


AVIARY SYSTEM DENSITY CALCULATION			
System Length	2.9m		
System Depth	2.233m + 0.6m (balcony surface)		
<b>Total Area x tier x section</b> - Nest included -	<b>8.21m² each tier</b>		
<b>NEST</b> USABLE Area	<i>Nest Possibility</i>	<i>1 Tier</i> (2 nests)	<i>1 Section</i> (2 tiers)
	0.44x1.15 = 0.506 m²	<b>1.01 m²</b>	<b>2.02 m²</b>
	0.44x1.267 = 0.557 m²	<b>1.11 m²</b>	<b>2.23 m²</b>
	0.44x1.36 = 0.598 m²	<b>1.19 m²</b>	<b>2.39 m²</b>
	0.44x1.436 = 0.631 m²	<b>1.26 m²</b>	<b>2.52 m²</b>
<b>USABLE AREA</b> <small>* Note: the depth of the nest to be deducted is 0.52m instead of 0.44m * Note: Roof Cover of the nest on the 2<sup>nd</sup> floor is considered Usable Area</small>		<i>1 Tier</i>	<i>1 Section</i> (2 tiers)
	with nest 0.52x1.15	<b>7.01 m²</b>	<b>15.22 m²</b>
	with nest 0.52x1.267	<b>6.89 m²</b>	<b>15.10 m²</b>
	with nest 0.52x1.36	<b>6.79 m²</b>	<b>15.00 m²</b>
	with nest 0.52x1.436	<b>6.71 m²</b>	<b>14.92 m²</b>
<b>USABLE</b> <b>FEED TROUGH</b>		<i>1 Tier</i>	<i>1 Section</i> (2 tiers)
	with nest length 1.15	<b>9.30 m</b>	<b>18.60 m</b>
	with nest length 1.267	<b>9.12 m</b>	<b>18.24 m</b>
	with nest length 1.36	<b>8.96 m</b>	<b>17.92 m</b>
	with nest length 1.436	<b>8.74 m</b>	<b>17.48 m</b>
<b>PERCH</b>	max. 14 perches of 2900mm for each section		
<b>EGG BELTS</b>	2 belts of 250mm for each tier		
<b>Usable Area on the Floor</b>	house width x system length		
<b>Total Usable Area</b>	usable area on the floor + usable area on the system		

- Perch Line
- Drink Line
- Feed Line
- Light
- Usable Area

**CONFIDENTIAL**

 VALLI S.p.A. 47010 GALEATA FO ITALY	VOLO USA 223 2 tiers		DRG.No.
	Date: 13.05.2021		

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