

Product Overview Presentation

YORK YMC² Centrifugal Chillers



Client's Company Name

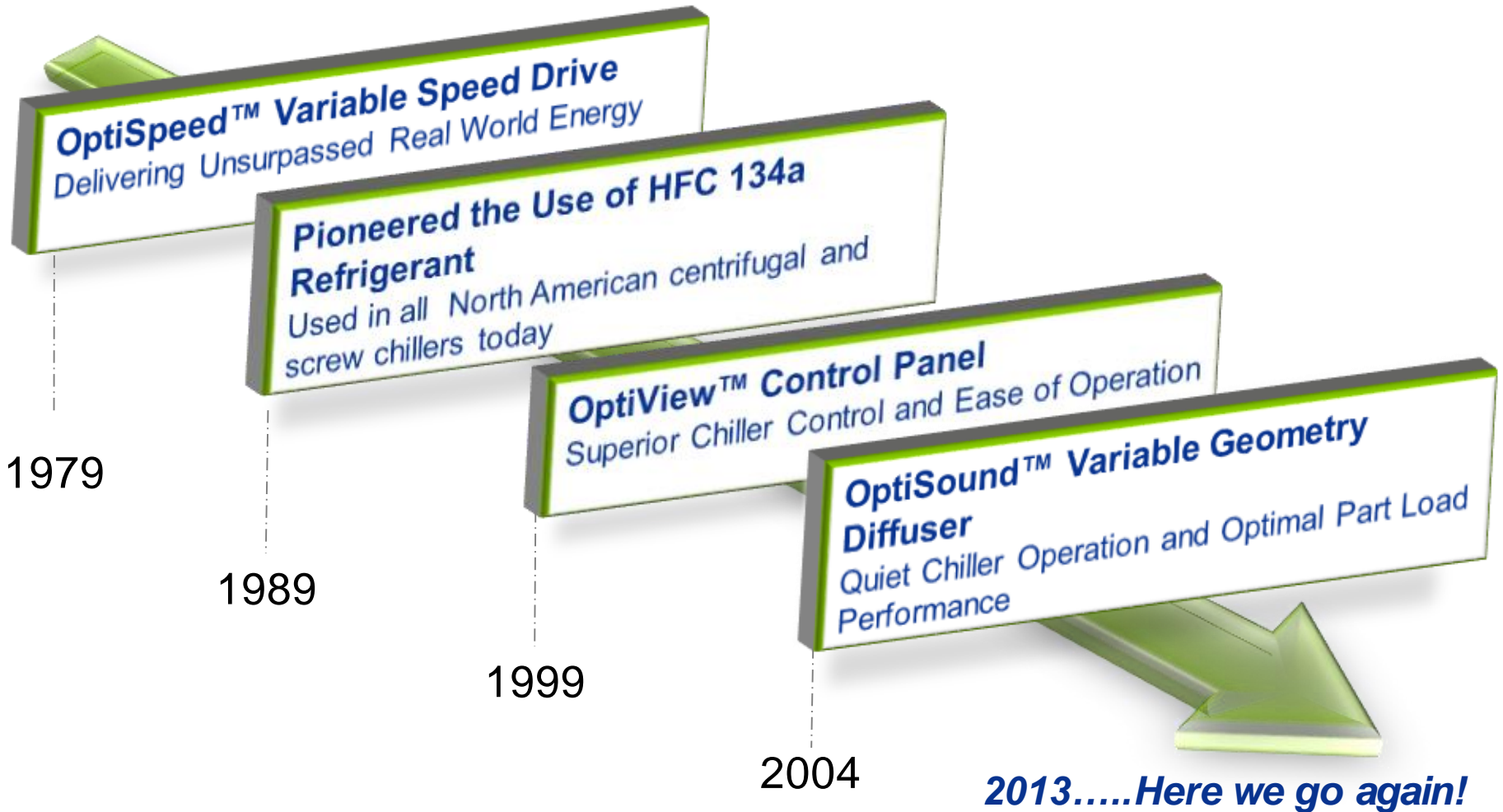
Account Executive Name, March 22, 2010



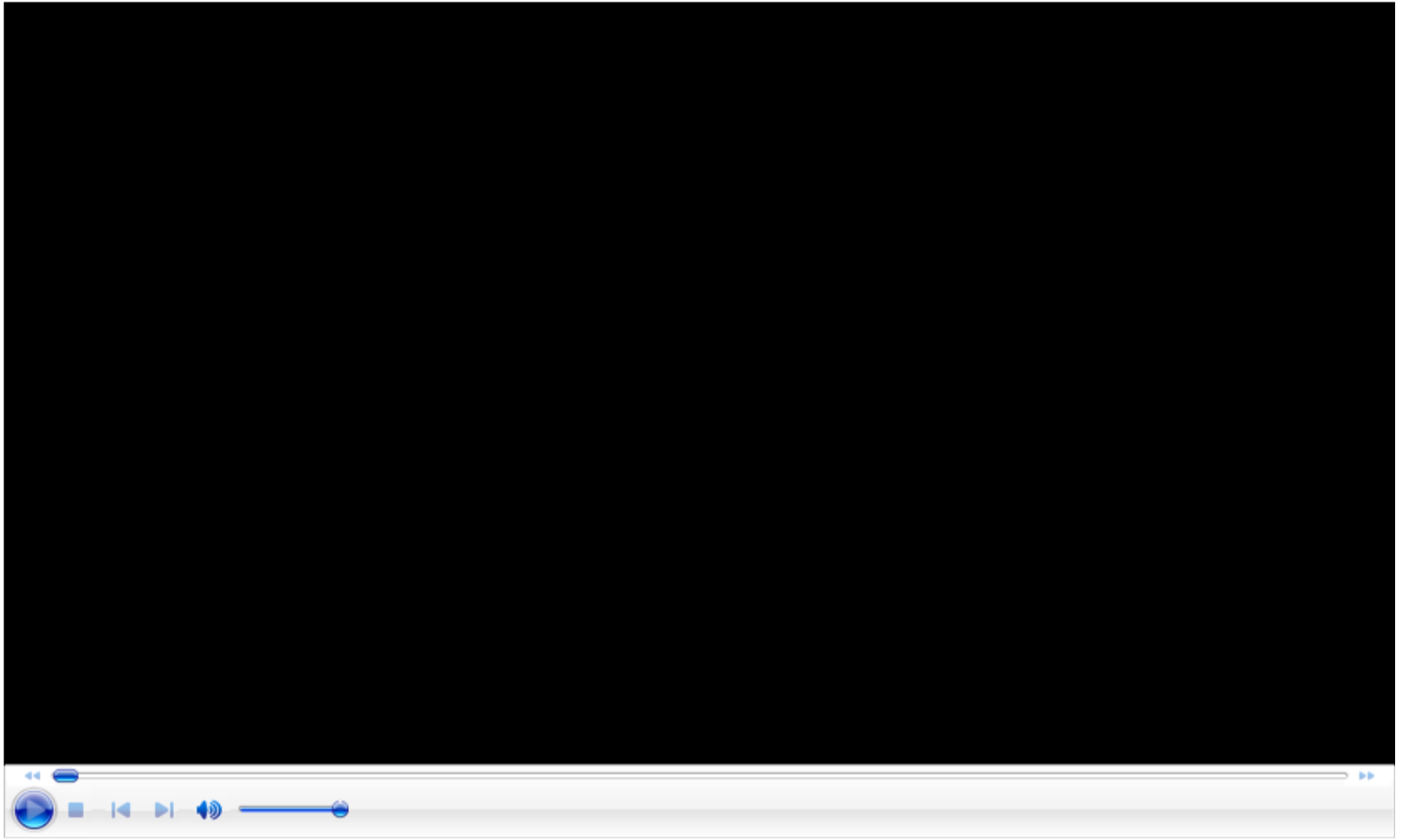
YMC² – YORK Magnetic Centrifugal Chillers

YORK - A History of Leadership and Innovation

The global market leader in centrifugal chillers with a history of Innovation:



YORK Magnetic Centrifugal Chillers



YMC² – YORK Magnetic Centrifugal Chillers

Four key benefits

- 1. Efficiency** – Reduce your consumption
- 2. Sustainability** – Improve your environmental equation
- 3. Low Sound** – Save your voice
- 4. Max uptime** – Increase your hours



YMC² – YORK Magnetic Centrifugal Chillers

