

Birds per cup		Type of cup	Moderate climate	Hot climate
Broilers		small	60	35
Breeders	Day old to death	small/medium	35	25
	<18 weeks	small	35	25
	>18 weeks	medium	35	25
Commercial layers		medium	40	30
Turkeys	<6 weeks	small	60	35
Medium turkeys	<29 lb	big	40	30
Ducks		small/big	40	30
Cups per 9.84 ft water tube	2, 3, 4, 5, or 6			
Max. length of the line	Frontal supply		Central supply	
Broilers / Commercial Layers	246 ft		492 ft	
Pullets Rearing / Turkeys				
Broiler Breeders Production	197 ft		394 ft	
Water supply specifications	Diameter of water supply (*) after filters			
	Frontal regul. set	Central regul. set	Pump capacity	
2–3 lines per house	1"	1"	43.5 psi – 13.2 gal/min	
4–5 lines per house	1"	1 1/2"	43.5 psi – 13.2 gal/min	
6–7 lines per house	1 1/2"	1 1/2"	43.5 psi – 21.1 gal/min	
Water pressure, pressure regulator	Input		Output	
	43.5 psi		2.9–14.5 psi	
Capacity of the valve	Standard		Heavy duty	
	0.1–0.16 gal/min		0.13–0.19 gal/min.	
Suspension points	Max. every 9.8 ft			
(*) tube diameters	Outside diameter		Inside diameter	
3/4"	1.05"		0.874"	
1"	1.33"		1.12"	
1 1/2"	1.9"		1.67"	