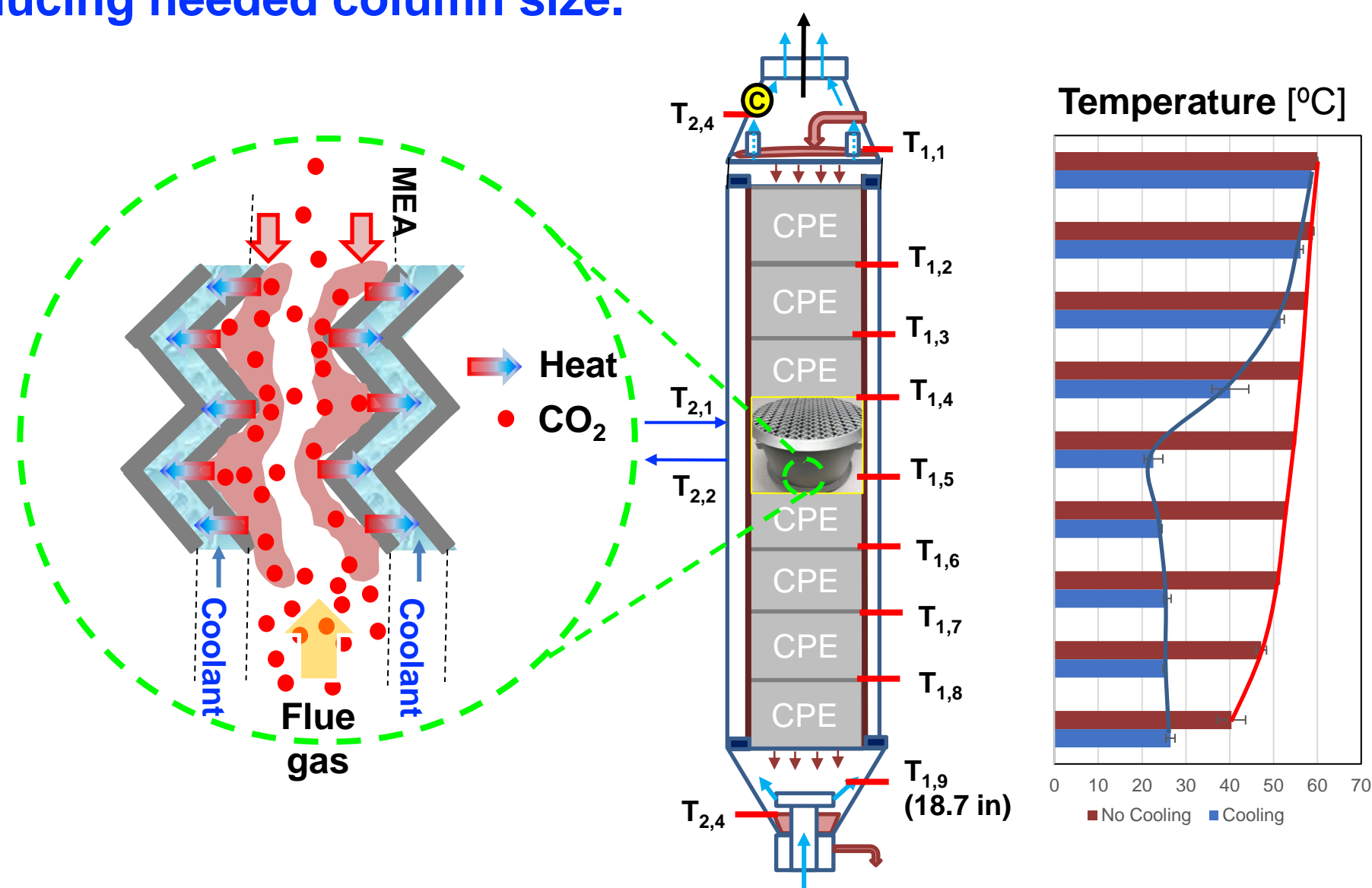


## INTENSIFIED DEVICES

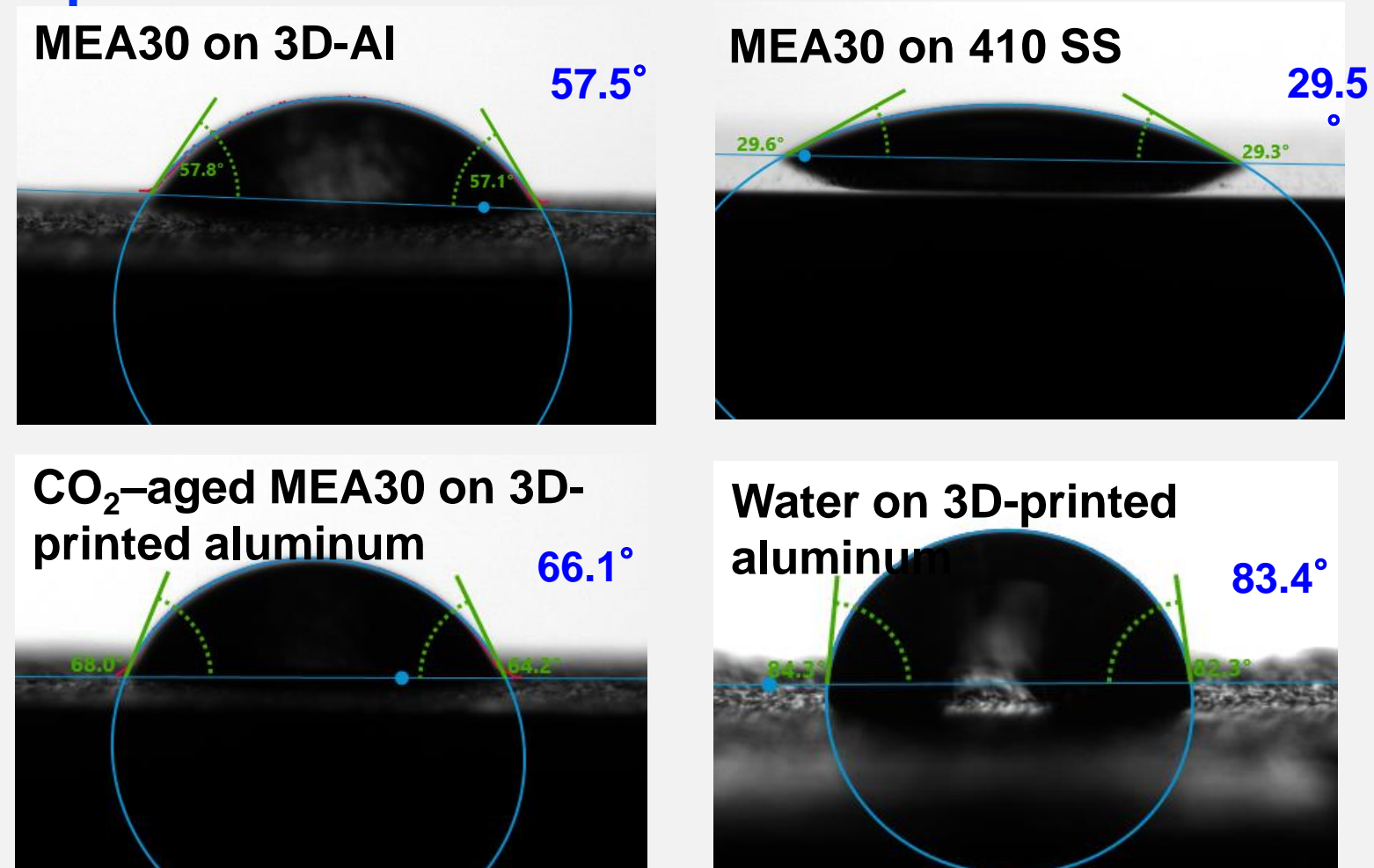
Cooling the solvent inside of the column allows good control of temperature profiles, yielding higher capture efficiency and reducing needed column size.



