

Installation and Operation Manual



Aquamaster

CB-1400E

Serial Number: 842-1216

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Model	Aquamaster CB-1400E
Canopy	Full-Access, lift-off, 3/16" fiberglass composite, half of machine, 1 segment
Conveyor tunnel capacity	14" W x 6" H
Load/unload height	34.25" (nominal)
Wash	
Spray zone length	24"
Tank capacity	160 gallons
Tank construction	12 gauge, Type 304 stainless steel
Pump brand/model	Scot, model 16
Pump type	Horizontal cast iron
Pump HP/RPM	3 HP/ 3500 RPM
Pump GPM/pressure	50 GPM @ 40 PSI
Pump serial number	1616954
Nozzle type/quantity	<u>Upper Wash Manifold A</u> (10) Bex #1/8 GS1514 (5) BEX #1/8F0020 <u>Upper Wash Manifold B</u> (10) Bex #1/8 GS1514 (5) BEX #1/8F0020 <u>Bottom Wash Manifold</u> (8) Flat V, 80deg, 303 SS
Overflow	1-1/2" NPT (male)
Drain	2" NPT (male)
Fill inlet	3/4" NPT (female)
Fill solenoid	3/4" Granzow
Level control	Stainless Steel, 3-position float-type with high water shut off
Solution heat/capacity	Electric, 54 kW (3 @ 18 kW), Watlow Firebar immersion heaters
Blowoff (Ambient)	
Blowoff length	24"
Blowoff construction	12 gauge, Type 304 stainless steel
Blower brand/type	New York Blower / 1708 Aluminum
Blower HP/RPM	5 HP / 3500 RPM
Blower capacity	789 CFM @ 18" WC
Blower serial number	2017-01294-01
High velocity air knives, qty.	(2) upper (2) lower
Conveyor (Belt)	
Drive type	D.C.
Belt type	14" / 1" x 1", flat wire, stainless steel
Conveyor support	1.90" O.D., stainless steel rollers
Chain type	Stainless steel attachment
Model number	Leeson - M1760021.00
Drive HP/speed range	1/8 HP / 1-6 FPM

1.0

Machine Description – Detailed as Ordered

Controls

Motor starters/type	Allen-Bradley, IEC
Temperature controls	Omron, digital
Switches	Allen-Bradley
Voltage	480V / 3PH / 60HZ
Amp draw	84.3 FLA
Disconnect size/type	100A fused at 100A

Accessories

Mist collector	
Brand/type	Losma, Darwin 2000M-SS
Motor HP/RPM	3 HP / 3400 RPM
Rating	1800 CFM @ 1" SP
Serial number	6370 2016
Micro filtration (wash)	Pump discharge, single, stainless steel, 8"x15"
Filter bags	100 micron
Contamination sensor (wash)	Allen-Bradley, 175 PSI max
Chemical injection system	MiniDos/DosMatic
Type	.07-10 GPM max, 6-100 PSI, 2%-10% feed ratio