

the  
**IMAC**  
by **TECHNICAL**  
S Y S T E M S

**INDOOR MODULAR AIR-COOLED CHILLERS**

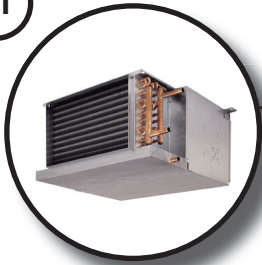
Quiet Fans • Eliminate Cooling Towers • Flexible Fit  
Reduced Energy Costs • Designed for NYC Compliance



## THE BEST UNIT YOU WILL NEVER HEAR!

The IMAC indoor chiller is designed as a floor by floor air-cooled chiller for virtually any vertical building application. The system is ideal for retrofit cooling applications as it fits through most elevator openings and includes high static/low noise EC fan technology that ensures quiet and reliable performance! The IMAC eliminates challenges associated with cooling towers, noisy equipment rooms and compliance with today's stringent energy efficiency requirements.

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Simple two-pipe chiller design can be applied to any air side system.

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Scroll compressors with optional digital or variable speed control

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All modules are double wall insulated for minimal radiated sound

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Optional air separator, expansion tank, and buffer tank

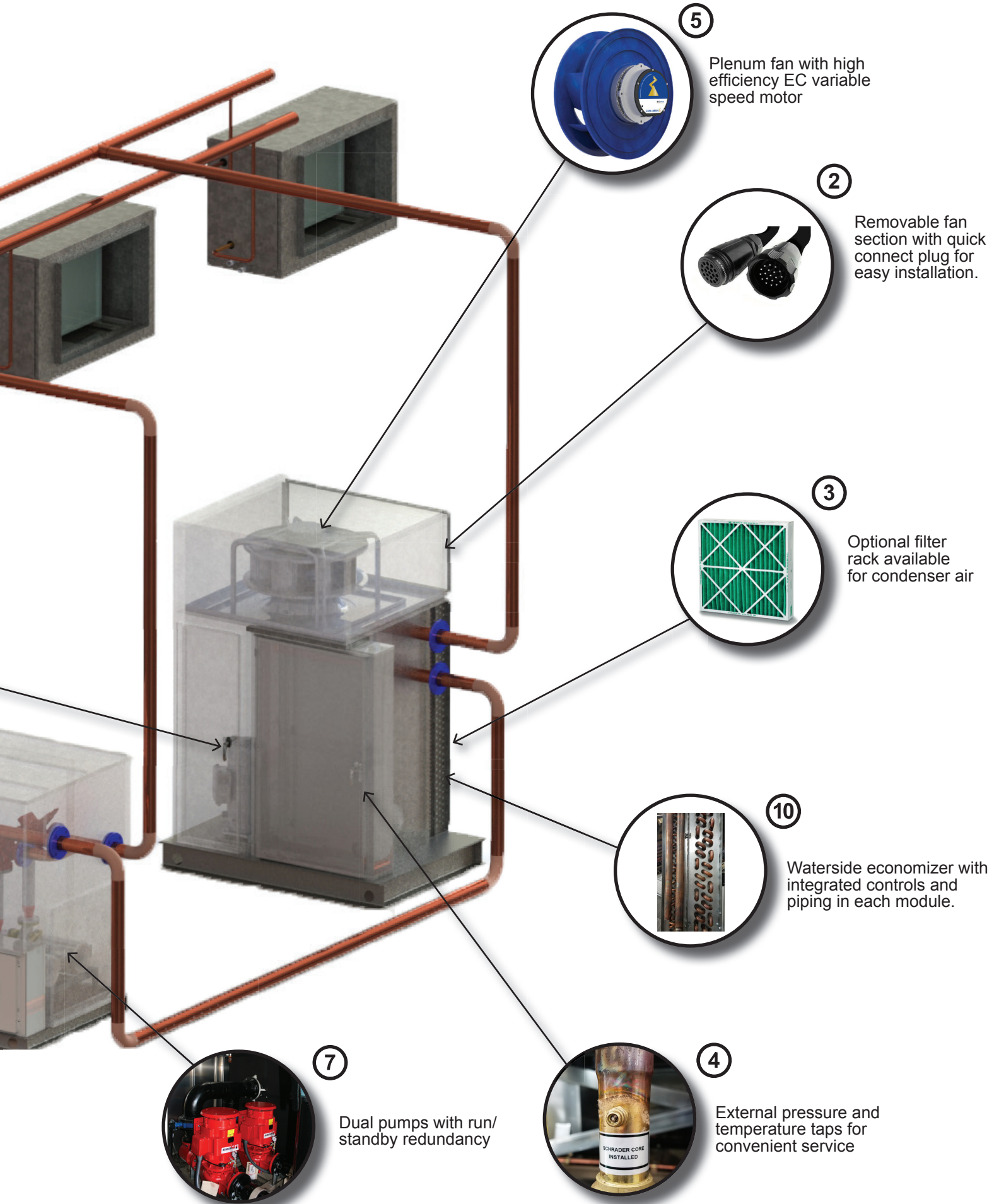
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Integral controls with optional variable flow primary



# Indoor Modular Air-Cooled Chillers



# DESIGNED TO FIT YOUR SPACE AND BUDGET

The tenant fit-out market has traditionally used systems that are inefficient or rely on cooling towers that are expensive to maintain. From initial design, installation, operation, and maintenance the IMAC will reduce time and cost through each phase of a project.

## Money Savings Features include:

- Chiller system is easily applied to any fan coil, air handler or chilled beam
- Fits through most freight elevators
- Air cooled condenser eliminates cooling towers and associated maintenance
- Designed for acoustic performance with low sound fans and insulated cabinet
- Integral waterside economizer saves energy and meets code requirements without additional modules that require assembly in the field
- Heat pump operation is available to provide both heating and cooling

### Model Series - IMAC

Capacity and Physical Information per Module

Model	Tons	EER	Weight		Dimensions			Compressor	Fans	Electrical 460v			Electrical 208v		
			Shipping	Operating	L	W	H	Qty / HP	Qty / KW	RLA	MCA	MOP	RLA	MCA	MOP
IMAC-13	12.8	10.4	2,500	2,670	60	42	84	1 / 13	1 / 2.5	34	41	65	72	86	125
IMAC-15	14.6	10.1	2,650	2,820	60	42	84	1 / 15	1 / 2.5	38	45	70	77	93	150

\*Capacity shown for 44°F Supply, 95°F ambient and 30% Prop. Glycol.

### Waterside Economizer Performance

Model	Begin Free Cooling	100% Free Cooling	Total Free Cooling Hours
IMAC-13	50°F	26°F	3,400
IMAC-15	50°F	23°F	3,400

\*Free cooling to begin when ambient is 4deg below Return glycol temperature.

\*\*Hours based on TMY3 climate data for New York City and 50°F initial ambient temperature.

# TECHNICAL

## S Y S T E M S

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