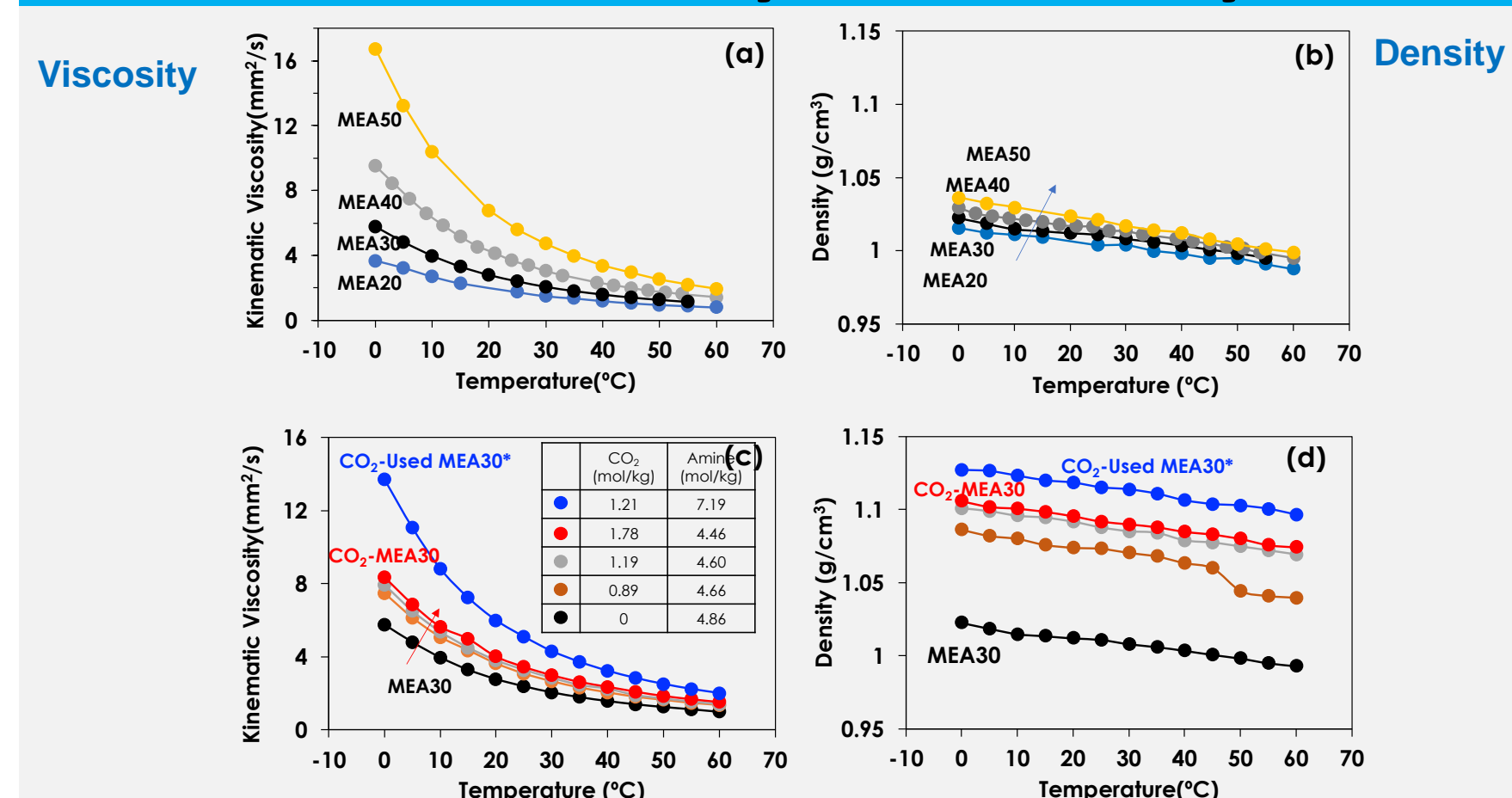
## SOLVENT DATA

### Static contact angle

We measure exact solvent properties on specific materials of construction for accurate



