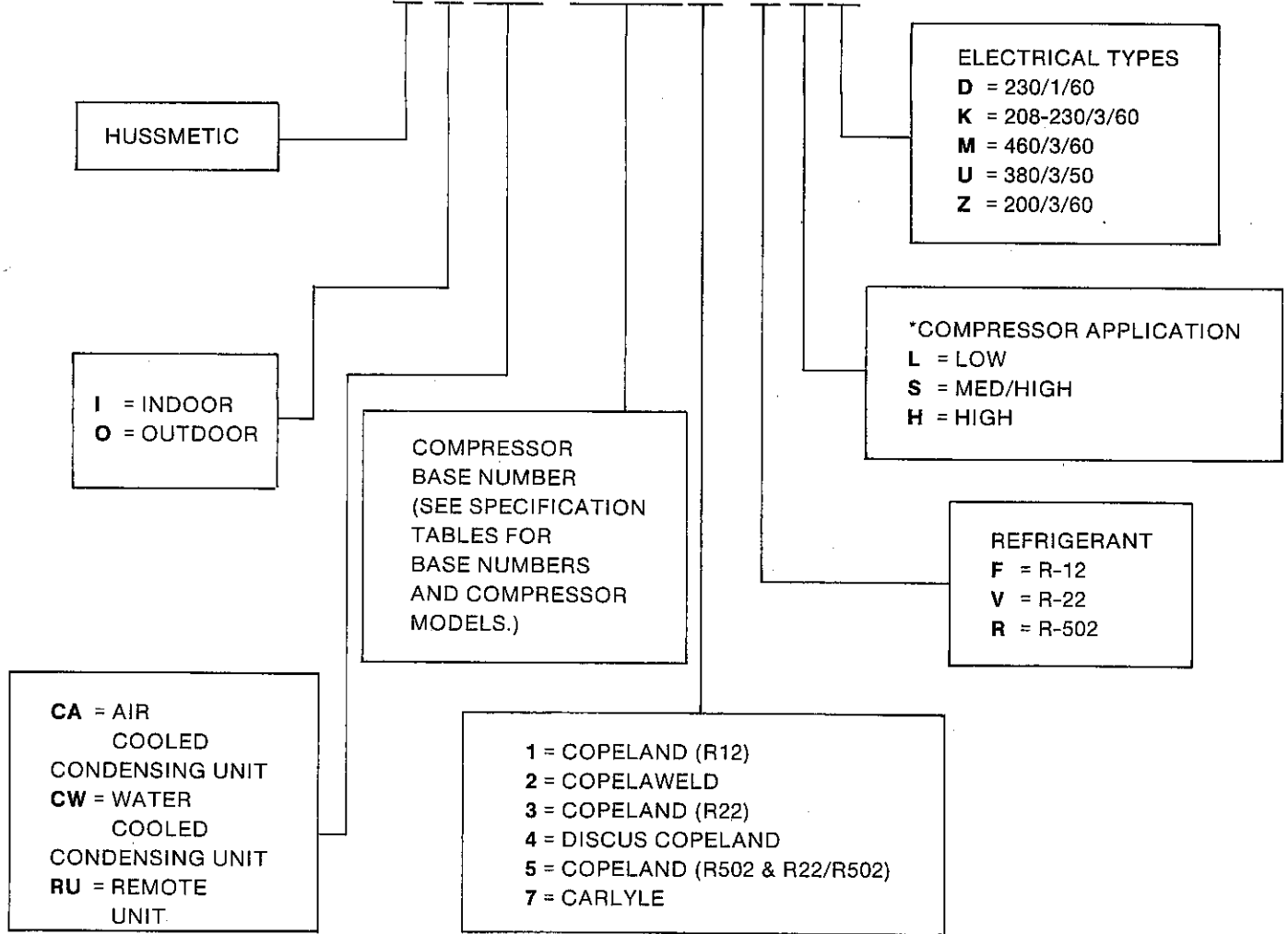


PRODUCT CODE

HXXX-XXXX-XXX



*SEE CAPACITY TABLES FOLLOWING FOR ACTUAL TEMPERATURE RANGE

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R502 LOW TEMPERATURE

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
0095RL COMPR. MODEL KAJ-0100	-15	5410	.93	5120	.94	4830	.94	4540	.95	4260	.96	3990	.97
	-20	4680	.86	4420	.87	4160	.87	3900	.87	3650	.88	3400	.88
	-25	4020	.80	3780	.80	3550	.80	3320	.80	3100	.80	2870	.80
	-30	3420	.74	3210	.73	3010	.73	2800	.73	2600	.72	2390	.72
	-35	2890	.67	2710	.67	2520	.66	2340	.65	2150	.65	1960	.64
-40	2430	.62	2270	.61	2100	.60	1930	.59	1760	.58	1580	.57	
0145RL COMPR. MODEL KAL-0150	-15	7610	1.40	7180	1.40	6750	1.41	6310	1.42	5880	1.42	5450	1.43
	-20	6560	1.30	6180	1.31	5800	1.31	5420	1.31	5040	1.32	4660	1.32
	-25	5640	1.22	5300	1.22	4970	1.22	4630	1.22	4290	1.22	3960	1.22
	-30	4840	1.14	4540	1.14	4240	1.13	3940	1.13	3640	1.13	3340	1.12
	-35	4140	1.07	3880	1.06	3610	1.06	3340	1.05	3070	1.04	2800	1.04
-40	3540	1.01	3300	1.00	3050	.99	2810	.98	2570	.97	2330	.96	
0165RL COMPR. MODEL EAA-0150	-15	8410	1.48	7920	1.49	7430	1.50	6940	1.51	6450	1.52	5950	1.53
	-20	7290	1.37	6850	1.37	6400	1.38	5950	1.38	5500	1.38	5050	1.39
	-25	6230	1.26	5830	1.26	5430	1.26	5020	1.25	4610	1.25	4200	1.25
	-30	5240	1.16	4890	1.15	4520	1.14	4150	1.13	3780	1.13	3410	1.12
	-35	4320	1.05	4000	1.04	3680	1.03	3350	1.01	3010	1.00	2670	.99
-40	3460	.96	3180	.94	2890	.92	2600	.90	2310	.88	2000	.87	
0215RL COMPR. MODEL EAV-0200	-15	10900	1.95	10400	1.96	9890	1.98	9400	1.99	8910	2.01	8430	2.02
	-20	9570	1.81	9090	1.81	8610	1.82	8140	1.83	7660	1.83	7190	1.84
	-25	8340	1.67	7880	1.66	7420	1.66	6960	1.66	6510	1.66	6050	1.66
	-30	7190	1.53	6750	1.52	6320	1.51	5880	1.50	5440	1.49	5010	1.48
	-35	6140	1.39	5720	1.37	5300	1.36	4890	1.34	4470	1.32	4050	1.31
-40	5170	1.25	4770	1.23	4370	1.20	3980	1.18	3590	1.15	3200	1.13	
