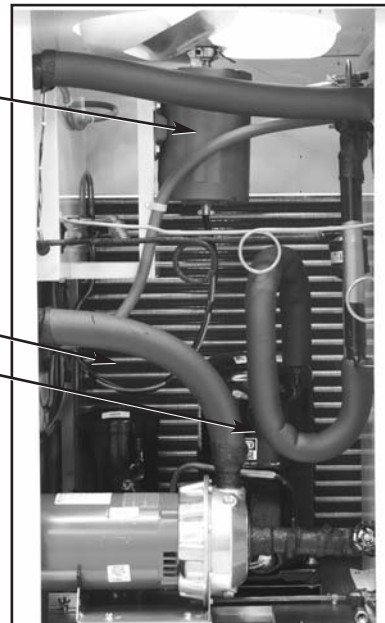


Exclusive TrueTon™ Air Cooled Mold Chillers

Available **ONLY** from IMS

How they're put together:

- Commercially available parts arranged for easy access and service
- Thermally protected fan motors oversized for good air movement, long life, and low noise
- Heavy duty heat exchangers provide good heat transfer and corrosion resistance. Their design incorporates high turbulence and high-flow rates, eliminating need for antifreeze down to 35°F.
- Fully insulated, double-wall reservoirs are stainless steel to resist corrosion. Their large size promotes energy efficiency — no hot gas bypass.
- Large condensers are efficient at ambient plant temperatures to 95° F.
- Well-known Tecumseh compressors are built for heavy duty industrial use. Scroll compressors are standard on all chillers 7.5 ton and larger.



Top Fill Tank Port
(not shown)
STANDARD
(up to 7½ ton)

High capacity fan (rated at 40-85 decibels with an air flow of 800 cfm per ton) motors exhaust hot air upwards for a cooler work environment

Fan shroud

Discharge Pressure Gauge
STANDARD

Thermostat allows refrigeration system to cycle automatically

Expanded Electronic Controls with large discharge and return displays, low coolant warning light, high temperature alarm, separate compressor and pump switches
STANDARD

24 VAC control circuit



Stainless steel pump, amply sized — delivers 100% of rated output

Tank fluid-level indicator

Water return and discharge connections

Powder coating provides a durable finish

Casters
STANDARD
(up to 5 ton)

OVERVIEW

IMS TrueTon™ Air Cooled Mold Chillers suit systems requiring a closed loop, chilled water system. Use these chillers to eliminate mold temperature variations and to mold better parts in less time with fewer rejects. These chillers provide one full ton of cooling (12,000 BTU/hr)

with 44° F water at 95° F ambient temperature (based on ARI standards). All IMS chillers include a low reservoir warning light, a discharge pressure gauge and expanded electronic controls, which are optionally available as remote controls for mounting away from the chiller.



www.imscompany.com

phone order toll-free
(USA & Canada)

1.800.537.5375

fax order toll-free (USA & Canada)

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tech support toll-free (USA & Canada)

e-mail

1.888.288.6900

001.888.304.1307

1.866.467.9001

sales@imscompany.com



IMS TrueTon™ Air Cooled Mold Chillers

1/2 to 3 Ton



Specifications and Prices					
Tons	1/2	1	1 1/2	2	3
Item #	108061	106317	119643	120470	106318
(Voltage)	(115/60/1)	(230/60/3)	(230/60/3)	(230/60/3)	(230/60/3)
Item #	114563	106312	119656	120468	
(Voltage)	(230/60/1)	(460/60/3)	(460/60/3)	(460/60/3)	
BTU per hr.	6,000	12,000	18,000	24,000	36,000
Tank Size	20 gals.	20 gals.	20 gals.	45 gals.	45 gals.
Cabinet Size	26.5"w × 32.5"d × 34.25"h	26.5"w × 32.5"d × 34.25"h	27"w × 32"d × 34"h	30.25"w × 46"d × 42.25"h	30.25"w × 46"d × 42.25"h
Weight	400 lbs.	432 lbs.	460 lbs.	675 lbs.	700 lbs.
Amperage	30.0 (115/60/1) 15.0 (230/60/1)	20.0 (230/60/3) [†] 10.0 (460/60/3)	11.0 (230/60/3) [†] 6.0 (460/60/3)	25.0 (230/60/3) [†] 15.0 (460/60/3)	25.0 (230/60/3) [†] 15.0 (460/60/3)
Pump hp/ Flow at Pressure	1/2 / 20 gpm at 24.8 psi	1/2 / 20 gpm at 24.8 psi	1/2 / 20 gpm at 24.8 psi	1 / 30 gpm at 38 psi	1 / 30 gpm at 38 psi
Inlet/Outlet Fittings	1" N.P.T.	1" N.P.T.	1" N.P.T.	1" N.P.T.	1" N.P.T.
Refrigerant (R-22)	2 1/2 lbs.	3 1/2 lbs.	4 1/2 lbs.	8 lbs.	10 lbs.
Prices	\$3,400	\$4,400	\$5,400	\$7,400	\$7,600

[†] 230/60/3 units can be run at 208/60/3; Amperage increases 6%.

Nonstock models, larger sizes, other voltages and water cooled units — allow 2-4 weeks for delivery

Optional Accessories	Prices [†]
Electronic Remote Control Unit with 100' cable (for indoor use only)	\$500
Automatic Water Level Control	350

[†] When purchased with chiller

For Waterline Hose see pages 569-573

NEW Mold Chiller Flushing Fluid

Removes scale and deposits from chiller components

- Decreases cycle times – improves flow and heat transfer in water and glycol systems
- Use in 1% to 2% concentration in water

Item No.	Price
138216 (5 gallon pails)	\$237.20



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