

Jin Y, Zhu J-X and Yu Z-Q “Novel Configurations and Variants”, Chapter 16 in *Circulating Fluidized Beds*, eds. JR Grace, AA Avidan and TM Knowlton, Chapman & Hall, pp 524-566, 1996.

Table of Content:

16.1 Internals

16.2 Ends Configurations

16.2.1 Bottom Sections

16.2.2 Exit Structures

16.3 Other Bed Configurations

16.4 Gas-Solids Cocurrent Downflow Systems

16.4.1 Existing and Potential Applications of Downflow Systems

16.4.2 Typical Structure of Downers

16.4.3 Hydrodynamics of Downer

16.4.4 Gas and Solids Mixing

16.5 Liquid-Solid and Gas-Liquid-Solid Systems

16.5.1 Liquid-Solid (L-S) Circulating Fluidized Bed

16.5.2 Gas-Liquid-Solid (G-L-S) Three-Phase Circulating Fluidized Bed