

# Cold Shot Chillers

"ECONOMICALLY PRICED DEPENDABILITY"



## CHILLER SIZING

### CHART 1

<b>INJECTION</b>	30#/HR H.D.POLYETHYLENE.....	= 1 TON
<b>MOLDING</b>	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

## AUXILLARY EQUIPMENT COOLING

### CHART 2

AIR COMPRESSOR (NO AFTER COOLER).....	= .16 TON/HP
AIR COMPRESSOR (WITH AFER COOLER).....	= .2 TON/HP
VACUUM PUMP.....	= .1 TON/HP
HYDRAULIC COOLING.....	= .1 TON/HP
HOT RUNNER MOLD.....	= .1 TON/10.5 KW
WATER PUMP IN CIRCUIT.....	= .2 TON/HP
FEED THROAT-400 TON MACHINE AND ABOVE.....	= 1 TON
BELOW 400 TON.....	= 1/2 TON

## EXTRUTER 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.....	= 1 TON/INCH OF SCREW DIA.

**Marrone & Co., Inc.**

14020 Interdrive West Houston, Texas 77032 Phone - 800-473-9178 - 281-227-8400 Fax 800-473-9175 - 281-227-8404