0315RL COMPR. MODEL LAH-0310	-15	16600	2.82	15600	2.84	14600	2.85	13700	2.86	12700	2.87	11800	2.88
	-20	14100	2.61	13200	2.61	12400	2.61	11500	2.62	10600	2.62	9780	2.62
	-25	11900	2.39	11100	2.38	10400	2.38	9570	2.37	8780	2.37	7990	2.36
	-30	10100	2.17	9330	2.16	8590	2.15	7850	2.13	7110	2.12	6370	2.11
	-35	8470	1.96	7760	1.94	7050	1.92	6330	1.90	5620	1.88	4910	1.86
-40	7080	1.76	6380	1.73	5690	1.70	4990	1.67	4290	1.64	3600	1.61	
0325RL COMPR. MODEL LAL-0310	-15	20300	3.43	19300	3.47	18300	3.50	17200	3.53	16100	3.55	15000	3.57
	-20	17600	3.18	16600	3.20	15700	3.22	14700	3.23	13700	3.24	12700	3.24
	-25	15000	2.93	14200	2.94	13300	2.94	12400	2.94	11500	2.93	10600	2.92
	-30	12700	2.68	11900	2.67	11100	2.66	10300	2.64	9500	2.62	8650	2.59
	-35	10600	2.43	9940	2.41	9210	2.38	8470	2.35	7710	2.31	6940	2.26
-40	8810	2.18	8160	2.15	7500	2.11	6830	2.06	6140	2.00	5430	1.93	
0335RL COMPR. MODEL LAC-0310	-15	—	—	—	—	—	—	—	—	—	—	—	—
	-20	16300	3.39	15500	3.41	14700	3.44	13900	3.46	13200	3.49	12400	3.51
	-25	14200	3.14	13500	3.15	12800	3.17	12100	3.18	11400	3.20	10700	3.21
	-30	12300	2.89	11700	2.89	11000	2.90	10400	2.90	9740	2.91	9090	2.91
	-35	10500	2.65	9940	2.64	9320	2.64	8710	2.63	8090	2.62	7480	2.62
-40	8890	2.42	8300	2.41	7700	2.39	7110	2.37	6520	2.35	5920	2.33	
0495RL COMPR. MODEL MRA-0500	-15	25800	4.74	24500	4.78	23200	4.82	21900	4.86	20600	4.91	19300	4.95
	-20	22300	4.42	21100	4.44	20000	4.46	18800	4.49	17600	4.51	16500	4.53
	-25	19200	4.10	18200	4.10	17100	4.10	16000	4.10	15000	4.10	13900	4.10
	-30	16600	3.76	15600	3.74	14600	3.72	13600	3.70	12600	3.68	11500	3.66
	-35	14200	3.41	13300	3.37	12400	3.33	11400	3.29	10400	3.24	9430	3.20
-40	12300	3.04	11400	2.98	10500	2.92	9530	2.86	8560	2.80	7570	2.74	

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 6% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R502 LOW TEMPERATURE (Continued)

