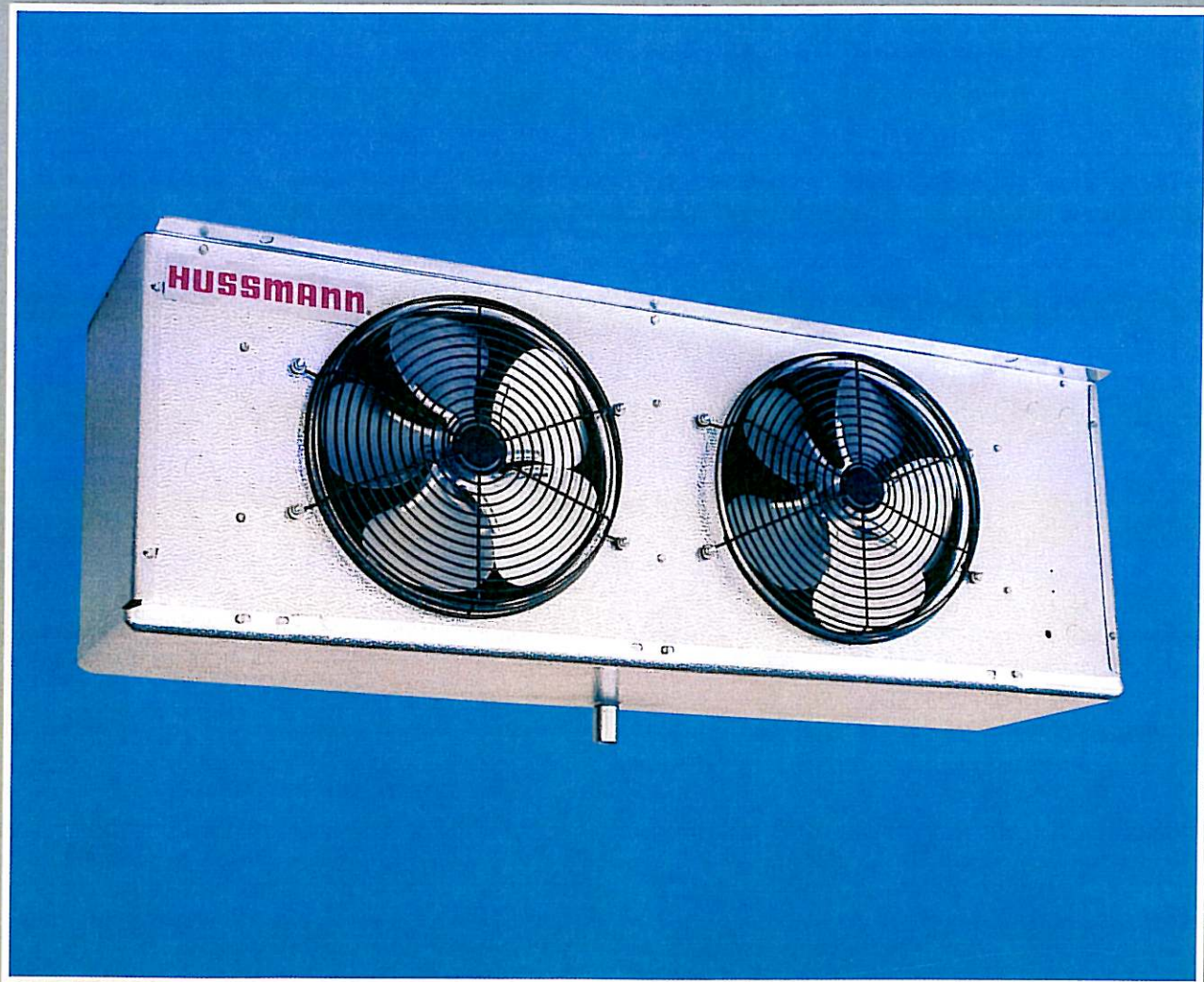


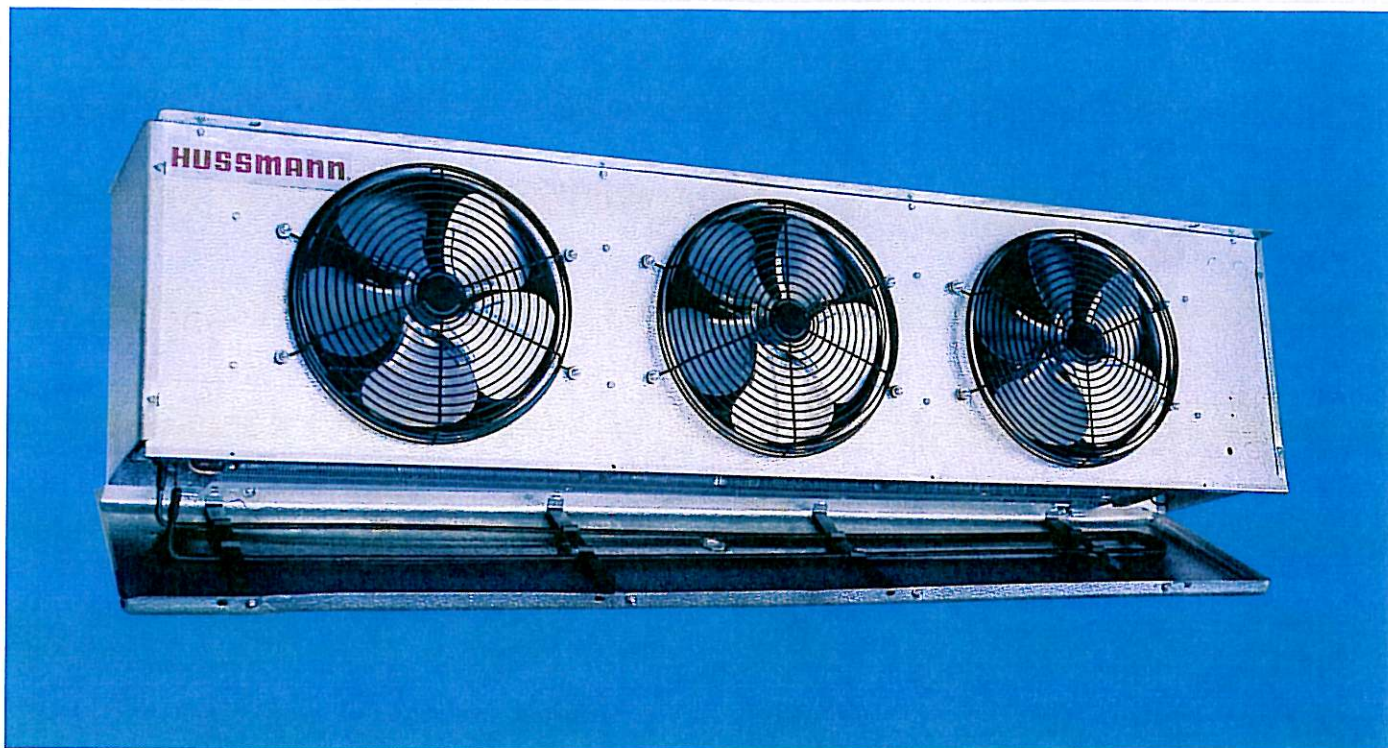
HC Series Compact Unit Coolers



Compact units with 4, 6 or 8 fins /inch and high performance 12-inch fans.
Broad capacity range from 3,900 to 37,200 BTUH at 10TD.

HUSSMANN®

Compact, easy to maintain unit coolers for today's and tomorrow's refrigerants



Compact

Low headroom walk-in coolers and freezers call for a special breed of unit coolers. The new Hussmann HC Series is specially designed with a low silhouette that fits flush to the ceiling. You get more usable storage space for every walk-in application.

Efficient, Easy to Maintain

The HC Series is also specially constructed for high efficiency and ease of maintenance. Fifty-five models in a wide range of capacities from 3,900 to 37,200 BTUH feature 12-inch fans for more CFM per unit. Expertly crafted aluminum cabinets and drain pans are designed with easy-to-clean radiused corners.

Flexibly Designed for Tomorrow's Refrigerants

Designed to be exceptionally flexible for today's applications and tomorrow's, HC Series coils are specially circuited for applica-

tions with new refrigerants as well as R-22. Distributors with interchangeable nozzle orifices optimize performance with all refrigerants.

