

Crystal Spring® Water-Space™ Feeder

Operation Guidelines

Water Supply Requirements

Two water sources with separate pressure regulators:

High Pressure

- 20-25 psi for Water-Space™ flow control valves (Ziggity #970)

Low Pressure

- 1-8 psi for nursery feeder nipples (Maxiflo 6002)
OR
• 1.5-13 psi for wean/finish feeder nipples (Maxiflo 6003)

Maximum of 700 pigs per water regulator, i.e. 1000 hd barn requires 4 regulators

Water Management

Day 1-7	Day 8-21	Day 22+
ON Water-Space™ (3/4" of standing water in Water-Space™)	ON Water-Space™ (3/4" of standing water in Water-Space™)	OFF Water-Space™
OFF Water nipples in the feeder	ON Water nipples in the feeder (1-3 psi)	ON Water nipples in the feeder (2-5 psi)
IN Feed block over the Water-Space™	IN Feed block over the Water-Space™	OUT Feed block over the Water-Space™
		RAISE <i>Feed shelf to high position for adjustable shelf feeder</i>

Feed Management

Feed shelf should be open enough for feed to cover 50-75% of feed trough

Typical settings

- Mini pellets: Feeder setting 4-7
- 3/8" pellet: Feeder setting 6-10
- Mash feed: Feeder setting 7-15

SEE WATER FLOW CHART ON REVERSE SIDE

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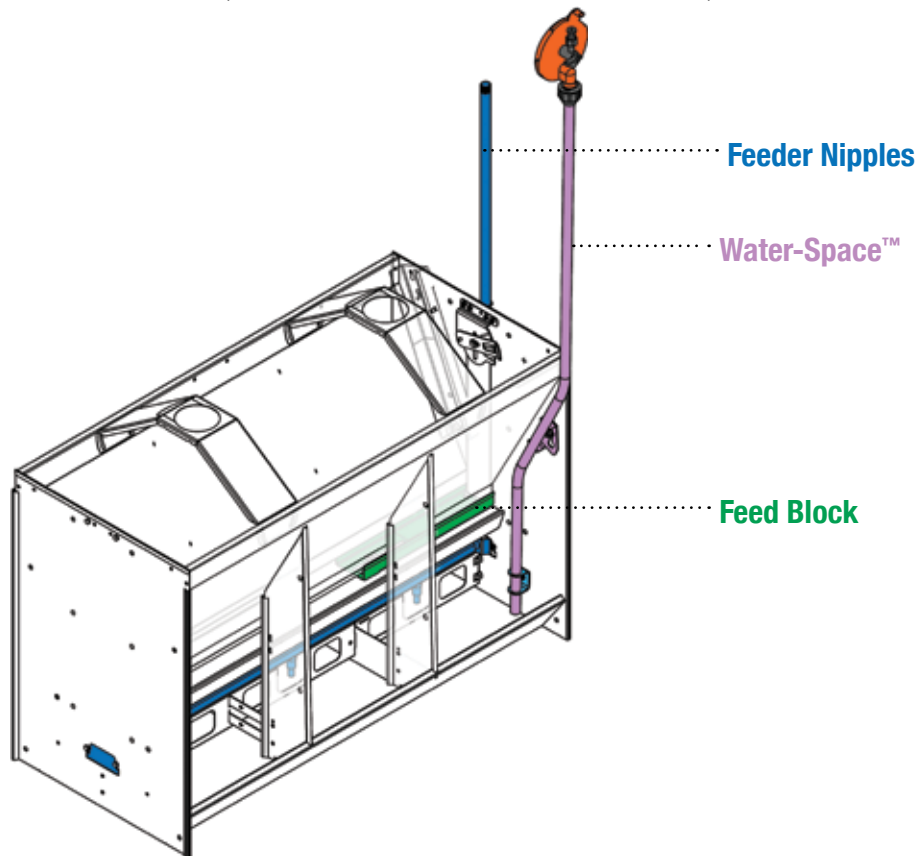
CRYSTAL SPRING
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Pig Age (Days)	Week in Nursery	Pig Weight (lbs)	Water-Space™	Feeder Nipples	Feed Block	Adjustable Shelf	Water Flow (cup/min)	Water Flow (liter/min)
21-27	1	12 (5.4 kgs)	On	Off	In	Low	0	0
28-34	2	14.5 (6.6 kgs)	On	On	In	Low	2.0-2.5	0.6-0.72
35-41	3	19.5 (8.9 kgs)	On	On	In	Low	2.5-3.0	0.72-0.84
42-48	4	25.5 (11.6 kgs)	Off	On	Out	High	3.0-3.5	0.72-0.84
49-55	5	33.5 (15.2 kgs)	Off	On	Out	High	3.0-3.5	0.84-0.84
56-62	6	42.5 (19.3 kgs)	Off	On	Out	High	3.5-4.0	0.84-0.96
63-70	7	54 (24.5 kgs)	Off	On	Out	High	3.5-4.0	0.84-0.96

Auxiliary water nipple use is at the discretion of individual producers; however research indicates maximum performance is achieved without them.



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