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
0515RL COMPR. MODEL MRB-0500	-15	29600	5.16	28200	5.23	26800	5.31	25400	5.38	24000	5.45	22500	5.53
	-20	26100	4.85	24800	4.89	23400	4.93	22100	4.97	20700	5.01	19400	5.05
	-25	22800	4.51	21500	4.52	20200	4.53	18900	4.54	17700	4.55	16400	4.55
	-30	19600	4.14	18400	4.12	17200	4.10	16000	4.08	14800	4.05	13600	4.03
	-35	16500	3.75	15400	3.69	14300	3.64	13200	3.59	12100	3.53	11000	3.48
0705RL COMPR. MODEL 9RJ-0765	-40	13600	3.32	12600	3.24	11600	3.15	10600	3.07	9630	2.98	8610	2.90
	-15	34200	5.90	32500	5.94	30700	5.98	28900	6.01	27000	6.03	25100	6.03
	-20	29500	5.48	28000	5.50	26300	5.51	24600	5.51	22900	5.50	21200	5.48
	-25	25200	5.05	23800	5.05	22300	5.04	20700	5.01	19200	4.98	17600	4.93
	-30	21400	4.62	20000	4.60	18600	4.56	17200	4.51	15800	4.44	14300	4.36
0715RL COMPR. MODEL 9RB-0765	-35	17900	4.19	16600	4.14	15400	4.07	14100	3.99	12700	3.90	11400	3.79
	-40	14800	3.75	13600	3.67	12500	3.58	11300	3.47	10100	3.35	8840	3.21
	-15	40000	7.34	37900	7.40	35700	7.45	33600	7.51	31400	7.57	29300	7.63
	-20	35300	6.88	33300	6.90	31400	6.92	29400	6.94	27400	6.96	25500	6.99
	-25	31100	6.41	29300	6.40	27500	6.39	25700	6.37	23900	6.36	22100	6.34
0915RL COMPR. MODEL 9RS-0765	-30	27400	5.94	25700	5.90	24100	5.85	22400	5.79	20800	5.74	19200	5.69
	-35	24000	5.47	22500	5.39	21000	5.30	19600	5.21	18100	5.12	16600	5.03
	-40	21000	5.00	19700	4.88	18300	4.75	17000	4.63	15700	4.50	14400	4.38
	-15	50700	8.84	48000	8.90	45300	8.97	42600	9.02	39900	9.08	37200	9.14
	-20	44600	8.18	42100	8.22	39600	8.25	37100	8.29	34600	8.32	32100	8.35
1315RL COMPR. MODEL 4RA-1000	-25	38900	7.51	36600	7.52	34300	7.53	32000	7.54	29700	7.54	27400	7.55
	-30	33400	6.83	31300	6.82	29200	6.80	27100	6.78	25100	6.76	23000	6.73
	-35	28100	6.15	26300	6.10	24400	6.05	22600	6.00	20700	5.95	18900	5.90
	-40	23100	5.45	21500	5.37	19900	5.29	18300	5.21	16700	5.14	15000	5.06
	-15	60900	10.36	57600	10.47	54400	10.58	51400	10.68	48500	10.76	45800	10.85
1515RL COMPR. MODEL 4RL-1500	-20	52900	9.62	50000	9.70	47200	9.77	44500	9.84	42000	9.90	39500	9.95
	-25	45500	8.89	43000	8.94	40600	8.98	38300	9.01	36000	9.04	33800	9.05
	-30	38700	8.18	36700	8.19	34600	8.19	32600	8.19	30600	8.17	28500	8.15
	-35	32600	7.49	30900	7.45	29200	7.41	27500	7.36	25700	7.31	23800	7.26
	-40	27000	6.82	25800	6.73	24400	6.64	23000	6.55	21400	6.45	19600	6.36
2015RL COMPR. MODEL 6RA-2000	-15	73500	13.07	69700	13.20	65900	13.33	62100	13.47	58300	13.60	54500	13.73
	-20	64600	12.13	61100	12.22	57600	12.31	54100	12.40	50700	12.49	47200	12.58
	-25	56500	11.24	53300	11.29	50200	11.33	47000	11.38	43800	11.43	40600	11.47
	-30	49300	10.40	46400	10.41	43500	10.41	40600	10.42	37700	10.42	34800	10.43
	-35	42800	9.61	40100	9.58	37500	9.55	34900	9.51	32200	9.48	29600	9.44
2515RL COMPR. MODEL 6RL-2500	-40	38900	8.88	34500	8.81	32100	8.73	29800	8.66	27400	8.59	25000	8.52
	-15	86500	15.01	81800	15.18	77300	15.33	73000	15.47	68900	15.60	65000	15.72
	-20	75200	13.93	71000	14.05	67100	14.16	63300	14.26	59600	14.34	56100	14.42
	-25	64700	12.88	61100	12.95	57700	13.01	54400	13.06	51100	13.09	48000	13.12
	-30	55000	11.85	52100	11.87	49200	11.87	46300	11.86	43400	11.84	40500	11.82
3015RL COMPR. MODEL 6RT-3000	-35	46300	10.85	43900	10.80	41500	10.74	39100	10.67	36500	10.60	33800	10.51
	-40	38400	9.89	36600	9.75	34700	9.62	32600	9.49	30400	9.35	27900	9.21
	-15	109000	19.68	104000	19.95	98800	20.20	93800	20.43	88700	20.63	83600	20.80
	-20	96600	18.53	92100	18.70	87500	18.85	82800	18.98	78000	19.08	73200	19.17
	-25	84800	17.28	80700	17.36	76600	17.43	72300	17.48	67900	17.51	63400	17.52
3015RL COMPR. MODEL 6RT-3000	-30	73600	15.93	69900	15.95	66100	15.95	62200	15.93	58200	15.90	54200	15.85
	-35	63000	14.48	59500	14.45	56100	14.41	52600	14.34	49100	14.26	45500	14.15
	-40	52900	12.94	49700	12.88	46500	12.80	43400	12.70	40400	12.58	37500	12.44
	-15	117000	23.46	113000	23.74	108000	24.02	103000	24.30	98900	24.58	94300	24.86
	-20	107000	21.87	102000	22.03	97100	22.18	92200	22.34	87300	22.49	82500	22.65
3015RL COMPR. MODEL 6RT-3000	-25	96000	20.29	91000	20.32	85900	20.36	80900	20.39	75900	20.42	70900	20.45
	-30	84900	18.74	79900	18.65	74800	18.57	69800	18.48	64800	18.39	59700	18.30
	-35	73800	17.24	68800	17.04	63900	16.83	59000	16.63	54000	16.42	49100	16.22
	-40	62900	15.81	58100	15.49	53300	15.17	48500	14.85	43700	14.54	39000	14.22

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 6% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R12 MEDIUM TEMPERATURE