Standard Features

- More models to precisely and economically meet super-market application needs
- Pressurized, sealed coils with heavy-walled copper tube and rippled full collar aluminum fins
- Compact, flush-mounted cabinets use only 15-3/4 inches of headroom
- Air, electric or gas defrost
- 12-inch fans for optimum air volume and uniform air delivery
- Permanently lubricated, thermally protected motors
- Die-formed patterned aluminum cabinet and drain pan with easy-to-clean radius corners
- Electric defrost models feature

efficient coil face heaters, drain pan heaters and a safety thermostat

- Factory wired fan and defrost controls with convenient terminal strips
- All models UL/c UL and UL classified to NSF standards
- Rugged protective shipping carton exceeds transit specifications

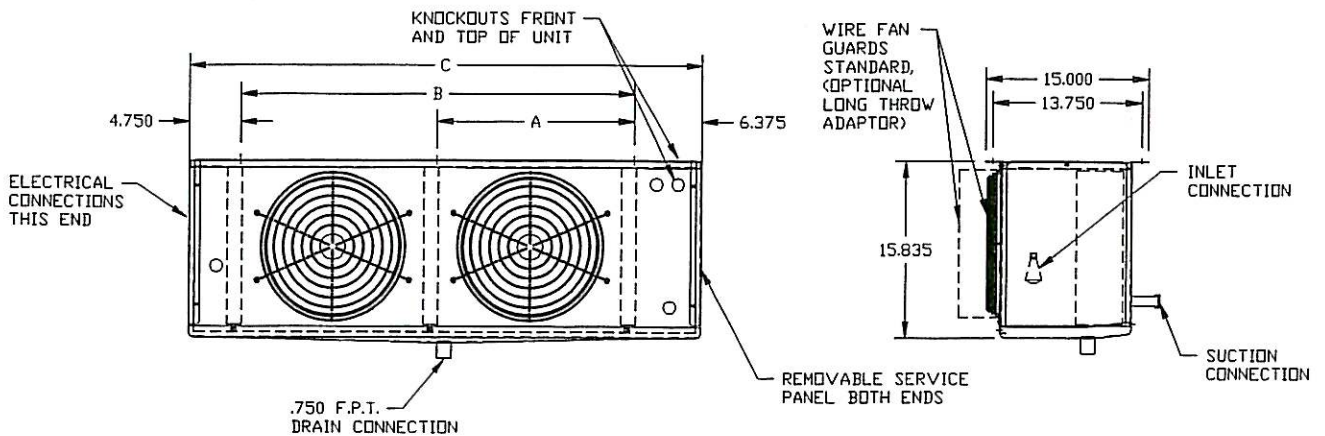
Options & Accessories

- 115, 230 or 460 volt, single phase motors
- High efficiency 115 or 230 volt PSC motors
- Installed TX valve
- Long air throw adapter
- Polyester fin coating (6 & 8 FPI air or gas defrost only)
- Wiring scheme for Protocol and electronic control systems

