

Cold Shot Chillers

"ECONOMICALLY PRICED DEPENDABILITY"



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

PROCESS COOLING

CHART 1

INJECTION MOLDING	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
EXTRUSION	50#/HR POLYETHYLENE OR POLYPROPYLENE.....	= 1 TON
	75#/HR POLYSTYRENE.....	= 1 TON
	80#/HR PVC.....	= 1 TON
BLOW MOLDING	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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