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
0051FS COMPR. MODEL KAE-0050	25	5080	.66	4900	.67	4710	.68	4530	.69	4340	.71	4150	.72
	20	4540	.63	4370	.64	4200	.65	4030	.66	3860	.67	3690	.68
	15	4030	.60	3880	.61	3730	.61	3570	.62	3420	.63	3260	.64
	10	3570	.57	3430	.58	3290	.58	3140	.59	3000	.59	2860	.60
	5	3130	.55	3010	.55	2880	.55	2750	.56	2620	.56	2490	.56
0	2740	.52	2620	.52	2500	.52	2380	.53	2270	.53	2150	.53	
0071FS COMPR. MODEL KAG-0075	25	6780	.76	6500	.78	6220	.80	5950	.82	5670	.84	5390	.86
	20	5960	.73	5700	.75	5450	.76	5190	.78	4940	.79	4680	.81
	15	5220	.70	4990	.71	4750	.73	4520	.74	4290	.75	4060	.77
	10	4550	.67	4340	.68	4130	.69	3920	.70	3710	.71	3490	.72
	5	3950	.64	3760	.65	3570	.65	3380	.66	3180	.67	2990	.68
0	3410	.61	3240	.61	3080	.62	2890	.62	2720	.63	2540	.63	
0091FS COMPR. MODEL KAJ-0100	25	8650	.90	8300	.92	7950	.95	7600	.97	7250	1.00	6910	1.02
	20	7710	.87	7390	.89	7080	.91	6760	.93	6440	.95	6120	.97
	15	6830	.84	6550	.86	6260	.88	5980	.89	5690	.91	5410	.93
	10	6020	.82	5770	.83	5510	.84	5260	.85	5000	.87	4740	.88
	5	5270	.79	5050	.80	4820	.81	4590	.82	4360	.82	4130	.83
0	4580	.76	4380	.77	4180	.77	3980	.78	3780	.78	3580	.79	
0101FS COMPR. MODEL KAK-0100	25	9860	.98	9520	1.01	9180	1.04	8840	1.07	8500	1.10	8160	1.13
	20	8900	.95	8560	.97	8230	.99	7900	1.02	7560	1.04	7230	1.06
	15	7980	.92	7660	.93	7340	.95	7030	.96	6710	.98	6390	1.00
	10	7120	.88	6820	.89	6520	.90	6220	.91	5920	.93	5630	.94
	5	6310	.84	6030	.85	5760	.86	5490	.87	5210	.87	4940	.88
0	5550	.81	5300	.81	5060	.82	4810	.82	4560	.83	4320	.83	
0141FS COMPR. MODEL KAL-0150	25	12400	1.35	11900	1.39	11500	1.43	11100	1.47	10600	1.51	10200	1.55
	20	11000	1.30	10600	1.34	10200	1.38	9820	1.41	9420	1.45	9020	1.48
	15	9740	1.26	9380	1.29	9010	1.32	8650	1.35	8280	1.38	7920	1.41
	10	8560	1.22	8230	1.24	7890	1.27	7560	1.30	7230	1.32	6900	1.35
	5	7460	1.18	7160	1.20	6860	1.22	6550	1.24	6250	1.26	5950	1.28
0	6450	1.13	6170	1.15	5900	1.17	5620	1.18	5350	1.20	5070	1.21	
0151FS COMPR. MODEL KAT-0150	25	15100	1.58	14600	1.62	14100	1.65	13600	1.69	13100	1.73	12600	1.76
	20	13400	1.51	12900	1.54	12400	1.57	12000	1.60	11500	1.63	11100	1.66
	15	11800	1.44	11400	1.47	11000	1.49	10600	1.52	10200	1.54	9760	1.57
	10	10500	1.37	10100	1.39	9760	1.41	9380	1.44	9000	1.46	8620	1.48
	5	9370	1.31	9020	1.32	8670	1.34	8330	1.36	7980	1.37	7630	1.39
0	8380	1.25	8050	1.26	7730	1.27	7410	1.28	7090	1.30	6770	1.31	
0211FS COMPR. MODEL EAV-0200	25	17600	1.89	17000	1.94	16400	1.98	15700	2.03	15100	2.07	14500	2.12
	20	15700	1.84	15100	1.88	14600	1.92	14000	1.95	13400	1.99	12900	2.03
	15	13900	1.79	13400	1.82	12900	1.85	12400	1.88	11900	1.91	11400	1.95
	10	12200	1.73	11800	1.76	11300	1.78	10900	1.81	10400	1.84	9970	1.86
	5	10700	1.68	10300	1.70	9890	1.72	9480	1.74	9080	1.76	8670	1.78
0	9280	1.63	8920	1.64	8560	1.66	8200	1.67	7840	1.68	7480	1.70	
0221FS COMPR. MODEL EAL-0200	25	20400	2.25	19700	2.30	19000	2.35	18400	2.41	17700	2.46	17000	2.51
	20	18200	2.15	17600	2.20	17000	2.24	16400	2.28	15800	2.33	15200	2.37
	15	16100	2.06	15600	2.09	15100	2.13	14500	2.16	14000	2.20	13400	2.23
	10	14300	1.96	13800	1.98	13300	2.01	12800	2.04	12300	2.07	11800	2.09
	5	12600	1.86	12100	1.88	11700	1.90	11200	1.92	10700	1.94	10300	1.96
0	11100	1.77	10600	1.78	10200	1.79	9740	1.81	9290	1.82	8840	1.83	
0311FS COMPR. MODEL LAH-0310	25	27100	2.74	26100	2.78	25100	2.83	24000	2.87	23000	2.92	21900	2.96
	20	24300	2.66	23300	2.69	22400	2.73	21400	2.77	20500	2.80	19500	2.84
	15	21600	2.57	20700	2.60	19900	2.63	19000	2.66	18100	2.69	17300	2.72
	10	19100	2.49	18300	2.51	17500	2.54	16700	2.56	16000	2.59	15200	2.61
	5	16800	2.41	16100	2.43	15400	2.45	14700	2.47	13900	2.49	13200	2.51
0	14600	2.33	14000	2.34	13400	2.36	12700	2.37	12100	2.39	11400	2.40	
0331FS COMPR. MODEL LAL-0310	25	31100	3.06	30000	3.11	28900	3.16	27700	3.21	26600	3.26	25400	3.31
	20	27900	2.94	26800	2.99	25800	3.03	24700	3.08	23700	3.12	22600	3.16
	15	24900	2.83	23900	2.86	22900	2.90	21900	2.94	20900	2.98	20000	3.01
	10	22100	2.71	21100	2.74	20200	2.77	19300	2.80	18400	2.83	17500	2.86
	5	19500	2.59	18600	2.61	17700	2.64	16900	2.66	16000	2.69	15100	2.71
0	17100	2.48	16300	2.49	15400	2.51	14600	2.53	13800	2.54	13000	2.56	
0521FS COMPR. MODEL MRF-0500	25	39200	4.12	37800	4.25	36400	4.37	35000	4.49	33600	4.61	32200	4.72
	20	34800	3.98	33500	4.09	32200	4.20	30900	4.31	29600	4.41	28300	4.51
	15	30700	3.83	29500	3.93	28300	4.02	27200	4.11	26000	4.20	24800	4.28
	10	26900	3.67	25800	3.75	24800	3.82	23700	3.90	22600	3.97	21500	4.04
	5	23500	3.50	22500	3.56	21500	3.62	20600	3.67	19600	3.73	18600	3.79
0	20400	3.31	19500	3.35	18600	3.39	17700	3.43	16800	3.48	15900	3.52	