Overview

Giant leap for chiller technology

- ❑ Possible by intelligent application of best-in-class technologies
- ❑ The result is greater than the sum of its parts
- ❑ Not just another small incremental step – a breakthrough

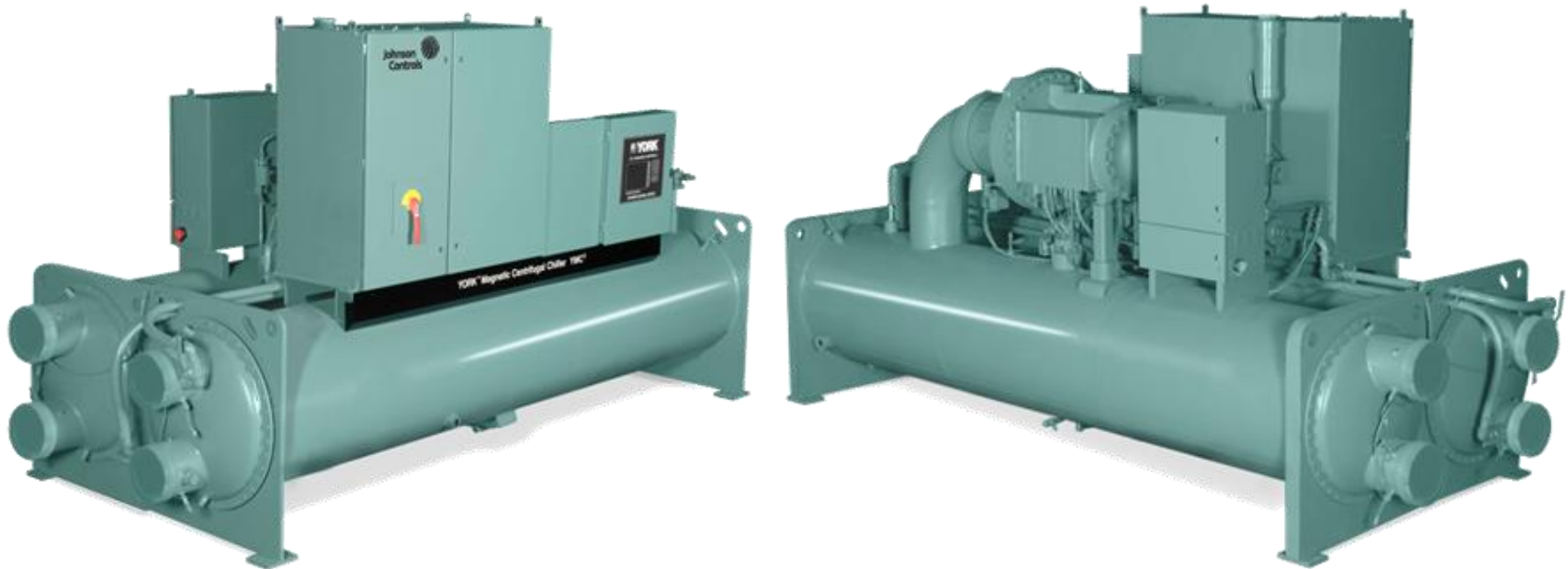


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Overview

Key technology elements of the system

- ❑ **Compressor aerodynamics** – proven YORK YK design
- ❑ **Heat exchangers** – high efficiency falling film evaporator
- ❑ **Controls** – leveraging YORK and Johnson Controls technology
- ❑ **Variable speed drive** – from the pioneer in VSD centrifugals
- ❑ **Magnetic bearings** – industrial technology, now ready for the mainstream



