

# Cold Shot Chillers

"ECONOMICALLY PRICED DEPENDABILITY"



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## Chiller Sales & Manufacturing - Standard & Custom Designs New & Pre-Owned Chillers and Refrigeration Equipment

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### PROCESS COOLING

#### CHART 1

<b>INJECTION MOLDING</b>	30#/HR H.D. POLYETHYLENE.....	= 1 TON
	35#/HR L.D. POLYETHYLENE/POLYPROPYLENE.....	= 1 TON
	40#/HR NYLON.....	= 1 TON
	50#/HR POLYSTYRENE OR ABS .....	= 1 TON
	65#/HR PVC OR POLYCARBONATE .....	= 1 TON
	70#/HR P.E.T .....	= 1 TON
<b>EXTRUSION</b>	50#/HR POLYETHYLENE OR POLYPROPYLENE.....	= 1 TON
	75#/HR POLYSTYRENE.....	= 1 TON
	80#/HR PVC.....	= 1 TON
<b>BLOW MOLDING</b>	35#/HR POLYOLEFINS .....	= 1 TON

### AUXILIARY EQUIPMENT COOLING

#### CHART 2

AIR COMPRESSOR (NO AFTER COOLER) .....	= 0.16 TON/HP
AIR COMPRESSOR (WITH AFTER COOLER).....	= 0.2 TON/HP
VACUUM PUMP .....	= 0.1 TON/HP
HYDRAULIC COOLING .....	= 0.1 TON/HP
HOT RUNNER MOLD .....	= 0.1 TON/10.5 KW
WATER PUMP IN CIRCUIT .....	= 0.2 TON/HP
FEED THROAT      BELOW 400 TON .....	= 0.5 TON
400 TON MACHINE AND ABOVE .....	= 1.0 TON

### EXTRUDER COOLING

#### CHART 3

GEAR BOX COOLING .....	= 1 TON/100HP
FEED THROAT:    3" SCREW OR LESS .....	= 1 TON
ABOVE 3" SCREW .....	= 2 TONS
BARREL OR SCREW COOLING (PER INCH OF SCREW DIAMETER) .....	= 1 TON/INCH

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