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R12 MEDIUM TEMPERATURE (Continued)

HIRU Unit Model	Suction Gas		100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	
0531FS COMPR. MODEL MRB-0500	25	46000	4.60	44600	4.73	43200	4.86	41800	5.00	40300	5.13	38900	5.26	
	20	41000	4.37	39700	4.48	38400	4.60	37100	4.71	35800	4.82	34500	4.93	
	15	36500	4.15	35300	4.25	34000	4.34	32800	4.44	31600	4.54	30400	4.63	
	10	32300	3.94	31200	4.02	30100	4.10	28900	4.19	27800	4.27	26700	4.35	
	5	28500	3.74	27400	3.81	26400	3.88	25400	3.95	24300	4.02	23300	4.09	
	0	25000	3.55	24000	3.61	23100	3.67	22100	3.73	21100	3.79	20200	3.84	
0621FS COMPR. MODEL 9RA-0505	25	48600	4.94	46700	5.02	44800	5.10	42800	5.19	40900	5.27	39000	5.35	
	20	43600	4.78	41800	4.84	40000	4.91	38200	4.97	36400	5.04	34600	5.11	
	15	38900	4.57	37200	4.62	35500	4.68	33800	4.73	32100	4.78	30400	4.83	
	10	34600	4.33	32900	4.37	31300	4.42	29700	4.46	28100	4.50	26500	4.54	
	5	30500	4.07	29000	4.10	27400	4.14	25900	4.17	24300	4.21	22800	4.24	
	0	26800	3.79	25300	3.82	23800	3.85	22300	3.88	20800	3.90	19300	3.93	
0721FS COMPR. MODEL 9RC-0765	25	57200	6.27	55100	6.40	53000	6.54	50900	6.68	48800	6.82	46700	6.96	
	20	50400	5.94	48500	6.06	46600	6.17	44700	6.29	42800	6.41	41000	6.53	
	15	44200	5.63	42500	5.72	40800	5.81	39100	5.90	37400	6.00	35700	6.10	
	10	38600	5.32	37100	5.38	35500	5.45	34000	5.52	32500	5.59	31000	5.67	
	5	33500	5.01	32100	5.06	30800	5.10	29400	5.14	28000	5.19	26700	5.24	
	0	28900	4.72	27700	4.73	26500	4.75	25200	4.77	24000	4.78	22800	4.80	
0811FS COMPR. MODEL 9RB-0765	25	61500	6.27	59400	6.39	57300	6.51	55200	6.64	53100	6.76	51000	6.88	
	20	55400	5.98	53500	6.09	51600	6.20	49800	6.31	47900	6.42	46000	6.53	
	15	49800	5.69	48100	5.78	46400	5.88	44700	5.98	43000	6.08	41300	6.18	
	10	44500	5.39	43000	5.48	41500	5.57	39900	5.65	38400	5.74	36900	5.83	
	5	39700	5.10	38300	5.18	36900	5.26	35500	5.33	34100	5.41	32800	5.49	
	0	35200	4.82	33900	4.89	32700	4.96	31400	5.02	30200	5.09	28900	5.16	
0911FS COMPR. MODEL 9RS-0765	25	71600	8.19	69200	8.38	66800	8.58	64400	8.77	62000	8.96	59600	9.15	
	20	65300	7.81	63100	8.01	61000	8.21	58800	8.41	56700	8.61	54500	8.81	
	15	59300	7.40	57300	7.60	55400	7.80	53400	7.99	51500	8.19	49500	8.38	
	10	53600	6.99	51800	7.17	50000	7.35	48200	7.53	46400	7.71	44600	7.90	
	5	48300	6.56	46600	6.72	44900	6.88	43300	7.04	41600	7.21	39900	7.37	
	0	43400	6.14	41800	6.27	40100	6.41	38500	6.54	36900	6.68	35300	6.81	
1311FS COMPR. MODEL 4RA-1000	25	88800	8.47	85500	8.71	82300	8.95	79000	9.18	75800	9.42	72500	9.66	
	20	79600	8.10	76700	8.30	73800	8.50	70900	8.70	67900	8.91	65000	9.11	
	15	71300	7.72	68600	7.89	66000	8.05	63400	8.22	60700	8.39	58100	8.55	
	10	63700	7.35	61300	7.48	58900	7.61	56500	7.74	54100	7.87	51700	8.00	
	5	56700	6.99	54500	7.08	52400	7.17	50200	7.27	48000	7.36	45800	7.45	
	0	50300	6.64	48400	6.69	46400	6.75	44400	6.81	42400	6.86	40400	6.92	
1531FS COMPR. MODEL 4RH-1500	25	117000	12.72	113000	12.97	109000	13.22	106000	13.47	102000	13.72	97600	13.96	
	20	106000	12.23	102000	12.42	98300	12.62	94500	12.81	90600	13.00	86800	13.20	
	15	95400	11.70	91700	11.84	88000	11.99	84300	12.13	80600	12.28	76900	12.42	
	10	85800	11.15	82200	11.25	78600	11.35	75000	11.45	71400	11.55	67800	11.65	
	5	77000	10.60	73600	10.65	70100	10.71	66600	10.77	63100	10.83	59600	10.88	
	0	69000	10.04	65600	10.06	62200	10.08	58800	10.10	55400	10.12	52000	10.14	
2111FS COMPR. MODEL 6RA-2000	25	146000	13.55	140000	13.92	134000	14.28	128000	14.65	122000	15.01	116000	15.38	
	20	132000	12.92	126000	13.24	121000	13.55	115000	13.86	110000	14.18	104000	14.49	
	15	119000	12.29	113000	12.55	108000	12.81	103000	13.07	98100	13.33	92900	13.59	
	10	106000	11.66	101000	11.87	96600	12.07	91900	12.28	87100	12.48	82300	12.69	
	5	94600	11.05	90200	11.20	85800	11.35	81300	11.50	76900	11.65	72500	11.80	
	0	83800	10.45	79700	10.55	75600	10.64	71500	10.74	67400	10.83	63300	10.93	
2311FS COMPR. MODEL 6RH-2000	25	166000	16.81	160000	17.19	154000	17.58	148000	17.97	141000	18.36	135000	18.74	
	20	149000	16.03	143000	16.36	137000	16.68	132000	17.01	126000	17.33	120000	17.65	
	15	132000	15.22	127000	15.49	122000	15.75	117000	16.01	112000	16.27	107000	16.54	
	10	118000	14.40	113000	14.60	108000	14.80	103000	15.00	98700	15.21	94000	15.41	
	5	104000	13.56	99600	13.71	95200	13.85	90800	14.00	86500	14.14	82100	14.29	
	0	91500	12.74	87400	12.83	83300	12.92	79300	13.00	75200	13.09	71100	13.18	