Specifications/Physical Data

MODELS			TXV TYPE	REFRIG CONNECTIONS			NO OF HANGER	DIMENSIONS (IN)			SHIP WT (LBS)
AIR DEFROST	ELECT. DEFROST	HOT GAS DEFROST		LIQUID	SUCTION	HG		A	B	C	
	HC4E-042	HC4*-042	EXT	1/2 ODS	5/8 ODS	1/2 ODS	4		18	29-1/8	45
	HC4E-068	HC4*-068	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		27	38-1/8	65
	HC4E-084	HC4*-084	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		36	47-1/8	75
	HC4E-099	HC4*-099	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		54	65-1/8	105
	HC4E-126	HC4*-126	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		54	65-1/8	115
	HC4E-133	HC4*-133	EXT	1/2 ODS	1-1/8 ODS	1/2 ODS	6	36	72	83-1/8	135
	HC4E-168	HC4*-168	EXT	1/2 ODS	1-1/8 ODS	1/2 ODS	6	36	72	83-1/8	150
	HC4E-210	HC4*-210	EXT	1/2 ODS	1-1/8 ODS	1/2 ODS	6	54	90	101-1/8	230
	HC4E-252	HC4*-252	EXT	5/8 ODS	1-1/8 ODS	1/2 ODS	6	54	108	119-1/8	245
HC6A-045	HC6E-039	HC6*-039	EXT†	1/2 ODS	5/8 ODS	1/2 ODS	4		18	29-1/8	50
HC6A-056			INT	1/2 ODS	5/8 ODS		4		18	29-1/8	55
HC6A-076	HC6E-063	HC6*-063	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		27	38-1/8	75
HC6A-090			EXT	1/2 ODS	7/8 ODS		4		36	47-1/8	80
HC6A-111	HC6E-094	HC6*-094	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		36	47-1/8	90
HC6A-135	HC6E-117	HC6*-117	EXT	1/2 ODS	7/8 ODS	1/2 ODS	4		54	65-1/8	115
HC6A-166	HC6E-140	HC6*-140	EXT	1/2 ODS	1-1/8 ODS	1/2 ODS	4		54	65-1/8	125
HC6A-180	HC6E-156	HC6*-156	EXT	1/2 ODS	1-1/8 ODS	1/2 ODS	6	36	72	83-1/8	145
HC6A-222	HC6E-187	HC6*-187	EXT	1/2 ODS	1-1/8 ODS	1/2 ODS	6	36	72	83-1/8	160
HC6A-278			EXT	1/2 ODS	1-1/8 ODS		6	54	90	101-1/8	250
	HC6E-234	HC6*-234	EXT	5/8 ODS	1-1/8 ODS	1/2 ODS	6	54	90	101-1/8	250
HC6A-333	HC6E-281	HC6*-281	EXT	5/8 ODS	1-3/8 ODS	1/2 ODS	6	54	108	119-1/8	270
HC8A-050			INT	1/2 ODS	5/8 ODS		4		18	29-1/8	50
HC8A-062			INT	1/2 ODS	5/8 ODS		4		18	29-1/8	55
HC8A-086			EXT	1/2 ODS	7/8 ODS		4		27	38-1/8	65
HC8A-100			EXT	1/2 ODS	7/8 ODS		4		36	47-1/8	70
HC8A-124			EXT	1/2 ODS	7/8 ODS		4		36	47-1/8	80
HC8A-150			EXT	1/2 ODS	7/8 ODS		4		54	65-1/8	110
HC8A-186			EXT	1/2 ODS	1-1/8 ODS		4		54	65-1/8	125
HC8A-248			EXT	1/2 ODS	1-1/8 ODS		6	36	72	83-1/8	160
HC8A-310			EXT	1/2 ODS	1-1/8 ODS		6	54	90	101-1/8	230
HC8A-372			EXT	5/8 ODS	1-3/8 ODS		6	54	108	119-1/8	275

†Model HC6A-045 may use internal equalized expansion valve.



Unit Selection

AIR DEFROST – CAPACITIES & ELECTRICAL DATA

MODEL NO.	CAP- BTUH 10°F TD	CFM	FAN MOTOR PERFORMANCE-AMPS, 1 PHASE							
			STANDARD MOTOR				OPTIONAL PSC MOTOR			
			115V	208/230V	460V	WATTS	115V	208/230-460V	115V	208/230V
HC6A-045	4,500	820	2.1	1.1	0.6	140	100	0.7	0.4	50
HC6A-056	5,600	800	2.1	1.1	0.6	140	100	0.7	0.4	50
HC6A-076	7,600	1,530	4.2	2.2	1.2	280	200	1.4	0.8	100
HC6A-090	9,000	1,640	4.2	2.2	1.2	280	200	1.4	0.8	100
HC6A-111	11,100	1,600	4.2	2.2	1.2	280	200	1.4	0.8	100
HC6A-135	13,500	2,460	6.3	3.3	1.8	420	300	2.1	1.2	150
HC6A-166	16,600	2,400	6.3	3.3	1.8	420	300	2.1	1.2	150
HC6A-180	18,000	3,280	8.4	4.4	2.4	560	400	2.8	1.6	200
HC6A-222	22,200	3,200	8.4	4.4	2.4	560	400	2.8	1.6	200
HC6A-278	27,800	4,000	10.5	5.5	3.0	700	500	3.5	2.0	250
HC6A-333	33,300	4,800	12.6	6.6	3.6	840	600	4.2	2.4	300
HC8A-050	5,000	790	2.1	1.1	0.6	140	100	0.7	0.4	50
HC8A-062	6,200	760	2.1	1.1	0.6	140	100	0.7	0.4	50
HC8A-086	8,600	1,500	4.2	2.2	1.2	280	200	1.4	0.8	100
HC8A-100	10,000	1,580	4.2	2.2	1.2	280	200	1.4	0.8	100
HC8A-124	12,400	1,520	4.2	2.2	1.2	280	200	1.4	0.8	100
HC8A-150	15,000	2,370	6.3	3.3	1.8	420	300	2.1	1.2	150
HC8A-186	18,600	2,280	6.3	3.3	1.8	420	300	2.1	1.2	150
HC8A-248	24,800	3,040	8.4	4.4	2.4	560	400	2.8	1.6	200
HC8A-310	31,000	3,800	10.5	5.5	3.0	700	500	3.5	2.0	250
HC8A-372	37,200	4,560	12.6	6.6	3.6	840	600	4.2	2.4	300

