


Lecture - 11

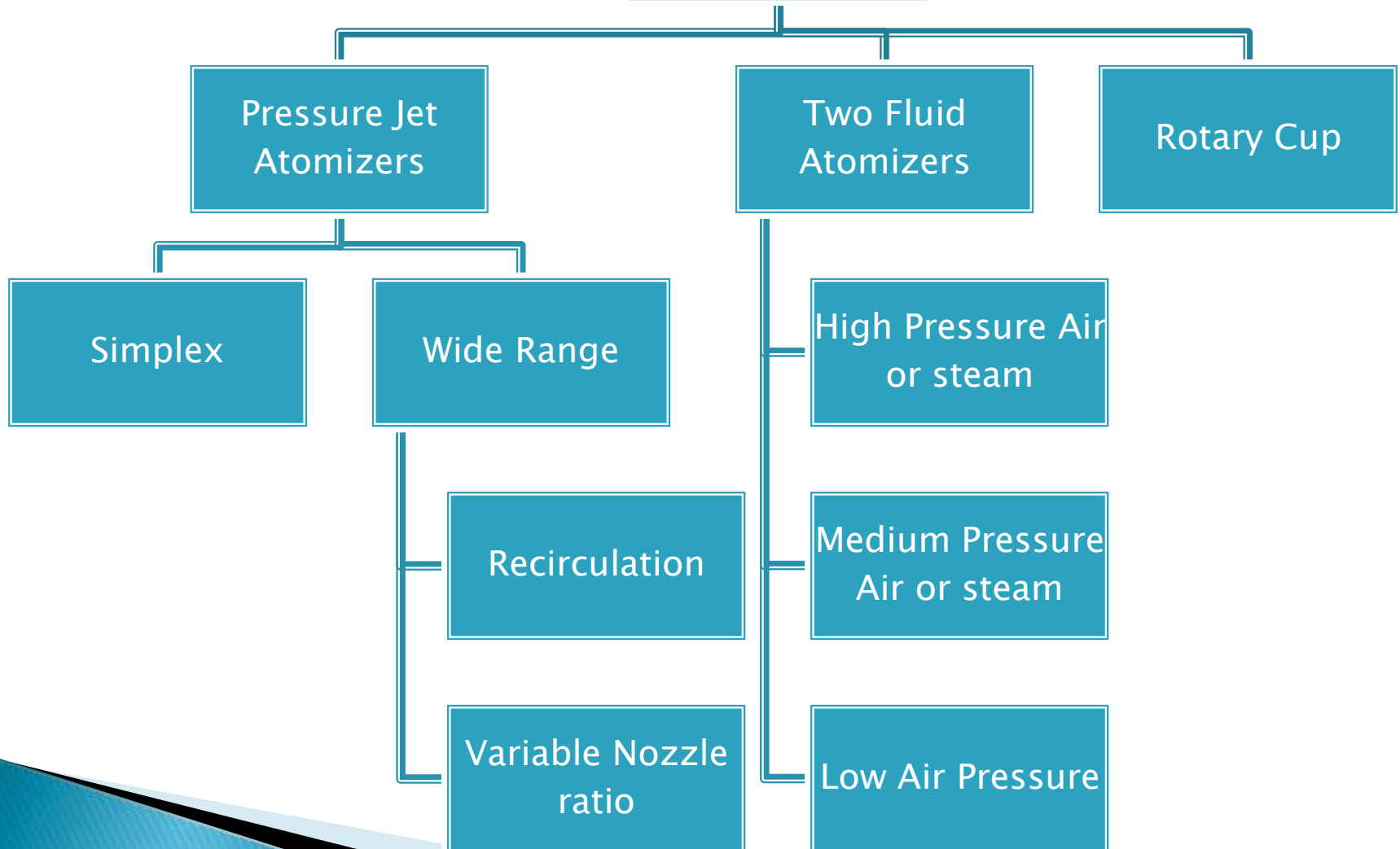
Fuel Oil Burners



Fuel Oil Burner

- ▶ Fuel Oil Burner must be capable of properly atomizing the oil within a furnace of minimum dimensions.
 - ▶ The burner must be producing efficient firing over a wide range of oil flow rates.
 - ▶ The burner must be able to rapidly respond to changes of load to meet requirements.
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Classification Of Burners

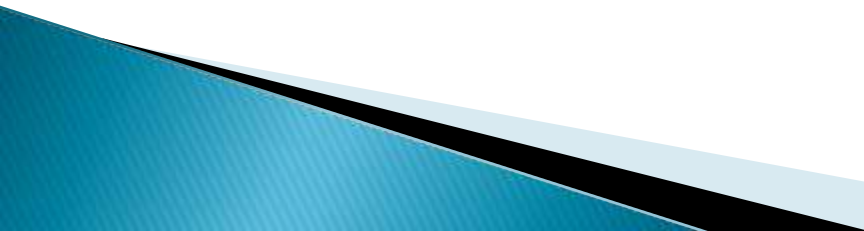








Storage Of Fuel Oils

- Minimum volume Of delivery from the supplier
 - Consumption of the unit during the normal time and lead time of delivery
 - Safety stock to avoid stock shortage
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Wastage Causing Factors

- Spillage Of fuel Oils
- Draining Of water & Cleaning of storage tanks
- Pumping Arrangements
- Pipeline Layouts & Filter arrangements
- Storage & handling temperatures of fuel oils

- Thank You