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R12 HIGH TEMPERATURE

HIRU Unit Model	Suction Gas		100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	
0091FS COMPR. MODEL KAJ-0100	40	11900	.97	11500	1.01	11000	1.04	10600	1.08	10100	1.12	9660	1.15	
	35	10800	.95	10300	.98	9920	1.01	9500	1.05	9080	1.08	8670	1.11	
	30	9670	.92	9280	.95	8900	.98	8520	1.01	8130	1.04	7750	1.07	
	25	8650	.90	8300	.92	7950	.95	7600	.97	7250	1.00	6910	1.02	
	20	7710	.87	7390	.89	7080	.91	6760	.93	6440	.95	6120	.97	
0141FS COMPR. MODEL KAL-0150	40	17100	1.46	16500	1.51	16000	1.56	15400	1.61	14900	1.67	14300	1.72	
	35	15400	1.42	14900	1.47	14400	1.52	13900	1.57	13400	1.62	12800	1.67	
	30	13800	1.39	13400	1.43	12900	1.48	12400	1.52	11900	1.56	11500	1.61	
	25	12400	1.35	11900	1.39	11500	1.43	11100	1.47	10600	1.51	10200	1.55	
	20	11000	1.30	10600	1.34	10200	1.38	9820	1.41	9420	1.45	9020	1.48	
0211FS COMPR. MODEL EAV-0200	40	24300	2.03	23500	2.10	22600	2.16	21800	2.23	21000	2.30	20200	2.36	
	35	21900	1.99	21200	2.05	20400	2.11	19600	2.17	18900	2.23	18100	2.29	
	30	19700	1.94	19000	1.99	18300	2.05	17600	2.10	16900	2.15	16300	2.20	
	25	17600	1.89	17000	1.94	16400	1.98	15700	2.03	15100	2.07	14500	2.12	
	20	15700	1.84	15100	1.88	14600	1.92	14000	1.95	13400	1.99	12900	2.03	
0311FS COMPR. MODEL LAH-0310	40	37100	2.99	35700	3.06	34300	3.13	32900	3.20	31600	3.28	30200	3.35	
	35	33500	2.91	32300	2.97	31000	3.03	29800	3.09	28500	3.16	27300	3.22	
	30	30200	2.82	29100	2.88	27900	2.93	26800	2.98	25700	3.04	24500	3.09	
	25	27100	2.74	26100	2.78	25100	2.83	24000	2.87	23000	2.92	21900	2.96	
	20	24300	2.66	23300	2.69	22400	2.73	21400	2.77	20500	2.80	19500	2.84	
0521FS COMPR. MODEL MRF-0500	40	54500	4.47	52700	4.64	51000	4.80	49200	4.96	47400	5.12	45500	5.27	
	35	49100	4.37	47400	4.52	45800	4.67	44100	4.82	42500	4.96	40800	5.10	
	30	44000	4.25	42500	4.39	40900	4.53	39400	4.66	37900	4.79	36300	4.92	
	25	39200	4.12	37800	4.25	36400	4.37	35000	4.49	33600	4.61	32200	4.72	
	20	34800	3.98	33500	4.09	32200	4.20	30900	4.31	29600	4.41	28300	4.51	

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R12 HIGH TEMPERATURE (Continued)

