Installation - just 3-4 hours	
Minimal site equipment for handling required		Dependent on delivery by manufacturer. Requires specialized lifting/handling equipment		Minimal site equipment for handling required	
Gives control of installation to the Contractor		Reliant on manufacturer - typically inflexible consuming unnecessary time and resources		Gives control of installation to the Contractor	
Remote Pump Ready - Simple on site conversion		Not Available	Not Available	Remote Pump Capable	Remote Pump Capable
Integrated sampling port		Not Available	Not Available	Integrated sampling port	
Est. Installed Cost - \$4500-\$7000		Est. Installed Cost - \$10000-\$20000		Est. Installed Cost - \$4500-\$7000	