



CHADSON GRANULAR FILTERS

MHS 1500 | MHS 1800 G2



The MHS 1500 filter is no new comer to the commercial pool industry. Its forerunner (the HS-16 filter) has had a long and impressive service history dating back to 1976. As testament to its durability and its quality of manufacture many of these early filters continue to provide valuable service after more than 20 years of continuous operation. The MHS 1800 G2 is a recent addition to the CGF product range. It provides all of the features of the MHS 1500 with the added benefit of having 20% more filter area.

Whilst the MHS 1500 & the MHS 1800 G2 are the smallest filters in the MHS product range they are nevertheless heavy duty, true commercial quality. They are built tough and they are contact moulded using time proven resin systems in accordance with known engineering standards. Both filters are equipped with appropriate 100mm connection sizes. This enables allow effective backwashing without excessive head losses. Similarly, both filters are equipped with comprehensive internals that will provide the hydraulic balance and the parallel water flow that is often missing with other filters.

KEY FEATURES:

- Designed & manufactured in Australia to suit Australia's harsh conditions
- Choice of backwash method; single lever, tandem, valve matrix, or shunt - all of which can be automated.
- Will comfortably fit through a standard one metre wide doorway
- Compact vessel makes best use available floor space - superior to that provided with round vertical filters
- Full size internal opening access hatch provides convenient access, without the need to remove any plumbing.
- Appropriate fittings and instrumentation package supplied as a standard provision.

OTHER BENEFITS:

- Free technical support and engineering advice that will guarantee a predicable result each and every time
- Every filter supplied complete with detailed installation & operating instructions that are designed to make your job easy.
- The comfort in knowing that this equipment is used and specified by leading pool professionals.
- Superior filtration performance & generally far better value for money
- Being Australian made both standard & custom made product can be supplied within an acceptable delivery time
- Extensive product range with single filters providing up to 7.2m² of filter area.



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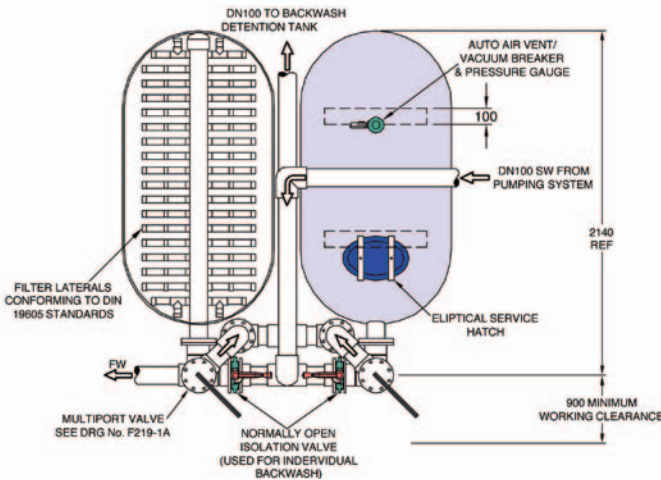
COMPARATIVE DATA

Ignoring all other considerations, the most cost effective and efficient filtration selection will commonly be based on using the least number of filters. If considering options, these options should at least provide the same filter area.

MHS Model Number	Filter Area (m2)	No. of vertical filters & their theoretical diameter to provide the same filter area as an MHS filter:		
		ONE	TWO	THREE
1500	1.5	1380	980	565
1800 G2	1.8	1515	1070	875

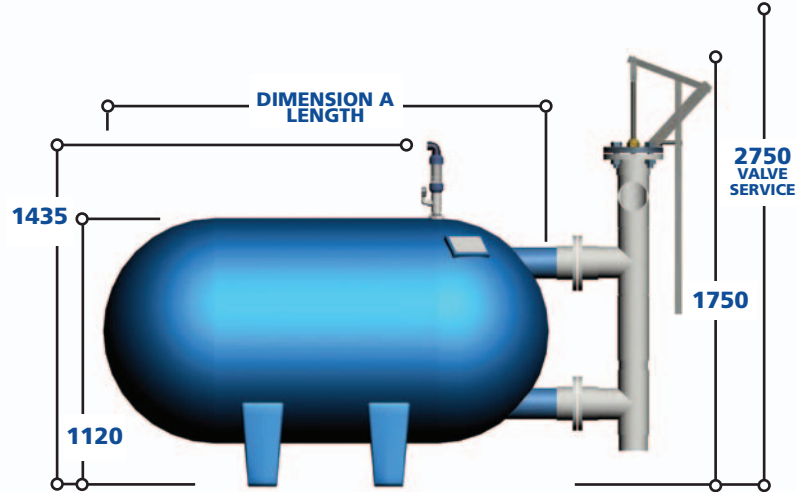
PROFESSIONAL APPROACH

The amount of filter area used for your project is directly related to how well your filter will perform. Tandem filter systems operate at a conservative filter rate and are easily backwashed using the full duty of the re-circulating pump. By using double the water flow for backwashing you can be assured that your filters will be maintained in peak operating condition.



Tandem filter systems are a compact and efficient means of providing effective filtration for all sorts of small commercial pools. With features such as compact size, low pressure drop, and easy maintenance, it's no wonder that MHS 1500 and MHS 1800 G2 filters are acclaimed by contractors and owners alike.

TECHNICAL DETAILS



Filter Area (m2)	1.5	1.8
Filter Rate (m3/hr/m2)	15-42	15-42
Flow Range (m3/hr)	22.5-63	25-75
Mandatory BW Rate (m3/hr/m2)	42	42
Backwash Flow (l/sec)	17	21
WashWater Consumption (m3)	4.2	5.1
Total Media Qty (m3)	0.77	1.1
Total Media Qty (kgs)	1250	1775
Flange Connection (mm)	100(AS2129)	
Dimension A - Length (mm)	1935	2250

- Filter Specifications may change without notice - if in doubt, request specific information.
- Depending upon your application the filter rate may legitimately vary. The Backwash rate and the filter connection size are however mandatory requirements for filters of this size.

FINAL WORD

Given the very real public health issues associated with even a small commercial pool, don't take a risk with imported or over-grown domestic filters sand filters. It's simply not worth it. With the proven and dependable performance of CHADSON GRANULAR FILTERS, buying Australian made makes good sense... Not just for your pool, but for the whole country.

If you are considering a filter replacement, designing a new pool, or are just unhappy with the performance of your exiting system, contact us today

Australia 08 9344 3611
 International 61 8 9344 3611
 Email enquiries@chadson.com.au

