

Lecture 4.35

4.3 Psychometric chart and its use;

Refrigeration & Air Conditioning

Agenda

- 4.3 Psychometric chart and its use;

4.3 Psychrometric chart and its - Part 1

- Psychrometric chart represents moist air properties.
- Detailed explanation of the concept.
- Relevant theory and practical example.

4.3 Psychometric chart and its - Part 2

- DBT on X-axis, Specific Humidity on Y-axis.
- Detailed explanation of the concept.
- Relevant theory and practical example.

4.3 Psychometric chart and its - Part 3

- Curved lines represent RH.
- Detailed explanation of the concept.
- Relevant theory and practical example.

4.3 Psychometric chart and its - Part 4

- Diagonal lines represent WBT and Enthalpy.
- Detailed explanation of the concept.
- Relevant theory and practical example.

4.3 Psychometric chart and its - Part 5

- Knowing two properties fixes state point.
- Detailed explanation of the concept.
- Relevant theory and practical example.

4.3 Psychometric chart and its - Part 6

- Additional detail 6
- Detailed explanation of the concept.
- Relevant theory and practical example.

4.3 Psychometric chart and its - Part 7

- Additional detail 7
- Detailed explanation of the concept.
- Relevant theory and practical example.

Key Takeaways

Critical understanding of 4.3 Psychometric chart and its use; is essential for proper refrigeration and air conditioning system design.