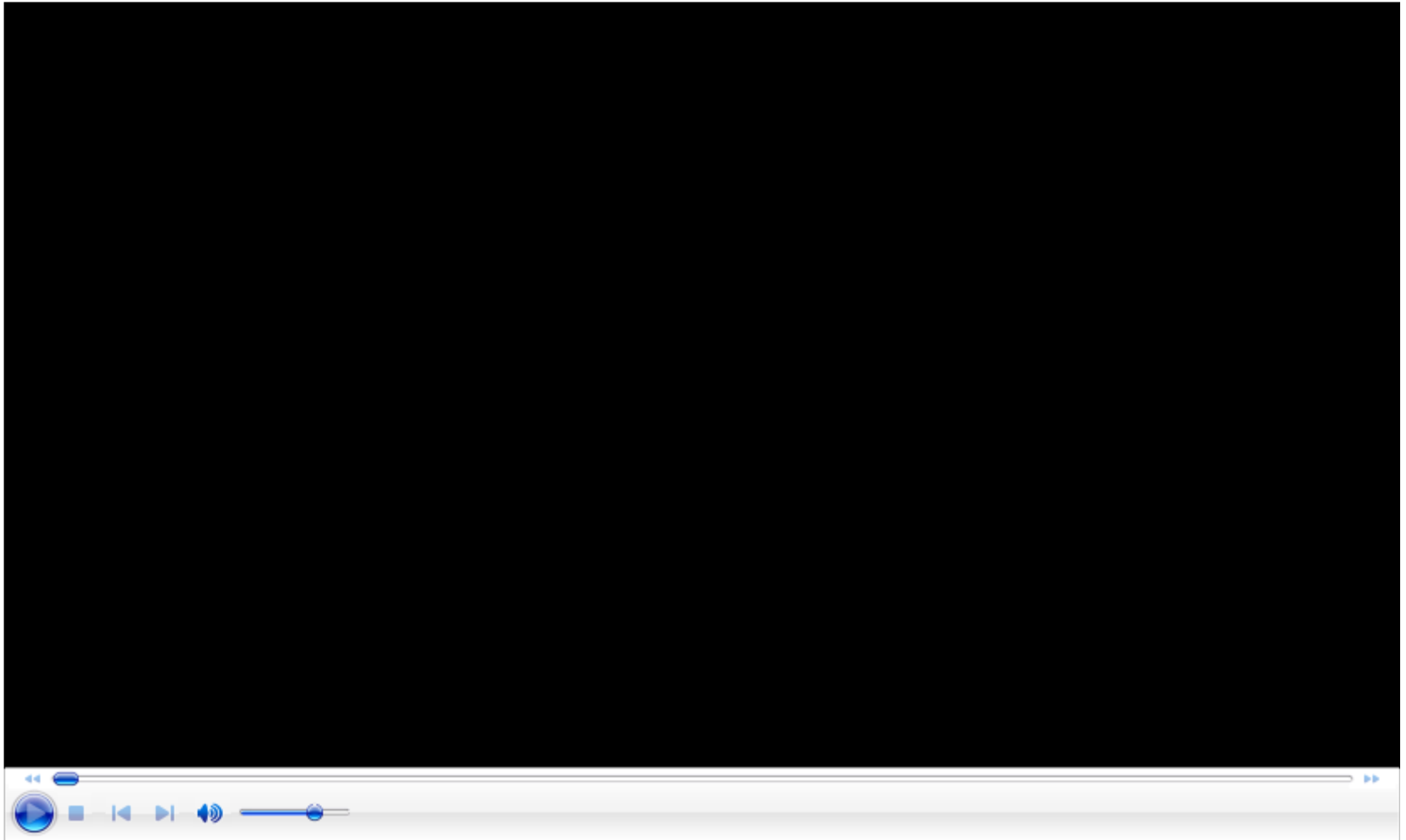
YMC² – YORK Magnetic Centrifugal Chillers Employ Superior Efficiency