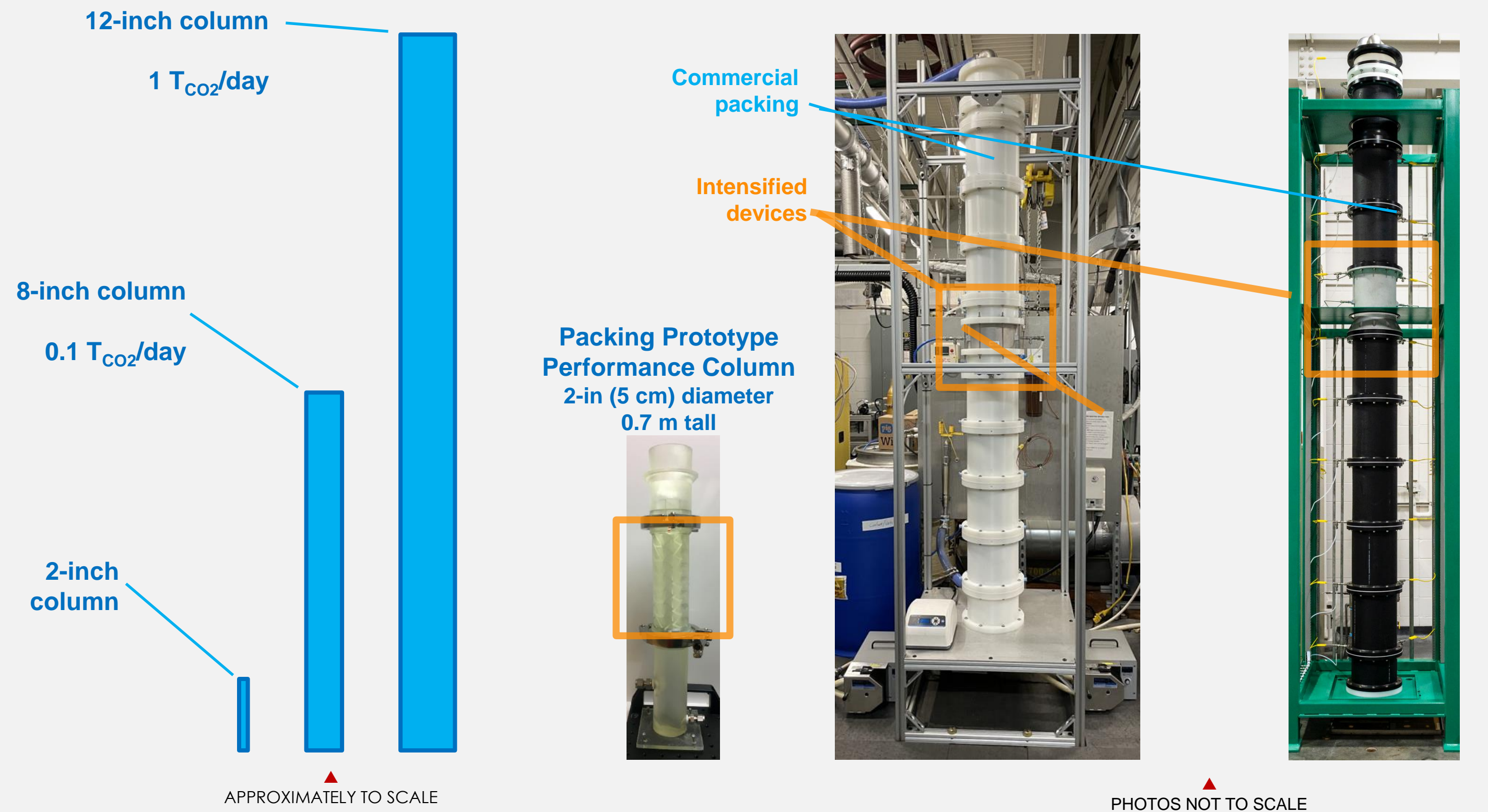
### Viscosity and density



## INTENSIFIED PROCESS SCALING

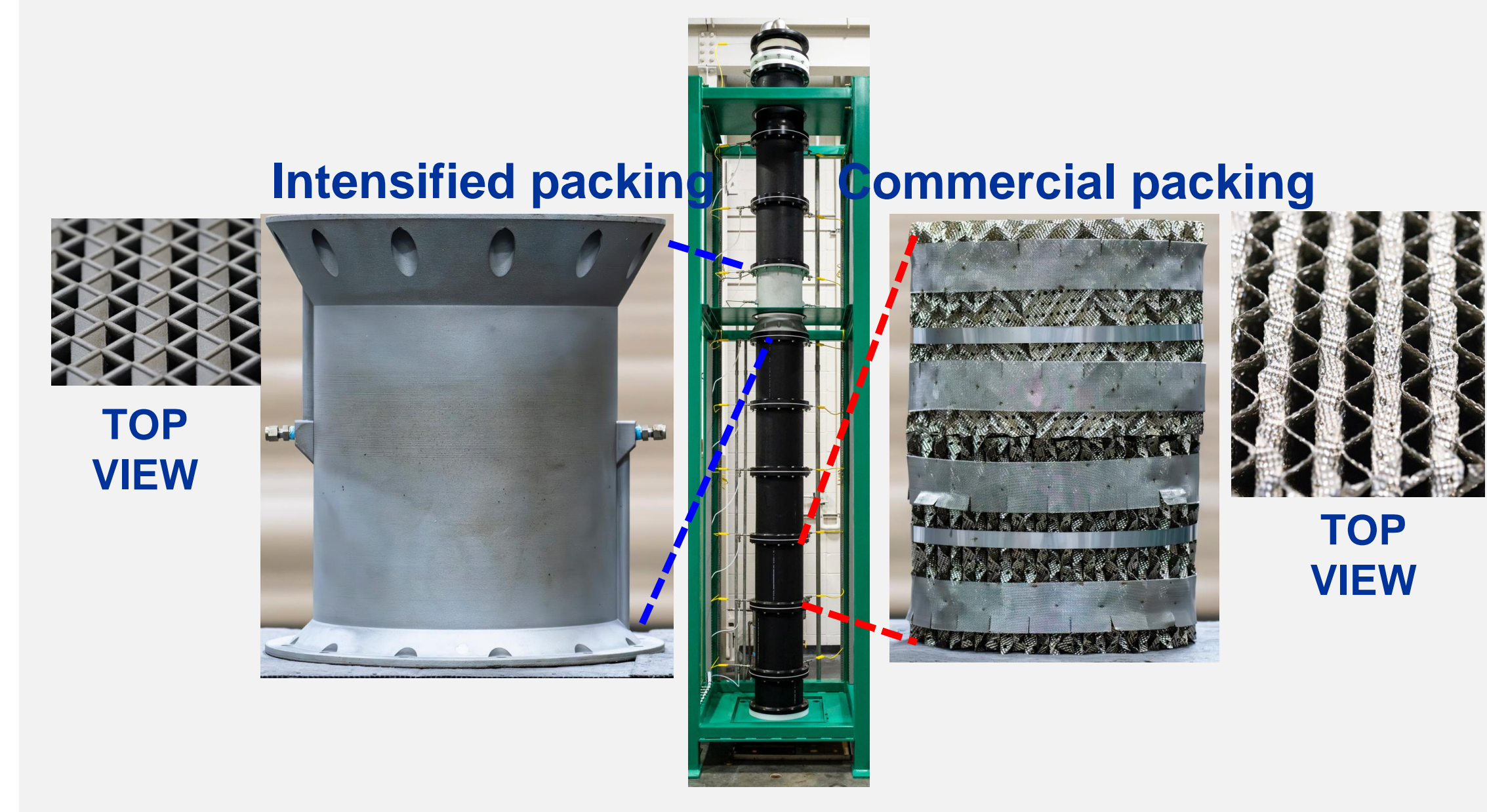
### Scaling sequence and capabilities

Data are used at each scale to validate process and physics models and to evaluate packing-solvent performance