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
0721FS COMPR. MODEL 9RC-0765	40	82000	7.28	79200	7.48	76300	7.67	73500	7.86	70600	8.05	67800	8.24
	35	72900	6.94	70400	7.11	67800	7.29	65200	7.46	62700	7.64	60100	7.81
	30	64700	6.60	62400	6.76	60000	6.91	57700	7.07	55400	7.23	53100	7.39
	25	57200	6.27	55100	6.40	53000	6.54	50900	6.68	48800	6.82	46700	6.96
	20	50400	5.94	48500	6.06	46600	6.17	44700	6.29	42800	6.41	41000	6.53
1311FS COMPR. MODEL 4RA-1000	40	122000	9.56	117000	9.87	113000	10.19	108000	10.51	104000	10.83	99100	11.15
	35	110000	9.21	106000	9.51	102000	9.80	97600	10.10	93600	10.39	89600	10.69
	30	98700	8.85	95100	9.11	91500	9.38	87900	9.65	84300	9.92	80700	10.19
	25	88800	8.47	85500	8.71	82300	8.95	79000	9.18	75800	9.42	72500	9.66
	20	79600	8.10	76700	8.30	73800	8.50	70900	8.70	67900	8.91	65000	9.11
1531FS COMPR. MODEL 4RH-1500	40	158000	13.85	154000	14.30	150000	14.74	145000	15.19	141000	15.63	136000	16.08
	35	143000	13.55	139000	13.93	135000	14.30	131000	14.67	127000	15.05	122000	15.42
	30	130000	13.17	126000	13.48	122000	13.79	118000	14.09	114000	14.40	109000	14.71
	25	117000	12.72	113000	12.97	109000	13.22	106000	13.47	102000	13.72	97600	13.96
	20	106000	12.23	102000	12.42	98300	12.62	94500	12.81	90600	13.00	86800	13.20
2111FS COMPR. MODEL 6RA-2000	40	194000	15.32	187000	15.82	180000	16.31	172000	16.81	165000	17.30	158000	17.80
	35	177000	14.77	170000	15.22	164000	15.68	157000	16.14	150000	16.59	143000	17.05
	30	161000	14.17	155000	14.58	148000	15.00	142000	15.41	136000	15.82	129000	16.24
	25	146000	13.55	140000	13.92	134000	14.28	128000	14.65	122000	15.01	116000	15.38
	20	132000	12.92	126000	13.24	121000	13.55	115000	13.86	110000	14.18	104000	14.49
2311FS COMPR. MODEL 6RH-2000	40	230000	18.70	221000	19.28	212000	19.86	203000	20.44	194000	21.02	185000	21.60
	35	207000	18.17	199000	18.68	191000	19.20	183000	19.71	175000	20.23	168000	20.75
	30	186000	17.52	179000	17.98	172000	18.43	165000	18.88	158000	19.33	151000	19.78
	25	166000	16.81	160000	17.19	154000	17.58	148000	17.97	141000	18.36	135000	18.74
	20	149000	16.03	143000	16.36	137000	16.68	132000	17.01	126000	17.33	120000	17.65

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R22 HIGH TEMPERATURE

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
0313VH COMPR. MODEL ERF-0310	45	42000	3.33	40300	3.46	38800	3.59	37300	3.72	35900	3.84	34600	3.96
	40	37900	3.27	36400	3.40	35000	3.51	33700	3.62	32400	3.73	31200	3.83
	35	34100	3.20	32800	3.31	31500	3.41	30200	3.51	29000	3.60	27900	3.68
	30	30500	3.11	29300	3.21	28100	3.30	27000	3.38	25900	3.46	24800	3.53
	25	27200	3.01	26100	3.09	25000	3.17	24000	3.24	22900	3.30	21900	3.36
	20	24100	2.88	23100	2.96	22100	3.02	21100	3.08	20200	3.14	19300	3.18
0513VH COMPR. MODEL NRA-0500	45	74200	5.43	71500	5.68	68800	5.92	66000	6.17	63300	6.42	60500	6.66
	40	66800	5.38	64400	5.59	61900	5.80	59400	6.02	56900	6.23	54400	6.44
	35	59900	5.30	57700	5.48	55400	5.66	53200	5.84	50900	6.03	48600	6.21
	30	53400	5.18	51400	5.33	49300	5.49	47300	5.65	45300	5.80	43200	5.96
	25	47300	5.03	45500	5.16	43700	5.30	41900	5.43	40000	5.57	38200	5.70
	20	41700	4.85	40100	4.96	38400	5.08	36800	5.19	35200	5.31	33500	5.42
0623VH COMPR. MODEL MRH-0760	45	107000	7.36	103000	7.68	98700	7.99	94700	8.31	90600	8.63	86500	8.94
	40	96400	7.20	92700	7.48	89100	7.76	85400	8.05	81700	8.33	78000	8.62
	35	86500	7.02	83200	7.27	79900	7.53	76700	7.78	73400	8.03	70100	8.28
	30	77300	6.84	74300	7.06	71400	7.28	68500	7.50	65500	7.72	62600	7.95
	25	68600	6.63	66000	6.83	63400	7.02	60800	7.21	58200	7.41	55600	7.60
	20	60500	6.42	58200	6.59	56000	6.75	53700	6.92	51400	7.09	49100	7.25
1015VH COMPR. MODEL 9RC-1015	45	147000	10.54	143000	10.86	139000	11.18	134000	11.51	130000	11.83	125000	12.16
	40	134000	10.17	130000	10.47	125000	10.77	121000	11.07	117000	11.37	113000	11.67
	35	121000	9.80	117000	10.07	113000	10.34	109000	10.62	106000	10.90	102000	11.18
	30	109000	9.43	105000	9.67	102000	9.91	98100	10.16	94600	10.42	91000	10.67
	25	97300	9.04	94100	9.26	90900	9.48	87600	9.70	84300	9.93	80900	10.16
	20	86900	8.66	83900	8.84	80800	9.04	77700	9.23	74600	9.43	71500	9.63
1415VH COMPR. MODEL 9RS-1505	45	200000	13.61	193000	14.18	186000	14.76	179000	15.34	172000	15.92	165000	16.50
	40	180000	13.38	174000	13.91	167000	14.43	161000	14.96	155000	15.48	148000	16.01
	35	161000	13.04	156000	13.51	150000	13.98	144000	14.46	138000	14.93	133000	15.40
	30	144000	12.60	139000	13.02	133000	13.44	128000	13.86	123000	14.28	118000	14.70
	25	128000	12.08	123000	12.45	118000	12.82	113000	13.19	108000	13.56	103000	13.93
	20	113000	11.50	108000	11.82	104000	12.15	99000	12.47	94400	12.80	89800	13.12
2023VH COMPR. MODEL 4RA-2000	45	232000	15.46	225000	16.16	217000	16.85	209000	17.54	202000	18.21	194000	18.89
	40	209000	15.17	202000	15.82	196000	16.45	189000	17.07	182000	17.68	175000	18.28
	35	187000	14.84	182000	15.43	176000	16.00	170000	16.56	163000	17.10	157000	17.64
	30	168000	14.48	163000	14.99	157000	15.50	152000	15.99	146000	16.48	140000	16.94
	25	150000	14.07	145000	14.51	140000	14.95	135000	15.38	129000	15.80	124000	16.21
	20	134000	13.63	129000	13.99	124000	14.35	119000	14.71	114000	15.07	109000	15.42
2413VH COMPR. MODEL 4RH-2500	45	303000	19.90	291000	20.68	279000	21.46	266000	22.24	254000	23.02	242000	23.80
	40	271000	19.36	260000	20.07	249000	20.78	238000	21.48	227000	22.19	217000	22.90
	35	241000	18.77	232000	19.41	222000	20.04	213000	20.68	203000	21.31	194000	21.95
	30	215000	18.14	206000	18.71	198000	19.27	189000	19.83	181000	20.40	172000	20.96
	25	191000	17.50	183000	17.99	176000	18.48	168000	18.97	161000	19.46	153000	19.95
	20	169000	16.84	162000	17.26	155000	17.68	149000	18.10	142000	18.52	135000	18.94
2813VH COMPR. MODEL 4RJ-3000	45	355000	23.27	341000	24.31	326000	25.35	312000	26.40	298000	27.44	283000	28.48
	40	322000	22.60	309000	23.55	296000	24.50	283000	25.45	269000	26.41	256000	27.36
	35	291000	21.90	279000	22.76	267000	23.62	255000	24.48	243000	25.33	231000	26.19
	30	261000	21.19	250000	21.95	239000	22.71	228000	23.48	218000	24.24	207000	25.00
	25	233000	20.46	223000	21.13	213000	21.80	203000	22.47	194000	23.14	184000	23.81
	20	207000	19.74	198000	20.31	189000	20.89	180000	21.47	171000	22.05	162000	22.62
3013VH COMPR. MODEL 6RA-3000	45	371000	23.09	360000	24.14	349000	25.17	337000	26.19	325000	27.21	313000	28.21
	40	334000	22.66	324000	23.62	315000	24.57	304000	25.50	294000	26.42	283000	27.31
	35	299000	22.17	291000	23.05	282000	23.90	273000	24.74	264000	25.55	254000	26.35
	30	268000	21.62	260000	22.40	252000	23.15	244000	23.89	235000	24.61	226000	25.31
	25	239000	21.02	232000	21.68	224000	22.33	217000	22.97	209000	23.59	201000	24.21
	20	214000	20.36	206000	20.90	198000	21.44	191000	21.97	184000	22.50	177000	23.04