Employ Superior Efficiency



YMC² – YORK Magnetic Centrifugal Chillers Employ Superior Efficiency

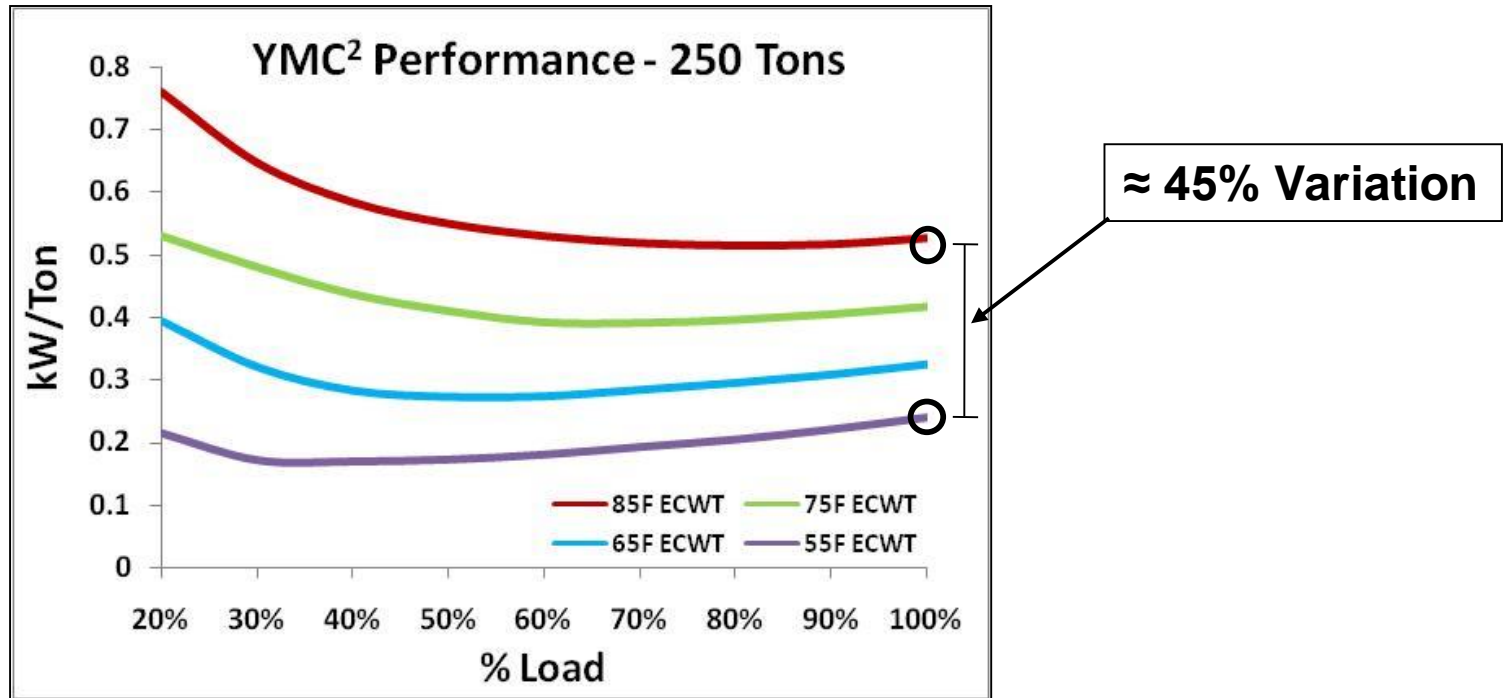


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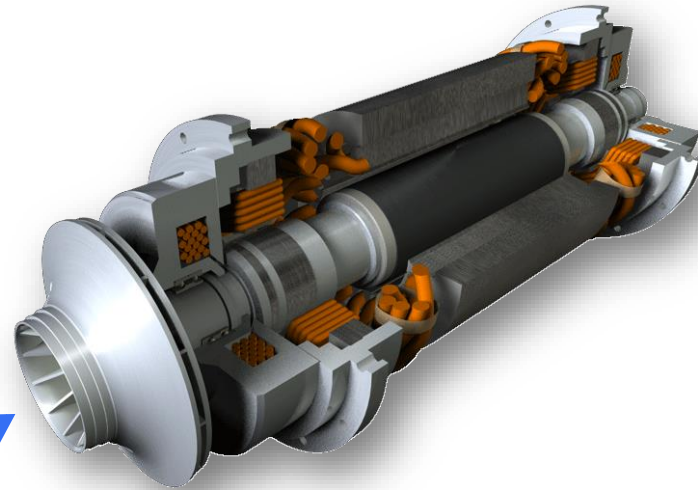
Employ Superior Efficiency



- ❑ Real world efficiency
- ❑ Lowest operational costs

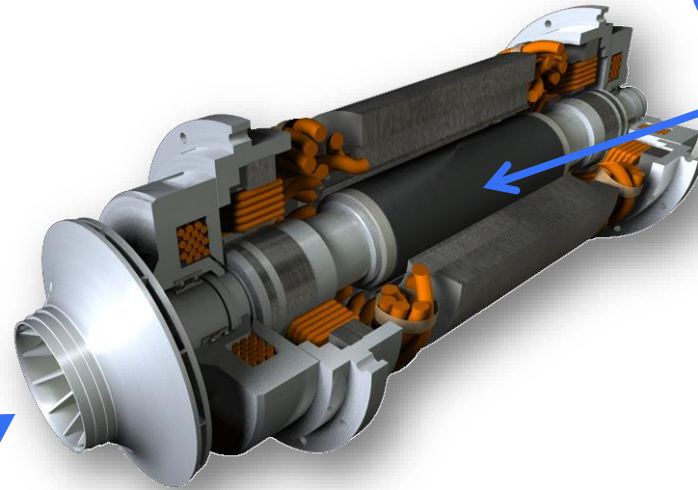


YMC² – YORK Magnetic Centrifugal Chillers Employ Superior Efficiency



Proven aerodynamic
designs from our
flagship YK product line

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Permanent magnet
motor with active
magnetic bearings

Proven aerodynamic
designs from our
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OptiSpeed™ Variable Speed Drive

