

# HatchTech

## MicroClimer Benefits

### MicroClimer Technology

#### for Superior and Uniform Chick Quality

- Perfect embryo temperature control
- Laminar airflow
- Gas-sealed incubation
- Uniform Embryo Activator™
- Total O<sub>2</sub>, CO<sub>2</sub> Control
- U-Vaporator™
- MicroClimer Controller

**The result:** Environmental requirements of the embryo are perfectly met, which results in maximum hatchability and a uniform and optimal chick quality. Outstanding chick quality maximizes the final field performance and the results and profitability of your hatchery.

### Excellent Bio-Security

#### for Healthy Chick Production

- Fresh, filtered air supply
- Gas sealed incubation
- Ultimate Machine Sanitation™
- CyClean™

**The result:** Excellent bio-security control that meets the highest industry and market standards, protects vulnerable chicks, and increases the number of strong, healthy chicks!

### Energy Efficiency

#### for Operational Sustainability

- High-insulation panels
- Direct-drive ventilators
- Eco Energy Drive™
- PID control and Modulating valves
- Efficient cooling and heating

**The result:** Energy-efficient features work together to ensure reduced energy consumption, lower energy bills, and a smaller CO<sub>2</sub> footprint.

# Technical Specifications

## MicroClimer 88-Series

Setters	S168960	S126720
<i>Capacity</i>		
Eggs	168960	126720
Trays (88 eggs)	1920	1440
Trolleys	24	18
Eggs/m <sup>2</sup>	4582	4557
<i>Dimensions</i>		
W x D x H (m)	5,40 x 6,83 x 2,74	5,40 x 5,15 x 2,74
<i>Setters</i>		
<b>S200640</b>		
<b>S150480</b>		
<i>Capacity</i>		
Eggs	200640	150480
Trays (88 eggs)	2280	1710
Trolleys	24	18
Eggs/m <sup>2</sup>	5441	5412
<i>Dimensions</i>		
W x D x H (m)	5,40 x 6,83 x 2,74	5,40 x 5,15 x 2,74
<i>Sensors</i>		
Temperature	12	6
Humidity	1	1
CO <sub>2</sub>	1	1
<i>Humidification</i>		
Turning	U-Vaporator™	U-Vaporator™
Cooling	Individual per trolley	Individual per trolley
Heating	100% by water	100% by water
UMST™	Standard	Standard
Uniform Embryo Activator™	Standard	Standard

## MicroClimer 150-Series

Setters	S115200	S86400
<i>Capacity</i>		
Eggs	115200	86400
Trays (150 eggs)	768	576
Trolleys	24	18
Eggs/m <sup>2</sup>	4354	4182
<i>Dimensions</i>		
W x D x H (m)	7,97 x 3,32 x 2,70	4,20 x 4,92 x 2,70
<i>Sensors</i>		
Temperature	6	3
Humidity	1	1
CO <sub>2</sub>	1	1
<i>Humidification</i>		
Turning	U-Vaporator™	U-Vaporator™
Cooling	Individual per trolley	Individual per trolley
Heating	100% by water	100% by water
UMST™	Standard	Standard
Uniform Embryo Activator™	Standard	Standard

## MicroClimer Turkeys and Ducks

Setters	S21168
<i>Capacity</i>	
Eggs	21168
Trays (126 eggs)	168
Trolleys	6
Eggs/m <sup>2</sup>	2754
<i>Dimensions</i>	
W x D x H (m)	4,47 x 1,72 x 2,70
<i>Sensors</i>	
Temperature	6
Humidity	1
CO <sub>2</sub>	1
<i>Humidification</i>	
Turning	U-Vaporator™
Cooling	Individual per trolley
Heating	100% by water
UMST™	Standard
Uniform Embryo Activator™	Standard



