

VAPOUR ABSORPTION MACHINES

The New Generation Machines with
Advanced Paraflow Technology Featuring
High Reliability & Efficiency

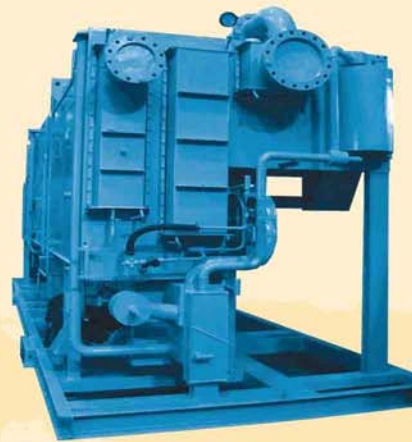


Voltas Absorption Chillers are manufactured and tested in state-of-the-art facilities in India, to the highest standards.



Double Effect, Steam Fired

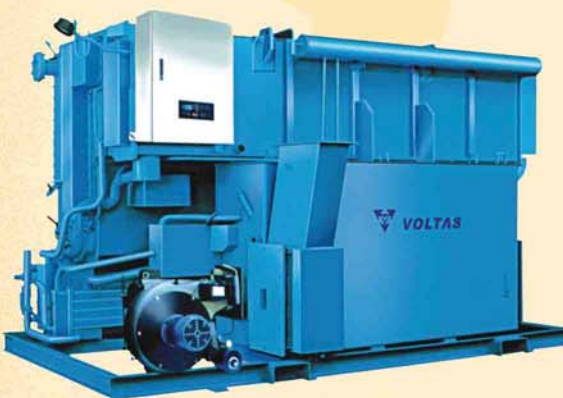
Range : 40 TR - 1450 TR
Heat source : Saturated Steam 8kg/cm²
Special Range upto 2900 TR



Single Effect, Steam & Hot Water Fired

Range:	Heat source:
120 TR - 1000 TR	Saturated Steam at 1.0kg/cm ² g
60 TR - 500 TR	Low Temp. at 85°C Hot Water
120 TR - 1000 TR	High Temp. at 140°C Hot Water
Special range upto 2000 TR	

Reliability
Efficiency



Direct Fired & Co-generation

Range : 120 TR - 1450 TR
Heat source : HSD/LDO/SKO
Natural Gas/Bio Gas/LPG
Clean Exhaust Fuel Gases
Special range upto 2900 TR



Small Direct Fired (Koala Series)

Range : 40 TR - 100 TR
Heat source : HSD/LDO/SKO
Natural Gas/Bio Gas/LPG
Exhaust Gas

Advantages of VAM:

- Driven by thermal energy sources i.e., steam, hot water, oil/gas & exhaust gas
- Environment friendly (no CFC)

- Lower operating costs in certain applications
- Negligible maintenance
- Noiseless operation
- Clear option where electricity is scarce or high cost

PRODUCT RANGE...

The Cooling Effect of Voltas - VAM is effectively utilised at :

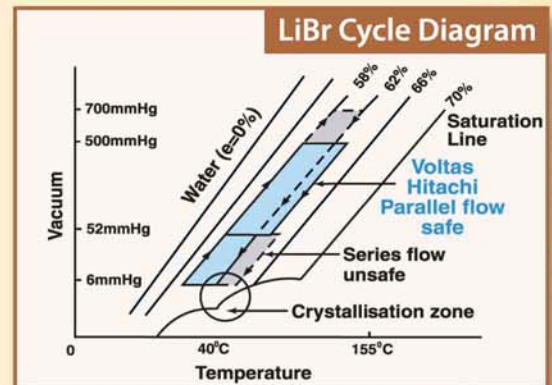
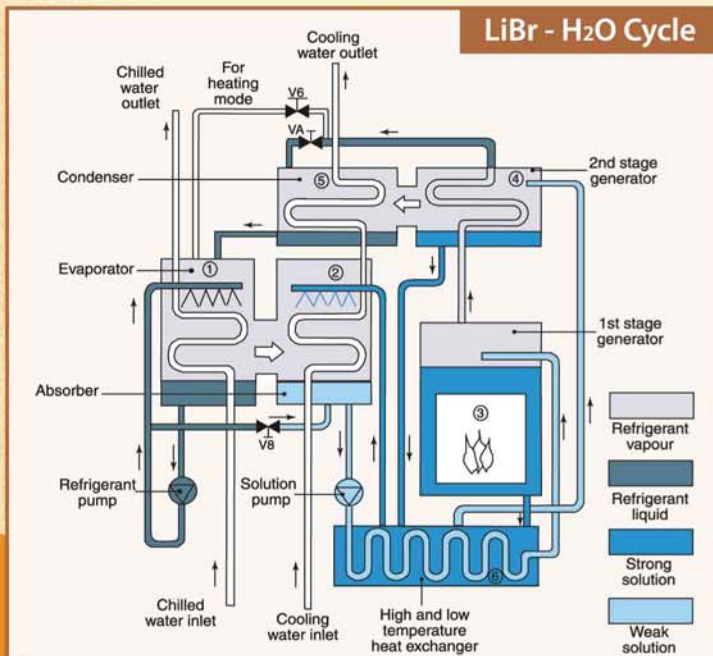
India

- ★ **Larsen & Toubro (RIL), Gujarat**
(8 X 1000 TR Steam fired)
- ★ **Unilever Ltd. Kolkata & Khamgoan**
(4 X 200 TR Steam fired)
- ★ **Aventis Pharma Ltd. Gujarat**
(4 X 400 TR Steam fired & Co-generation)
- ★ **Alok Industries, Gujarat**
(12 X 500 TR Hot water fired)
- ★ **Meghmani Organics, Gujarat**
(2 X 400 TR Co-generation)
- ★ **BHEL, Bhopal**
(1 X 310 TR Steam fired)
- ★ **ITC, Bhadrachalam, AP**
(2 X 600 TR Steam fired)
- ★ **Glaxo, Nasik**
(2 X 500 TR Steam fired)
- ★ **Tisco, Jamshedpur**
(3 X 600 TR Single effect)
- ★ **Century Rayon, Kalyan**
(3 X 700 TR Steam fired)
- ★ **Taj Mahal Hotel, Mumbai & Delhi**
(2 X 600 TR Steam fired)
- ★ **State Bank of India, Delhi**
(1 X 120 TR Oil fired)

Overseas

- ★ **Al - Ittefaq Steel Co., Jeddah & Dammam**
(3 X 700 TR Oil fired)
- ★ **Obeikan Fibers, Riyadh**
(3 X 600 TR Oil / Gas fired)
- ★ **Dynaplast, Indonesia**
(1 X 300 TR Co-generation)
- ★ **Quest Vitamins, Dubai**
(1 X 300 TR Gas fired)
- ★ **Eco Oil SDN, Malaysia**
(1 X 100 TR Steam fired)
- ★ **Titas Dennim, Bangladesh**
(1 X 200 TR Steam fired)

... and many more reputed clients



Major Salient Features:

- Paraflow Technology having
 - Safe LiBr cycle
 - Higher energy efficiency
- Low Concentration cycle - longer life
- Advanced Microprocessor based control panel as standard supply
- All units performance tested in factory prior to dispatch

(Product development is a continuous process in Voltas, hence specifications and technical data are subject to alterations without notice)

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