Permanent magnet
motor with active
magnetic bearings



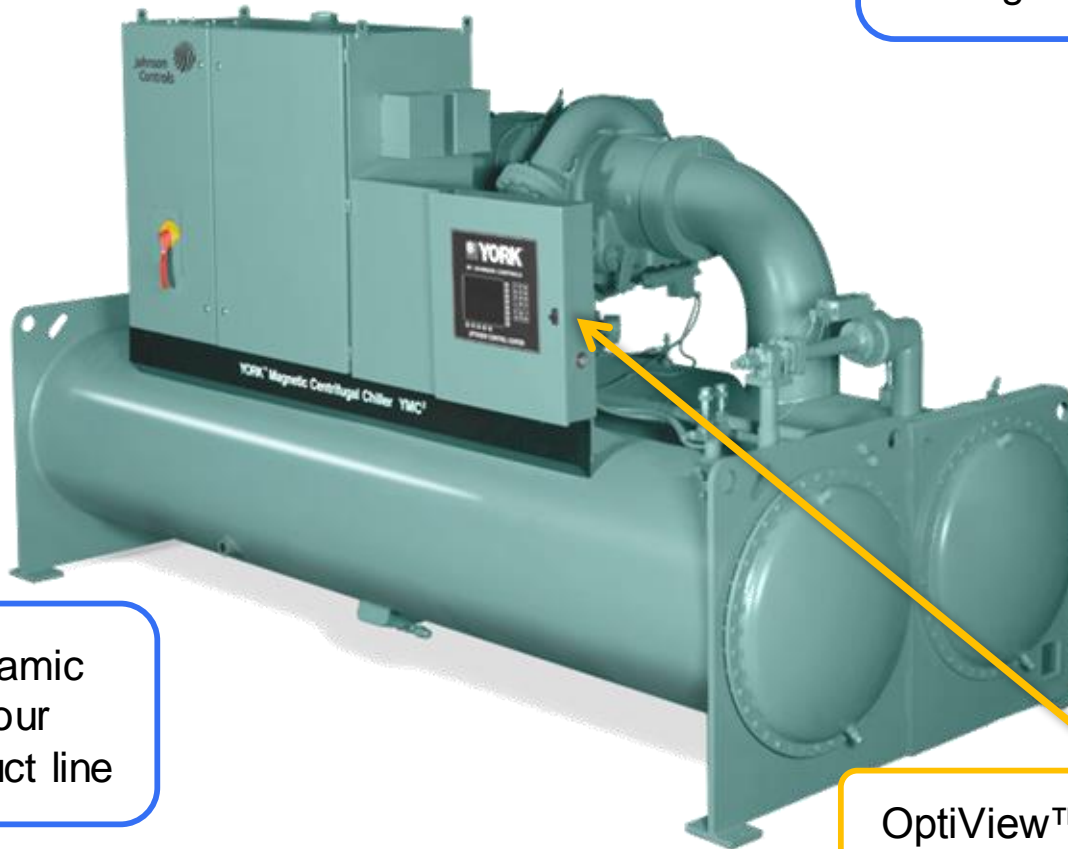
Proven aerodynamic
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OptiSpeed™ Variable Speed Drive

Permanent magnet
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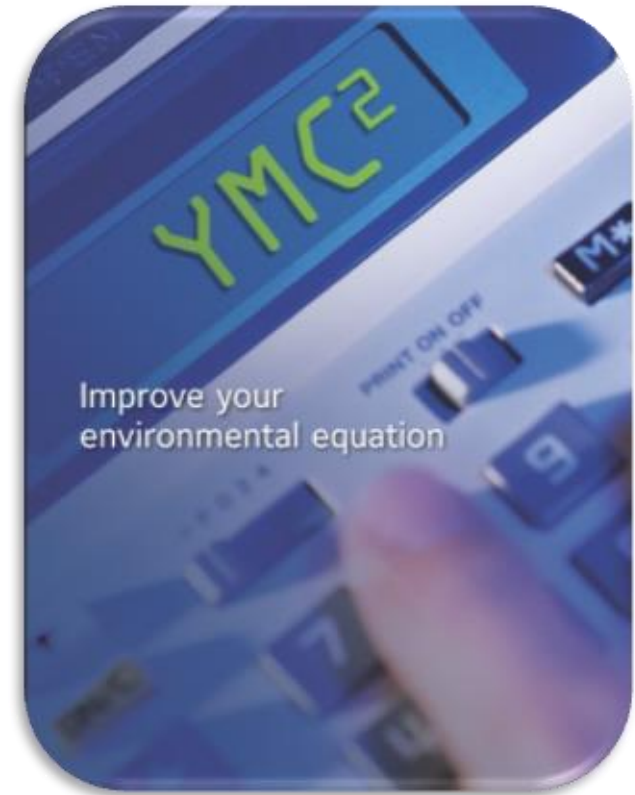
OptiView™ Control Center

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Specify Superior Sustainability