ELECTRIC DEFROST – CAPACITIES & ELECTRICAL DATA

MODEL NO.	CAP-BTUH@10°F TD		CFM	FAN MOTOR PERFORMANCE-AMPS, 1 PHASE						DEFROST HEATER PERFORMANCE		
	-25°F	+20°F		STANDARD MOTOR			OPTIONAL PSC			ELECTRIC DEFROST AMPS		
				208/230V	460V	WATTS	208/230V	WATTS	WATTS	230/1	230/3	460/1
HC4E-042	4,200	4,850	830	1.1	0.6	100	0.4	50	1,000	4.4	2.9	2.2
HC4E-068	6,800	8,100	1,570	2.2	1.2	200	0.8	100	1,600	7.0	4.6	3.5
HC4E-084	8,400	9,700	1,660	2.2	1.2	200	0.8	100	2,000	8.8	5.8	4.4
HC4E-099	9,900	11,700	2,550	3.3	1.8	300	1.2	150	3,000	13.2	8.7	6.6
HC4E-126	12,600	14,550	2,490	3.3	1.8	300	1.2	150	3,000	13.2	8.7	6.6
HC4E-133	13,300	15,800	3,400	4.4	2.4	400	1.6	200	4,000	17.6	11.6	8.8
HC4E-168	16,800	19,400	3,320	4.4	2.4	400	1.6	200	4,000	17.6	11.6	8.8
HC4E-210	21,000	24,250	4,150	5.5	3.0	500	2.0	250	5,000	22.0	14.5	11.0
HC4E-252	25,200	29,100	4,980	6.6	3.6	600	2.4	300	6,000	26.4	17.4	13.2
HC6E-039	3,900	4,500	820	1.1	0.6	100	0.4	50	1,000	4.4	2.9	2.2
HC6E-063	6,300	7,600	1,550	2.2	1.2	200	0.8	100	1,600	7.0	4.6	3.5
HC6E-094	9,400	11,100	1,600	2.2	1.2	200	0.8	100	2,000	8.8	5.8	4.4
HC6E-117	11,700	13,500	2,460	3.3	1.8	300	1.2	150	3,000	13.2	8.7	6.6
HC6E-140	14,000	16,600	2,400	3.3	1.8	300	1.2	150	3,000	13.2	8.7	6.6
HC6E-156	15,600	18,500	3,280	4.4	2.4	400	1.6	200	4,000	17.6	11.6	8.8
HC6E-187	18,700	22,200	3,200	4.4	2.4	400	1.6	200	4,000	17.6	11.6	8.8
HC6E-234	23,400	27,800	4,000	5.5	3.0	500	2.0	250	5,000	22.0	14.5	11.0
HC6E-281	28,100	33,300	4,800	6.6	3.6	600	2.4	300	6,000	26.4	17.4	13.2

