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## STUDY OF A NOVEL R718 TURBOCOMPRESSION CYCLE



Amir Kharazi

STUDY OF A NOVEL R718  
TURBOCOMPRESSION  
CYCLE  
Analysis and Performance Prediction  
of a R-718 Compression Cycle with  
a 3-Port Condensing Wave Rotor



VDM Verlag Mai 2009, 2009. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - Even though water (R718) is one of the oldest refrigerants, state of the art technology is required to use water as a refrigerant in compression refrigeration plants with turbo compressors. In regard to using water as a refrigerant, some specific features complicate its application in refrigeration plants with turbo compressors. Because the cycle works at very low pressure, the volumetric cooling capacity of water vapor is very...

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- Authored by Amir Kharazi
- Released at 2009



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