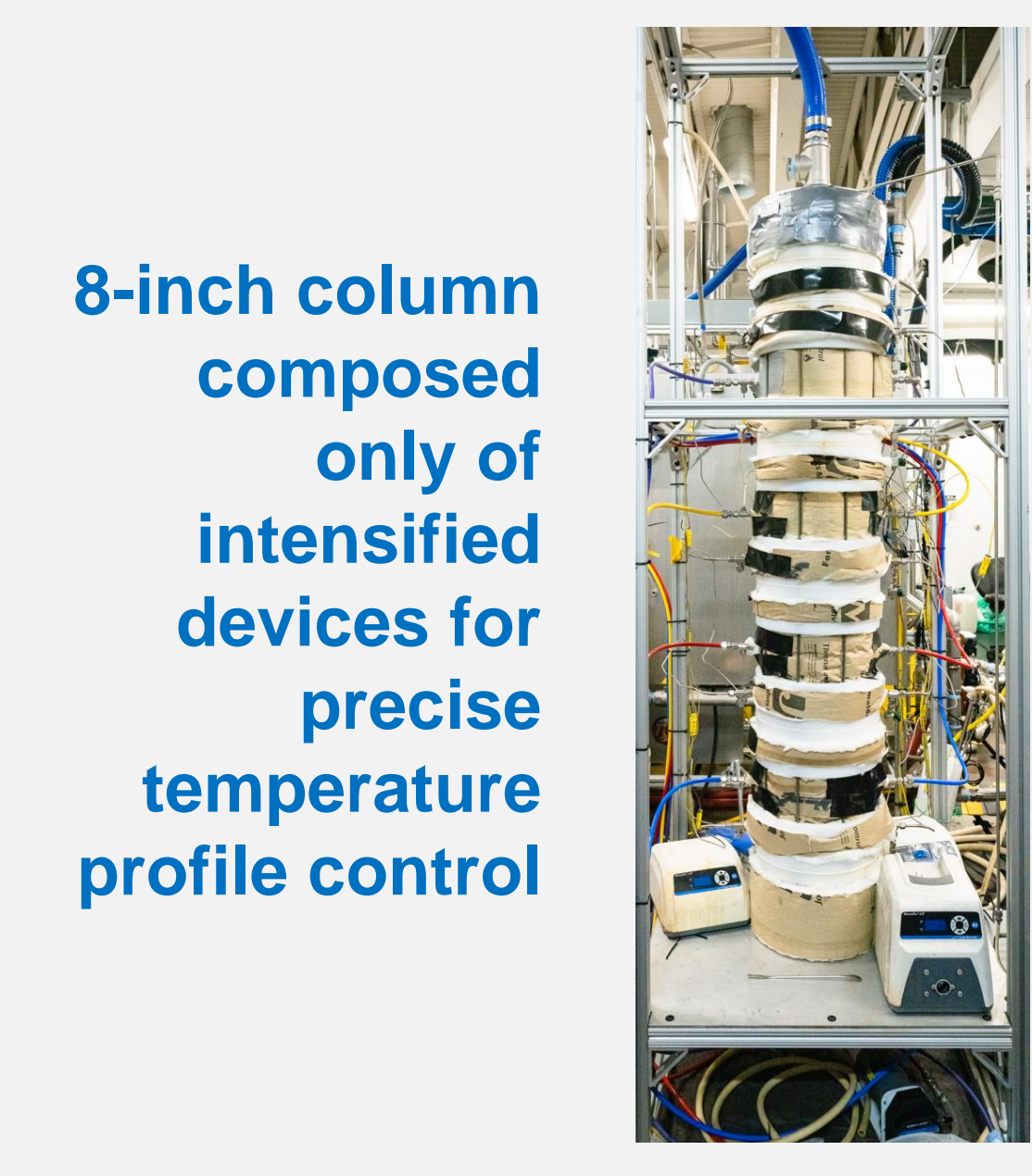
## PACKING OPTIMIZATION

### Packing devices for 12-inch column

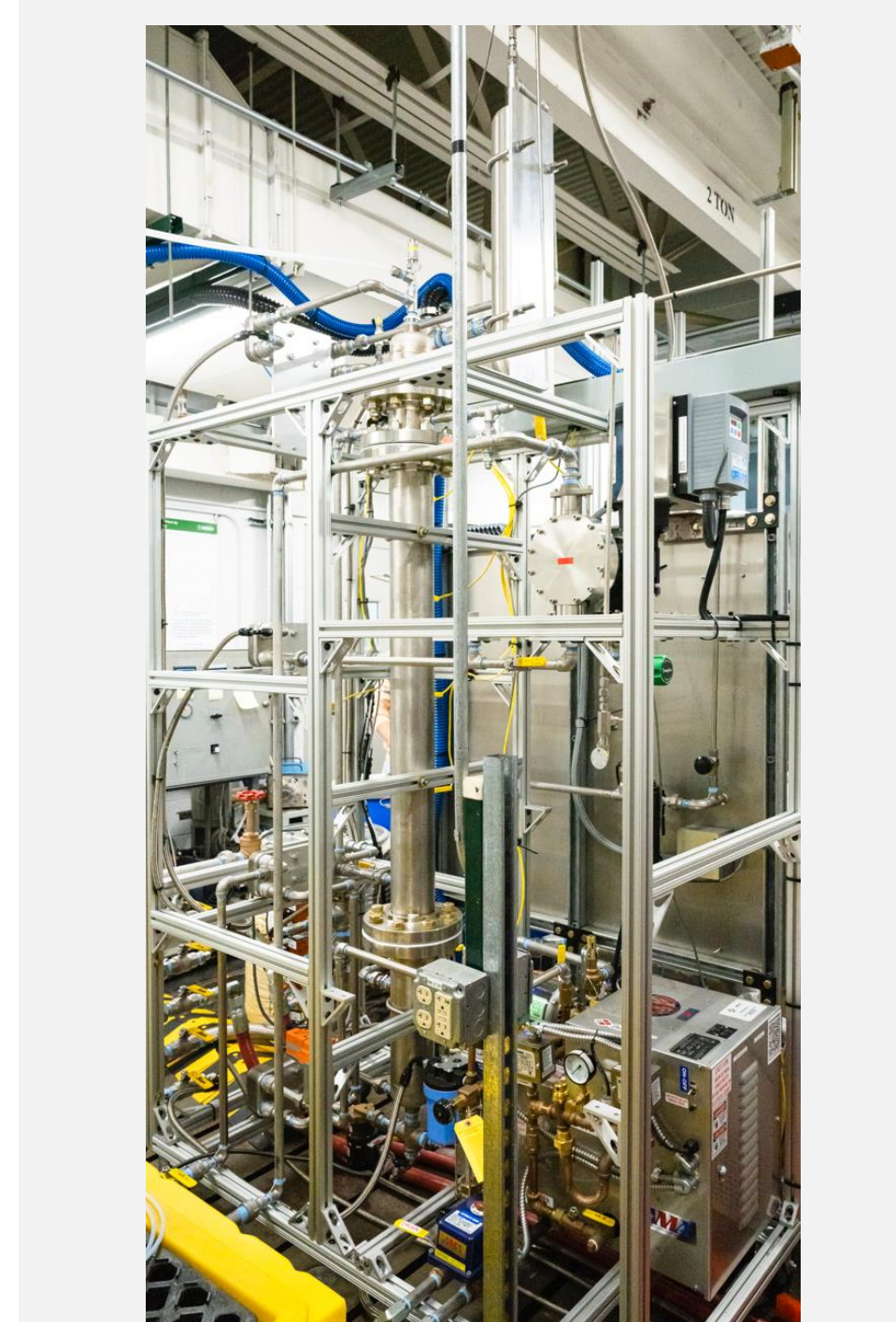


## PROCESS CONTROL

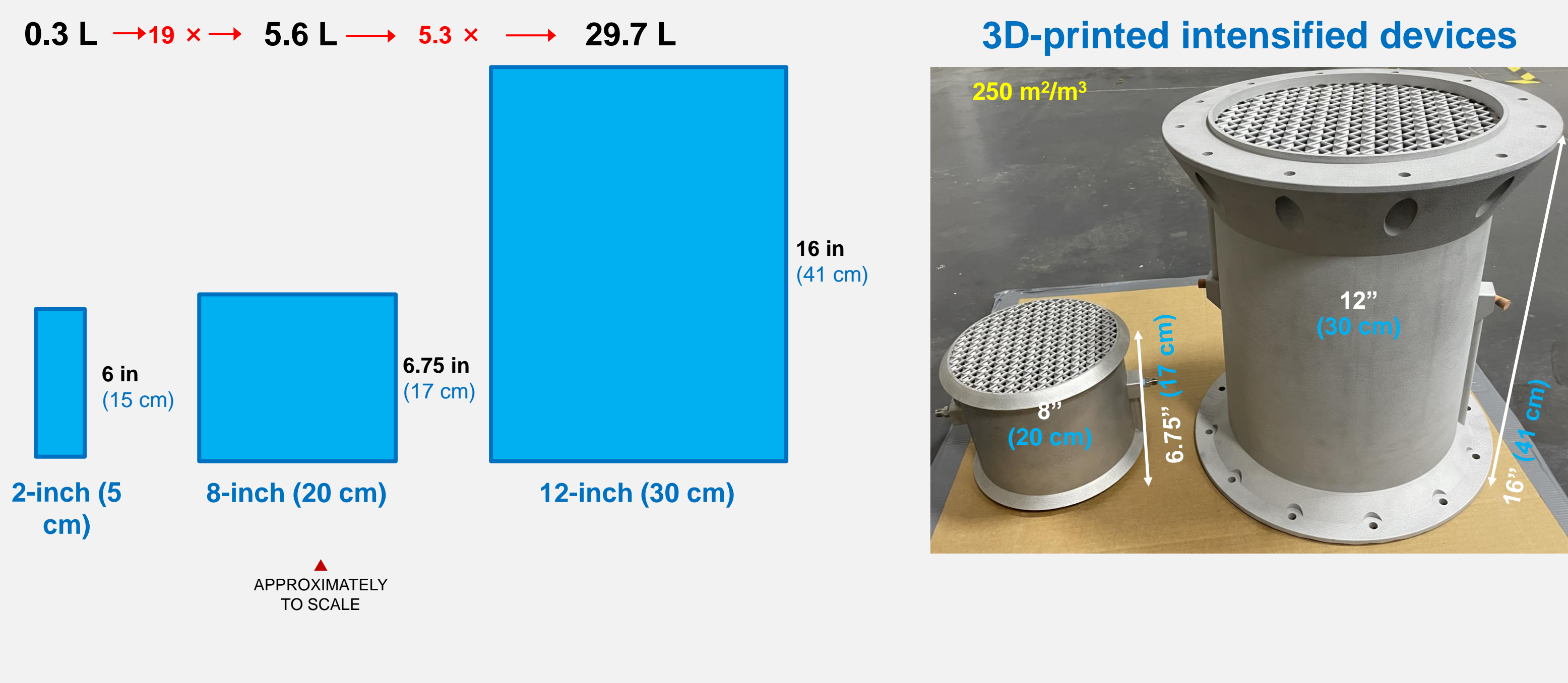
### Advanced temperature profile control



### Solvent regeneration



## Scaling of intensified devices



**Acknowledgements:** The authors graciously acknowledge funding from the U.S. Department of Energy, Office of Fossil Energy and Carbon Management, through the Carbon Capture Program.

**Disclaimer:** This project was funded by the Department of Energy, National Energy Technology Laboratory an agency of the United States Government, through a support contract. Neither the United States Government nor any agency thereof, nor any of its employees, makes any warranty, expressor implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

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