Unit Selection

HOT GAS DEFROST – CAPACITIES & ELECTRICAL DATA

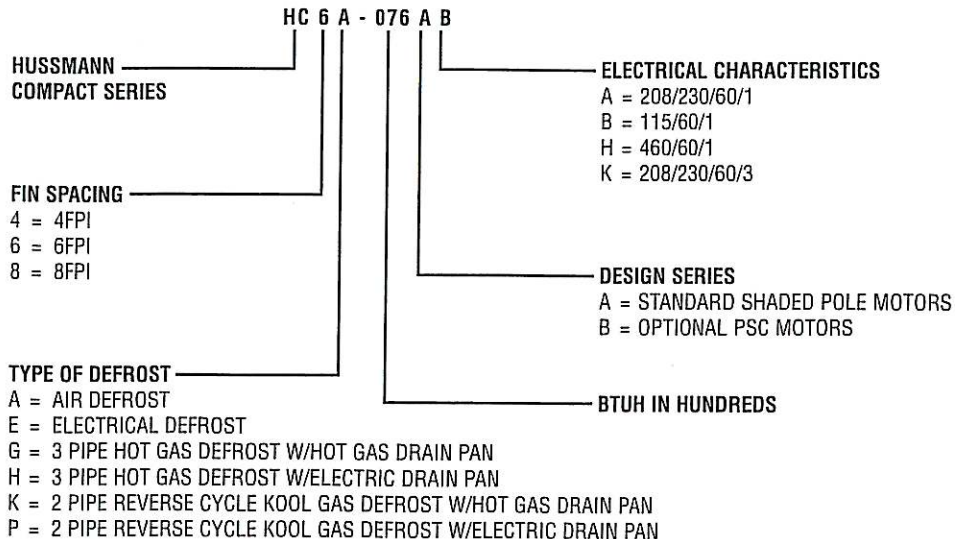
MODEL NO.	CAP-BTUH@10°F TD		CFM	FAN MOTOR PERFORMANCE-AMPS, 1 PHASE								DRAIN PAN HEATER		
	-25°F	+20°F		STANDARD MOTOR				OPTIONAL PSC MOTOR				AMPS		
				115V	WATTS	208/230V	460V	WATTS	115V	208/230V	WATTS	WATTS	115/1	230/1
HC4*-042	4,200	4,850	830	2.1	140	1.1	0.6	100	0.7	0.4	50	300	2.6	1.3
HC4*-068	6,800	8,100	1,570	4.2	280	2.2	1.2	200	1.4	0.8	100	500	4.4	2.2
HC4*-084	8,400	9,700	1,660	4.2	280	2.2	1.2	200	1.4	0.8	100	600	5.2	2.6
HC4*-099	9,900	11,700	2,550	6.3	420	3.3	1.8	300	2.1	1.2	150	800	7.0	3.5
HC4*-126	12,600	14,550	2,490	6.3	420	3.3	1.8	300	2.1	1.2	150	800	7.0	3.5
HC4*-133	13,300	15,800	3,400	8.4	560	4.4	2.4	400	2.8	1.6	200	1,000	8.7	4.4
HC4*-168	16,800	19,400	3,320	8.4	560	4.4	2.4	400	2.8	1.6	200	1,000	8.7	4.4
HC4*-210	21,000	24,250	4,150	10.5	700	5.5	3.0	500	3.5	2.0	250	1,100	9.6	4.8
HC4*-252	25,200	29,100	4,980	12.6	840	6.6	3.6	600	4.2	2.4	300	1,400	12.2	6.1
HC6*-039	3,900	4,500	820	2.1	140	1.1	0.6	100	0.7	0.4	50	300	2.6	1.3
HC6*-063	6,300	7,600	1,550	4.2	280	2.2	1.2	200	1.4	0.8	100	500	4.4	2.2
HC6*-094	9,400	11,100	1,600	4.2	280	2.2	1.2	200	1.4	0.8	100	600	5.2	2.6
HC6*-117	11,700	13,500	2,460	6.3	420	3.3	1.8	300	2.1	1.2	150	800	7.0	3.5
HC6*-140	14,000	16,600	2,400	6.3	420	3.3	1.8	300	2.1	1.2	150	800	7.0	3.5
HC6*-156	15,600	18,500	3,280	8.4	560	4.4	2.4	400	2.8	1.6	200	1,000	8.7	4.4
HC6*-187	18,700	22,200	3,200	8.4	560	4.4	2.4	400	2.8	1.6	200	1,000	8.7	4.4
HC6*-234	23,400	27,800	4,000	10.5	700	5.5	3.0	500	3.5	2.0	250	1,100	9.6	4.8
HC6*-281	28,100	33,300	4,800	12.6	840	6.6	3.6	600	4.2	2.4	300	1,400	12.2	6.1

* FOR 3 PIPE HOT GAS WITH GAS PAN LOOP USE "G"
 FOR 3 PIPE HOT GAS WITH ELECTRIC PAN HEATERS USE "H"
 FOR 2 PIPE REVERSE CYCLE KOOL GAS DEFROST WITH GAS PAN LOOP USE "K"
 FOR 2 PIPE REVERSE CYCLE KOOL GAS DEFROST WITH ELECTRIC PAN HEATERS USE "P"

CAPACITY MULTIPLIER FACTORS

SUCTION TEMPERATURE	MULTIPLIER
-30°F	.975
-25°F	1.000
-20°F	1.025
-15°F	1.050
-10°F	1.075

MODEL NUMBERING SYSTEM



HUSSMANN[®]

LEADERSHIP IN
FOOD STORE SYSTEMS.

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