



**What happens
when vision and
expertise are
aligned?**

**Performance
that is as
effective as it
is efficient**

Did you know over 75% of buildings don't operate as they have been designed for?

That is because HVAC systems are getting more complex to design and execute. There is a wider diversity of system applications in terms of sizes, heat sources and even on how building spaces are used. That is aggravated by the rising pressure on energy savings and compliance to forthcoming regulations. This leads to unwanted system interventions and troubleshooting that are time and cost intensive.

How can you mitigate that?

We understand the pressure you are under to deliver on all those demands, but you don't have to do it alone. Behind every great team, there is another great team that is there to support every step of the way. We can help you seamlessly develop an accurate, efficient and smart **system design that meets all the different requirements, delivers proof of good design and mitigates risk.**

 IMI TA

Since 1897
Balancing, Control & Actuation leader

 IMI PNEUMATEX

Since 1909
Pressurisation & water quality leader

 IMI HEIMEIER

Since 1928
Thermostatic control leader

25%

of buildings operate as designed

How can we help?

IMI Hydronic Engineering benefits from over 300 years of combined knowledge in 3 key areas of HVAC. This means we can expertly combine products as a solutions package that ensure all components are optimally working together as a unified team and deliver efficient performance.

Great results require a great combination.

◊ IMI HEIMEIER

⊞ IMI PNEUMATEX

≡ IMI TA

The solutions package below is the ultimate team
in preventing and solving critical HVAC design challenges:

Even small choices
of HVAC
equipment can
have a big impact
on the building
performance,
so choose the right
team wisely.



Reduce Design complexity

Smart software tools that simplify system design,
product selection and sizing. Combined with expert
hydronic support, we can help you tackle even the
most complex HVAC design challenges.

Expert tools & Support

Differentiating technology and performance

This highly accurate and flexible controls solution enables up to 6x higher operating stroke for better valve rangeability, even for small flows, and stable modulating control that can reduce annual energy consumption by 18%.

Fully digitally configurable (via Smartphone App or BMS) with over 200 settings available to ensure it can adapt to multiple design conditions.



TA-Slider & TA-Modulator



Achieve accurate flow control and up to

18%

energy savings

Highly effective dirt separation that can be installed at any angle. Unique cyclonic technology allows to capture even the smallest particles (5 -10 um) usually responsible for the most serious damages.



Zeparo G-Force separator



Up to

9x

more efficient at capturing even the smallest dirt particles

Enables system balancing to be done automatically to optimize energy usage and return temperature. No need for complex system calculations as the desired flow can be set directly on the valve.



AFC technology for radiators
& underfloor heating

◆ IMI HEIMEIER

Effortless balancing and up to

25%

energy savings.

Future proof the building's design with smart connectivity

Just like our smart controls solution, our pressurisation equipment can also be integrated into the BMS (Modbus RTU and TCP-IP) for 24/7 access, monitoring and controllability of critical system parameters.



Transfero Connect equipped with Brain Cube

⊞ IMI PNEUMATEX

24/7

remote access

Our biggest strength

We are proud of our quality product portfolio and established brands, but our biggest strength is our people. Their practical expertise and drive to support our customers is what differentiates us in helping you tackle HVAC challenges.

"Tackling our customer's biggest challenges of today is my best approach to give them the confidence to try out innovative solutions in their projects of tomorrow".



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