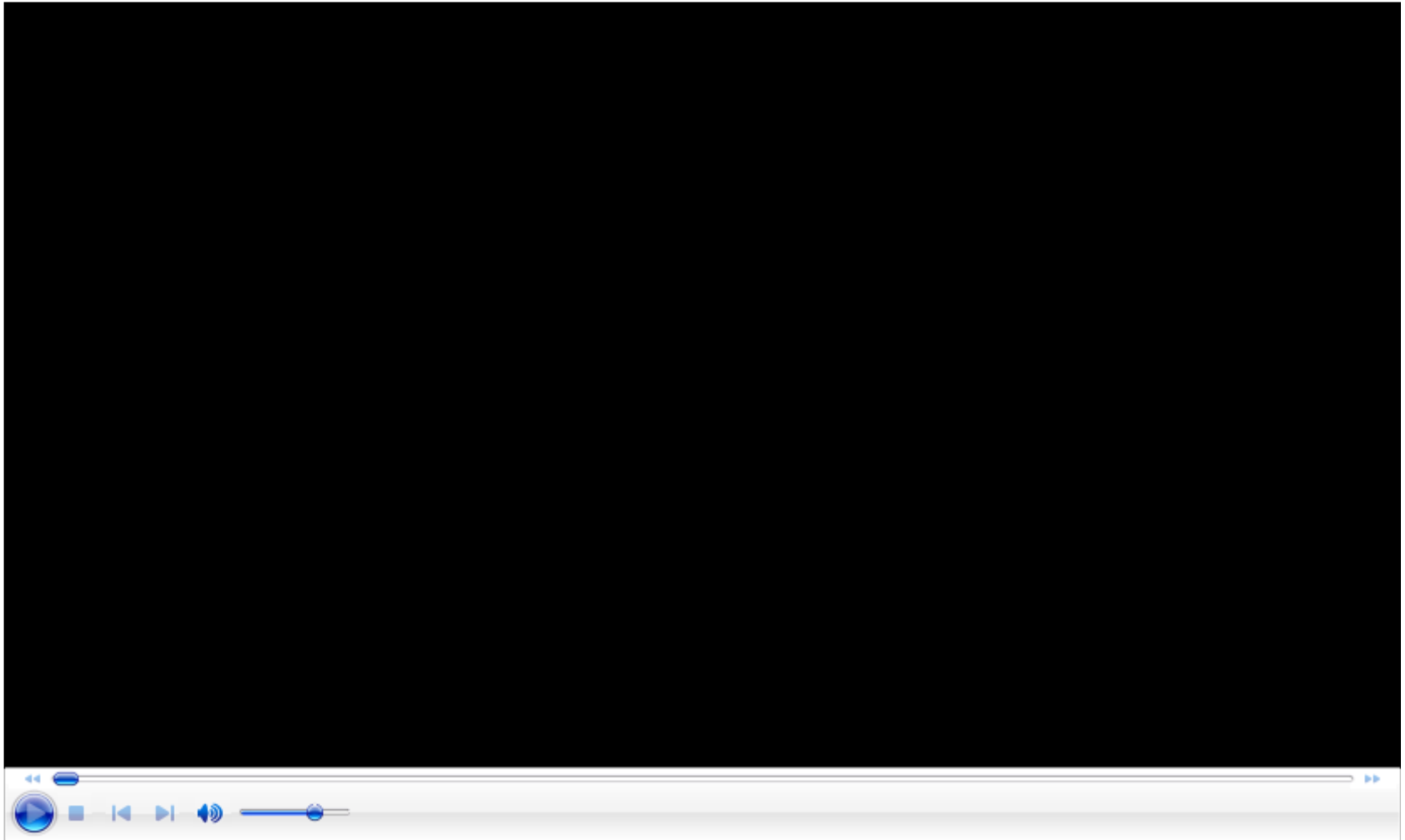


Specify Superior Sustainability



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Specify Superior Sustainability



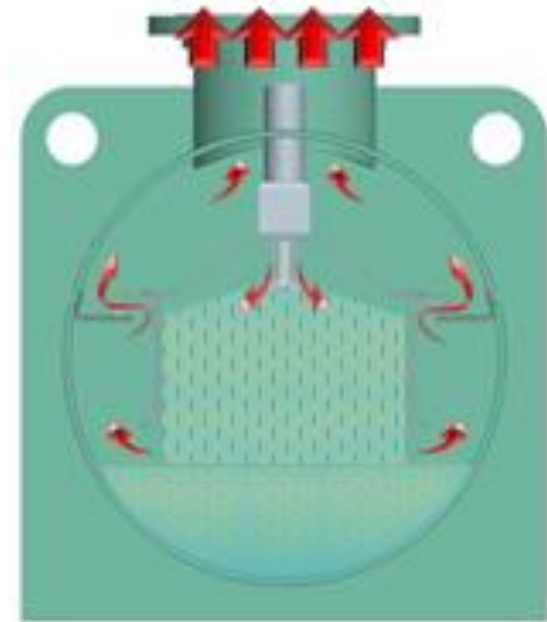
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Specify Superior Sustainability



Falling film evaporator technology

- ❑ Leak-free design using HFC-134a refrigerant
- ❑ ZERO ozone depletion potential (ODP)
- ❑ Very low refrigerant charge: up to 30% less than traditional designs



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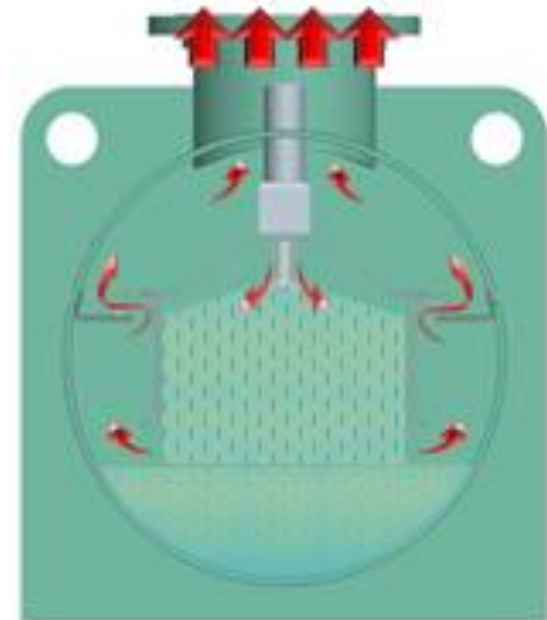
Specify Superior Sustainability



Falling film evaporator technology

- ❑ Leak-free design using HFC-134a refrigerant
- ❑ ZERO ozone depletion potential (ODP)
- ❑ Very low refrigerant charge: up to 30% less than traditional designs

