



CHILLER REQUIREMENTS IN TONS

	Temperature	Molds	Drive	HYD.	Barrel Cool.	Reducer Cool.	TOTAL	Edward Model No.
2014 120#/HR	50°	3.0	—	1.0	1.5	—	5.5	CC-7
	45°	3.3	—	1.1	1.7	—	6.1	CC-7
	40°	3.8	—	1.2	1.9	—	6.9	CC-10
	35°	4.3	—	1.4	2.1	—	7.8	CC-10
	30°	5.0	—	1.7	2.5	—	9.2	CC-16
250 R1 200#/HR	50°	4.5	—	1.0	2.0	.5	8.0	CC-10
	45°	5.0	—	1.1	2.2	.6	8.9	CC-10
	40°	5.6	—	1.2	2.5	.6	9.9	CC-16
	35°	6.4	—	1.4	2.8	.7	11.3	CC-16
	30°	7.5	—	1.7	3.3	.8	13.3	CC-16
350 R2 75 HP 500#/HR	50°	11.0	3.0	1.0	3.0	.5	18.5	CC-20
	45°	12.2	3.3	1.1	3.3	.6	20.5	CC-30
	40°	13.8	3.8	1.2	3.8	.6	23.2	CC-30
	35°	15.7	4.3	1.4	4.3	.7	26.4	CC-30
	30°	18.3	5.0	1.7	5.0	.8	30.8	CC-40
350 R2 100 HP 600#/HR & 350 R4	50°	13.3	3.5	1.5	4.0	.8	23.1	CC-30
	45°	14.8	3.9	1.7	4.4	.9	25.7	CC-30
	40°	16.6	4.4	1.9	5.0	1.0	28.9	CC-30
	35°	19.0	5.0	2.1	5.7	1.1	32.9	CC-40
	30°	22.1	5.8	2.5	6.7	1.3	38.4	CC-40

CHILLER PUMP REQUIREMENTS (MINIMUM)

	2014	250 R1	350 R2 75 HP	350 R2 100 HP	350 R4
GPM	24	37	70	86	90
PSI	70	70	70	70	70



CHILLER REQUIREMENTS (CLOSED SYSTEM)

Heat Loads	TONS OF REFRIGERATION AT 50° F			
	2014	2015	350 R2	350 R4
Molds	3.0	4.5	11.0	13.5
Drive	—	—	3.0	3.5
Hydraulic	1.0	1.0	1.0	1.5
Barrel Cooling	1.5	2.0	3.0	4.0
Reducer Cooling	—	.5	.5	.8

	MOLDS	TOTAL	MOLDS	TOTAL	MOLDS	TOTAL	MOLDS	TOTAL
@ 50° F	3.0	5.5	4.5	8.0	11.0	18.5	13.5	23.3
@ 45° F	3.3	6.1	5.0	8.9	12.2	20.6	15.0	25.9
@ 40° F	3.8	6.9	5.6	10.0	13.8	23.1	16.9	29.1
@ 35° F	4.3	7.9	6.4	11.4	15.7	26.4	19.3	33.3
@ 30° F	5.0	9.2	7.5	13.3	18.3	30.8	22.5	38.8

CHILLER PUMP REQUIREMENTS (INCLUDING MOLDS)

	2014	2015	350 R2	350 R4	350 R5
GPM	24	37	70	90	90
PSI	65	65	65	65	65



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