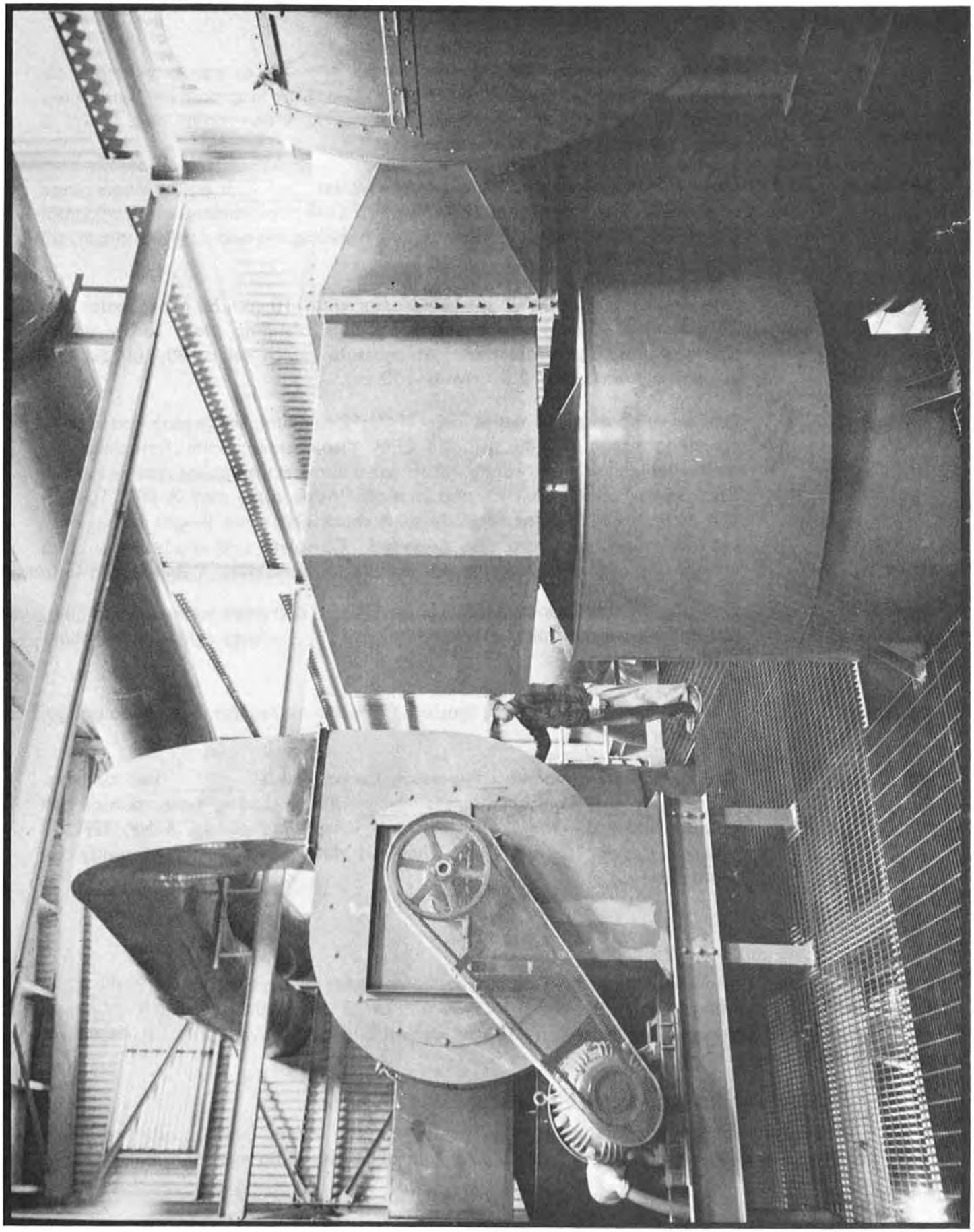
FANS

SD-1700 One (1) Fan for (Cooler) (Dryer) (Combustion Chamber) (Ammoniator) Clarage Fan Company #_____ or equal, steel plate construction, open wheel, rated _____ CFM at _____" SP, _____ RPM, with quick cleanout, access doors, with V-belt drive, flanged inlet and outlet, less _____ HP motor. Unit includes vertically adjustable motor base for belt tension.

SD-1705 One (1) Fan for (Dryer) (Cooler) (Combustion Chamber) (Ammoniator) Clarage Fan Company #_____ or equal, steel plate construction, open wheel, rated _____ CFM at _____" SP, _____RPM, with quick cleanout access doors, with V-belt drive, flanged inlet and outlet, less _____ HP drive.

MODEL OR SIZE	CFM	DRUM DIA.	COOLER 5" SP		DRYER 7" SP	
			RPM	H.P.	RPM	H.P.
119XL	5488	Agglomerator	3" SP		785	5
121XL	7200	Agglomerator	3" SP		721	7½
123XL	8640	5'	798	15	916	20
126XL	12,478	6'	725	20	827	25
129XL	17,442	7'	668	30	756	40
133XL	22,572	8'	572	40	648	50
137XL	28,348	9'	511	50	578	60
141XL	34,880	10'	461	60	523	75

FAN CAPACITY

Fan recommendations given above are based on the approximate pressure drops listed above. In essense, a dryer complete with cyclone and combustion chamber will require approx. 7" SP, and without chamber about 5" SP (same as cooler setup). Velocities are calculated for 500 Ft./Min. through drums, but because of evaporation and the subsequent volume of water vapor, value of air flow less than 500 Ft./Min. are prevalent through the drum. If a wet scrubber or bag collector is used the static pressure of these units must be added to the above pressures.