

## Filtru magnetic pentru sisteme de racire cu apa

### INFO

### S3650/ 1

**Reducerea costurilor si imbunatatirea calitatii in procesele de injectie.**

Matritele reprezinta investitii uriasc pentru operatorii in cadrul mediului maselor plastice. Aceste matrite au circuite de racire fine care pot fi blocate usor atat de catre rugina cat si de resturile de prelucrare. Aceasta conduce la reducerea eficientei de racire si la costruri semnificative de prelucrare si oprire si in cele din urma o reducere dramatica a productivitatii. Costurile suplimentare pot fi atribuite contaminarii in cadrul sistemelor de racire: pompe, rezistente si elementele de racire, toate vulnerabile la uzura cauzata de resturile feroase fine. Timpul de oprire al unui simplu element defectat justifica deja adoptarea tehnologiei **MAGNOM™**. Contaminari pot fi vazute in majoritatea sistemelor ca o decolorare a apei vazute in vizor (de multe ori insotite de scurgeri).

**MAGNOM™** foloseste tehnologia campurilor magnetice. **MAGNOM™** reduce costurile de operare si simultan aduce beneficiu mediului.

Prin constructia sa unica brevetata, **MAGNOM™** elimina particule de contaminare (inclusiv resturi de prelucrare si rugina) de mai putin de un microni.

**MAGNOM™** produce o cadere de presiune minima in lichid si nu are parti mobile. De asemenea functioneaza intr-o gama diversa de presiune, temperatura si debit a lichidelor.

In timp ce lichidul trece prin campurile magnetice create de **MAGNOM™**, contaminari feroase sunt atrase in zone speciale de colectare. Aceste zone retin in mod semnificativ mai multe contaminari decat un filtru conventional fara obstructionarea debitului si fara riscul „spalarii afara“. Prin urmare, filtrul **MAGNOM™** poate sa functioneze pe perioade foarte lungi fara intretinere - si atunci cand contaminari trebuie sa fie eliminate - este usor de curatat si reutilizat.



## Magnetic Cool Water Filter System

### INFO

**Cost savings and quality improvements to injection moulders**

Moulds represent huge investments to most operators within plastic moulding environments. These moulds have fine waterways for cooling which are easily blocked by both rust and machining debris. This leads to a reduction in cooling efficiency and the potential for significant rework costs and downtime and ultimately a dramatic reduction in productivity. Further costs can also be attributed to contamination within cooling systems: pumps, heaters and chillers are all vulnerable to wear caused by fine ferrous debris. The downtime element alone from the failure of one of these critical components justifies the adoption of **MAGNOM™** technology. Contamination can be seen in most systems as a discolouring of the water in the sight glasses (often accompanied by leaking bungs).

**MAGNOM™** is using field effect technology. The **MAGNOM™** reduces operating cost and simultaneously benefits the environment.

Through its unique patented design, the **MAGNOM™** removes containment particles (including machining debris and rust) of less than one micron.

**MAGNOM™** produces minimal pressure drop in the fluid and it has no moving parts. It also functions in a diverse range of fluid pressures, temperatures and flow rates.

As the fluid flows through the **MAGNOM™** field effect areas, ferrous contaminants are drawn into special collection zones. These zones hold significantly more contaminant than a conventional filter - without obstructing fluid flow or risking „wash off“. Therefore, the **MAGNOM™** can operate for very long periods without service and - when contaminants need to be removed - is easily cleaned and re-used.



## Filtru magnetic pentru sisteme de racire cu apa

INFO

**S3650/ 1**

Filtrul MAGNOM reduce costurile, creste durata de viata si mentine eficienta sistemelor de racire prin:

- Scoaterea contaminarilor cele mai daunatoare inclusiv rugina si resturile de prelucrare
- Cu restrictie minima a debitului
- Fara spalarea afara a contaminarilor
- Fara costuri pentru consumabile

## Magnetic Cool Water Filter System

INFO

MAGNOM™ reduces costs, increases the life time and maintains the efficiency of cooling systems by:

- Removing the most damaging contaminant including rust and machining debris
- With minimal restriction to flow
- Without contaminant wash off
- With no consumable cost



Nr. / No.

S3650/ 1