Lower direct and indirect environmental impact

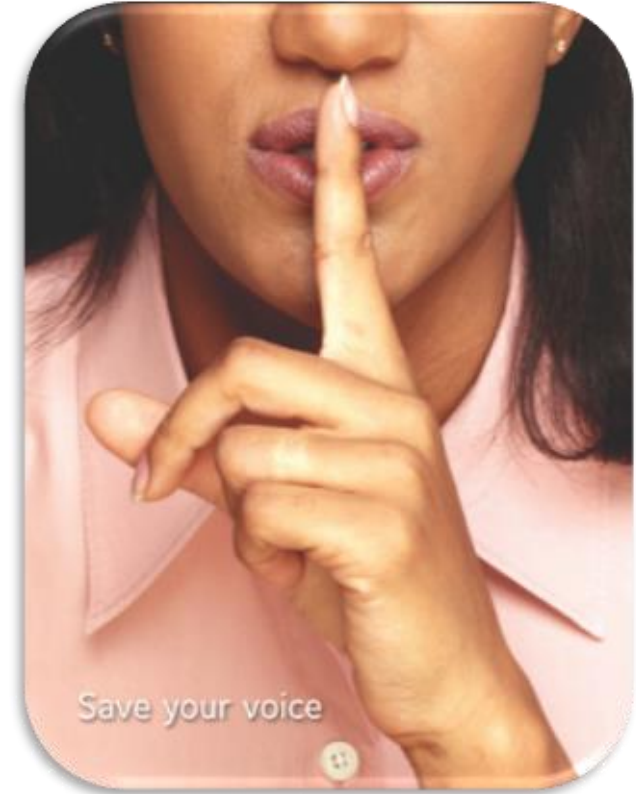


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Acquire Superior Attenuation



Acquire Superior Attenuation



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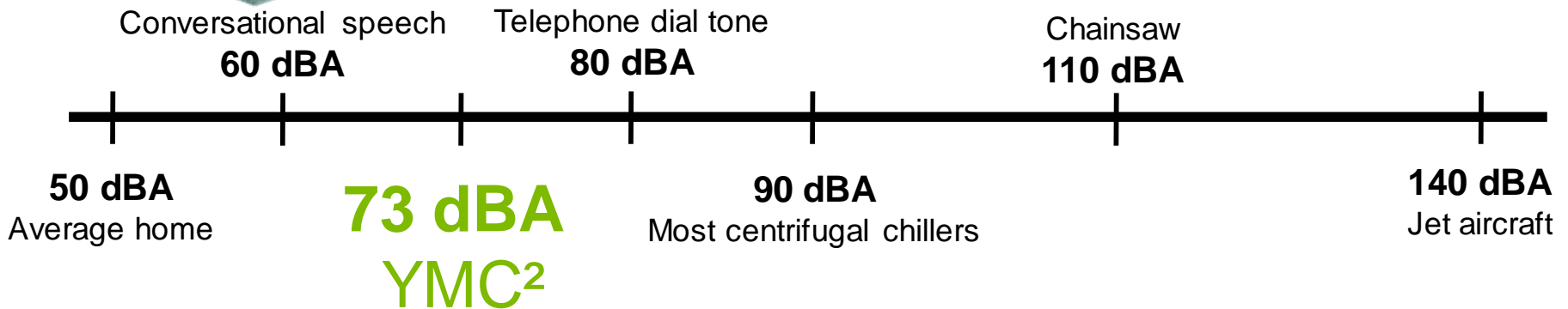
Acquire Superior Attenuation



Lowest sound levels on the market.
Selections available for all tonnages at 73 dBA or less (AHRI 575 Rating)

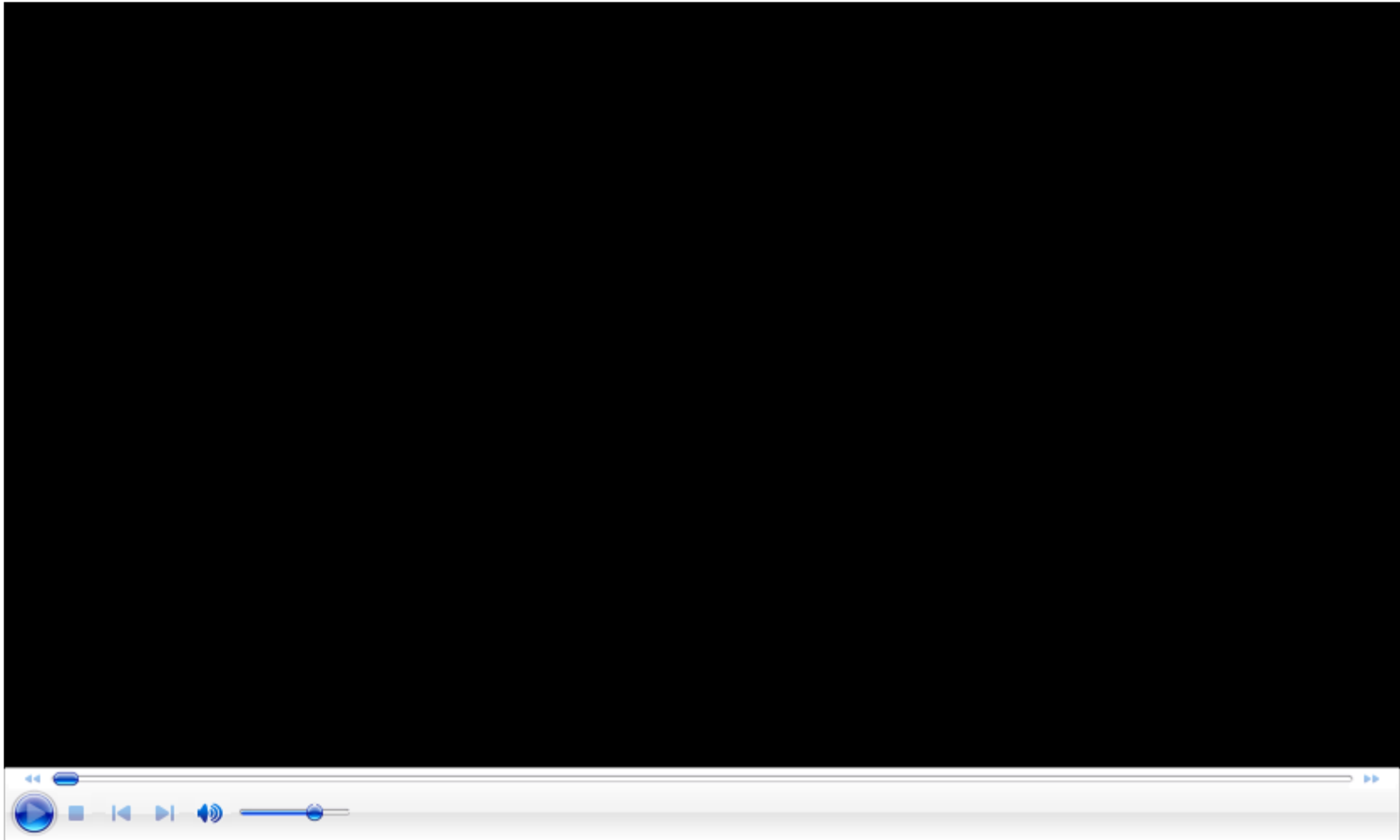
Achieved through the use of:

