

FluidBed

Fluidized Bed Air Distribution Nozzle

DESIGN FEATURES

- Prevents particle buildup in plenum 2 ways: orifices point downwards, and long narrow orifices are too small for most material to get through
- Deflected plate air flow prevents buildup on the bottom of the bed
- Easy installation with bolt-on tips; allows for quick replacement during turnaround
- Cast product offers a quality low cost solution
- Can be supplied for new installations and retrofits
- Patent pending
- Custom flows available



Dimensions are approximate. Check with BETE for critical dimension applications.

FluidBed Flow Rates and Dimensions

Fits Standpipe	Nozzle Number	K Factor	SCFM / Nozzle @PSI (plenum)					
			2 psi	3 psi	4 psi	5 psi	6 psi	7 psi
3/4" Sch 40	FB5	2.24	3.2	3.9	4.5	5.0	5.5	5.9
	FB7	3.13	4.4	5.4	6.3	7.0	7.7	8.3
1" Sch 40	FB10	4.47	6.3	7.7	8.9	10.0	10.9	11.8
	FB15	6.71	9.5	11.6	13.4	15.0	16.4	17.8
	FB22	9.85	13.9	17.1	19.7	22.0	24.1	26.1

CALL 413-772-0846
Call for the name of your nearest BETE representative.