Introducing the Next Leap in Chiller Technology

YMC² – YORK® Magnetic Centrifugal Chillers



Goh Chwee Guan
Johnson Controls
Building Efficiency

YORK® BY JOHNSON CONTROLS

Johnson Controls

YMC² – YORK® Magnetic Centrifugal Chillers

YORK® - A History of Leadership and Innovation

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

1979 — **OptiSpeed™ Variable Speed Drive**
Delivering Unsurpassed Real World Energy

1989 — **Pioneered the Use of HFC 134a Refrigerant**
Used in all North American centrifugal and screw chillers today

1999 — **OptiView™ Control Panel**
Superior Chiller Control and Ease of Operation

2004 — **OptiSound™ Variable Geometry Diffuser**
Quiet Chiller Operation and Optimal Part Load Performance

2010 — **Introducing YORK® Magnetic Centrifugal Chillers –**
1st range of compressor
Energy Efficiency, Sustainability,
Low Sound, Maximum Uptime

2014…..Here we go again!



YMC² – YORK® Magnetic Centrifugal Chillers

Four key benefits

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







YMC² – YORK® Magnetic Centrifugal Chillers

"Key highlights"

1. **Capacity –** Now up to 560TR with the 2nd range of compressor
2. **Energy Efficiency –** Up to 10% better
3. **Low Sound –** 73 dbA
4. **Lower Maintenance Cost –** Oil free

*** Over 400 YMC² installed worldwide - with more than 10 in Singapore**