- Permanent magnet motor with active magnetic bearings
- OptiSound™ Control



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Acquire Superior Attenuation



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Demand Superior Dependability

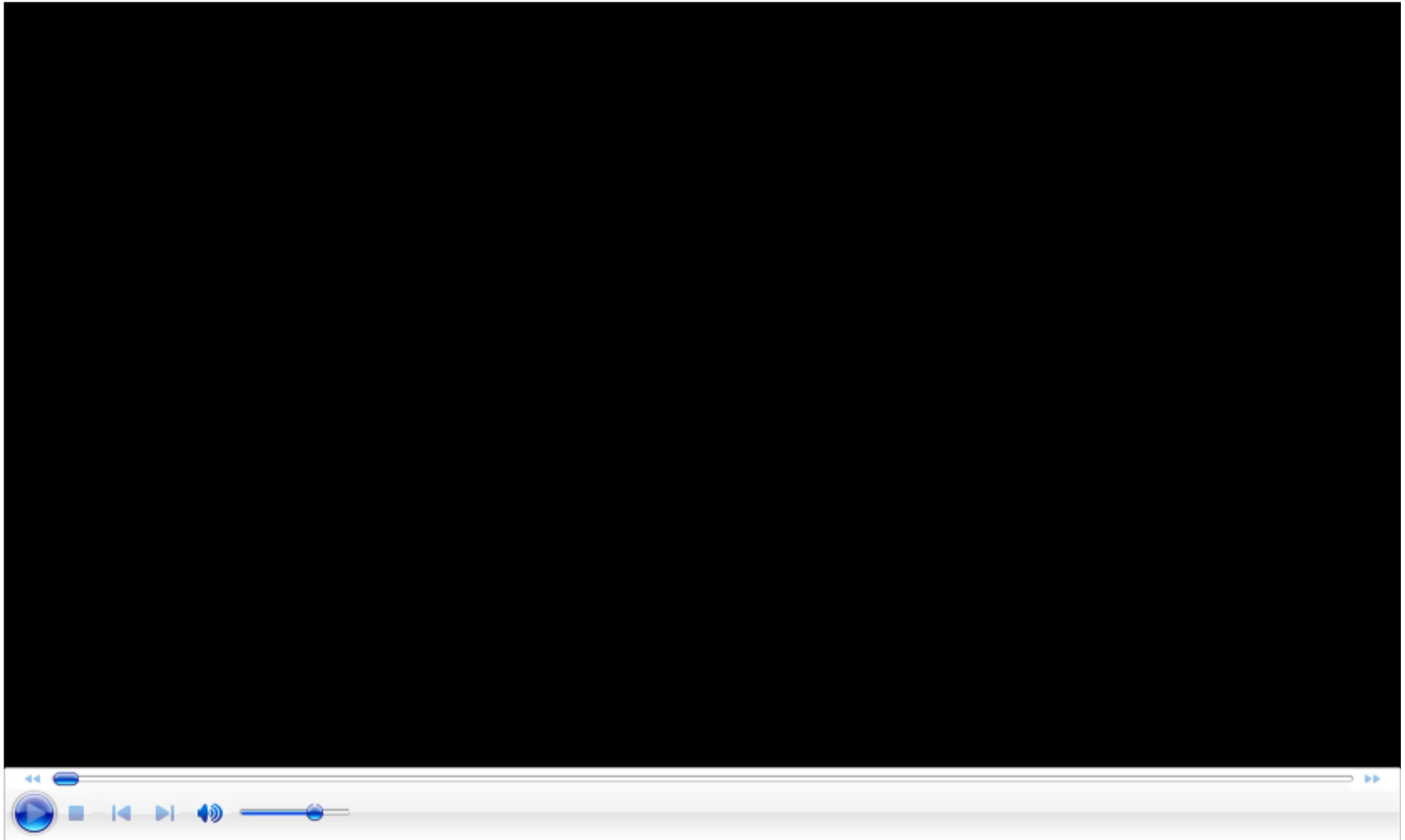


Demand Superior Dependability



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Demand Superior Dependability



- ❑ **Proven Technology**
 - Time Tested YK Components
 - YORK Products delivered with Magnetic Bearing technology for more than 14 years (industrial and military)
- ❑ **Oil Free Design** – cutting down on required chiller maintenance.
- ❑ **Fast starts, fast restarts**
- ❑ **OptiSound™ Control** – ensures safe operation over a wide range of load and lift conditions
- ❑ **OptiSpeed™ VSD** – for improved motor life
- ❑ **OptiView™ Control** – with trending capabilities
- ❑ **Field Serviceability**



**Beyond reliability.
Maximized Uptime**

YMC² – YORK Magnetic Centrifugal Chillers

The total package – meeting customer and environmental needs

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