<b>S84480</b>	<b>S42240</b>	<b>S21120</b>	<b>S7040</b>
84480	42240	21120	7040
960	480	240	80
12	6	3	1
4496	4322	3969	1793
5,40 x 3,48 x 2,70	5,40 x 1,81 x 2,70	2,94 x 1,81 x 2,70	2,17 x 1,81 x 2,70
<b>S100320</b>	<b>S50160</b>	<b>S25080</b>	<b>S8360</b>
100320	50160	25080	8360
1140	570	285	95
12	6	3	1
5339	5132	4714	2129
5,40 x 3,48 x 2,74	5,40 x 1,81 x 2,70	2,94 x 1,81 x 2,70	2,17 x 1,81 x 2,70
6	6	3	2
1	1	1	1
1	1	1	1
U-Vaporator™ Individual per trolley 100% by water 100% by water Standard Standard	U-Vaporator™ Individual per trolley 100% by water 100% by water Standard Standard	U-Vaporator™ Individual per trolley 100% by water 100% by water Standard Standard	U-Vaporator™ Individual per trolley 100% by water 100% by water Standard Standard

<b>MicroClimer 88-Series</b>			
<b>Hatchers</b>	<b>H42240</b>	<b>H21120</b>	<b>H7040</b>
<i>Capacity</i>			
Eggs	42240	21120	7040
Basket (88 eggs)	480	240	80
Dollies	6	3	1
Eggs/m <sup>2</sup>	4075	3742	1730
<i>Dimensions</i>			
W x D x H (m)	5,40 x 1,92 x 2,70	2,94 x 1,92 x 2,70	2,12 x 1,92 x 2,70
<b>Hatchers</b>	<b>H50688</b>	<b>H25344</b>	<b>H8448</b>
<i>Capacity</i>			
Eggs	50688	25344	8448
Basket (88 eggs)	576	288	96
Dollies	6	3	1
Eggs/m <sup>2</sup>	4229	3884	1796
<i>Dimensions</i>			
W x D x H (m)	5,40 x 2,22 x 2,70	2,94 x 2,22 x 2,70	2,12 x 2,22 x 2,70
<i>Sensors</i>			
Temperature	3	2	2
Humidity	1	1	1
CO <sub>2</sub>	1	1	1
<i>Humidification</i>			
Cooling	Sprayer 100% by water	Sprayer 100% by water	Sprayer 100% by water
Heating	100% by water	100% by water	100% by water
UMS™	Standard	Standard	Standard
CyClean™	Standard	Standard	Standard

<b>S57600</b>	<b>S28800</b>
57600	28800
384	192
12	6
4131	3987
4,20 x 3,32 x 2,70	4,20 x 1,72 x 2,70
3	3
1	1
1	1
U-Vaporator™ Individual per trolley 100% by water 100% by water Standard Standard	U-Vaporator™ Individual per trolley 100% by water 100% by water Standard Standard

<b>MicroClimer 150-Series</b>	
<b>Hatchers</b>	<b>H28800</b>
<i>Capacity</i>	
Eggs	28800
Basket (75 eggs)	384
Dollies	6
Eggs/m <sup>2</sup>	3746
<i>Dimensions</i>	
W x D x H (m)	4,47 x 1,72 x 2,70
<i>Sensors</i>	
Temperature	3
Humidity	1
CO <sub>2</sub>	1
<i>Humidification</i>	
Cooling	Sprayer 100% by water
Heating	100% by water
UMS™	Standard
CyClean™	Standard

<b>MicroClimer Turkeys and Ducks</b>	
<b>Hatchers</b>	<b>H21168</b>
<i>Capacity</i>	
Eggs	21168
Basket 126 (eggs)	168
Basket 63 (eggs)	336
Dollies	6
Eggs/m <sup>2</sup>	2754
<i>Dimensions</i>	
W x D x H (m)	4,47 x 1,72 x 2,70
<i>Sensors</i>	
Temperature	3
Humidity	1
CO <sub>2</sub>	1
<i>Humidification</i>	
Cooling	Sprayer 100% by water
Heating	100% by water
UMS™	Standard
CyClean™	Standard

<b>MicroClimer Turkeys and Ducks</b>	
<b>Hatchers</b>	<b>H21168</b>
<i>Capacity</i>	
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Basket 126 (eggs)	168
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<i>Dimensions</i>	
W x D x H (m)	4,47 x 1,72 x 2,70
<i>Sensors</i>	
Temperature	3
Humidity	1
CO <sub>2</sub>	1
<i>Humidification</i>	
Cooling	Sprayer 100% by water
Heating	100% by water
UMS™	Standard
CyClean™	Standard