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R22 MEDIUM TEMPERATURE

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
0213VS	25	19900	1.88	19000	1.94	18200	2.00	17400	2.06	16600	2.12	15800	2.18
	20	17400	1.82	16600	1.87	15900	1.92	15200	1.97	14500	2.02	13800	2.07
	15	15100	1.75	14500	1.79	13900	1.83	13200	1.87	12600	1.91	12000	1.95
	10	13100	1.67	12600	1.70	12000	1.73	11500	1.76	10900	1.80	10300	1.83
COMPR. MODEL ERC-0200	5	11400	1.58	10900	1.61	10400	1.63	9870	1.65	9380	1.68	8880	1.70
	0	9770	1.49	9330	1.51	8890	1.52	8450	1.54	8000	1.56	7560	1.57
	25	27200	3.01	26100	3.09	25000	3.17	24000	3.24	22900	3.30	21900	3.36
	20	24100	2.88	23100	2.96	22100	3.02	21100	3.08	20200	3.14	19300	3.18
0313VS	15	21200	2.74	20300	2.81	19400	2.86	18500	2.91	17700	2.96	16800	3.00
	10	18500	2.59	17700	2.64	16900	2.68	16100	2.73	15300	2.76	14600	2.80
	5	16100	2.41	15300	2.45	14600	2.49	13900	2.52	13200	2.56	12600	2.59
	0	13900	2.22	13200	2.25	12500	2.28	11900	2.31	11300	2.34	10700	2.36
COMPR. MODEL ERF-0310	25	36000	3.48	34400	3.59	32800	3.71	31200	3.82	29700	3.94	28100	4.05
	20	31800	3.34	30300	3.44	28900	3.53	27400	3.63	26000	3.73	24500	3.82
	15	27900	3.19	26600	3.27	25200	3.35	23900	3.43	22600	3.50	21200	3.58
	10	24300	3.04	23100	3.10	21900	3.16	20700	3.22	19400	3.28	18200	3.34
COMPR. MODEL 3RA-0310	5	21000	2.89	19900	2.93	18800	2.97	17700	3.01	16600	3.05	15400	3.09
	0	18000	2.74	17000	2.76	16000	2.78	14900	2.81	13900	2.83	12900	2.85
	25	47300	5.03	45500	5.16	43700	5.30	41900	5.43	40000	5.57	38200	5.70
	20	41700	4.85	40100	4.96	38400	5.08	36800	5.19	35200	5.31	33500	5.42
0513VS	15	36500	4.63	35100	4.73	33600	4.83	32100	4.93	30700	5.03	29200	5.13
	10	31800	4.39	30500	4.48	29200	4.57	27800	4.65	26500	4.74	25200	4.83
	5	27500	4.11	26300	4.19	25100	4.27	23900	4.35	22800	4.43	21600	4.51
	0	23700	3.80	22600	3.88	21500	3.95	20400	4.03	19400	4.11	18300	4.18
COMPR. MODEL NRA-0500	25	57100	5.84	55100	6.00	53000	6.16	50900	6.32	48800	6.48	46800	6.64
	20	50800	5.59	48900	5.73	47000	5.87	45200	6.01	43300	6.16	41400	6.30
	15	45100	5.33	43400	5.46	41700	5.58	40000	5.71	38300	5.83	36600	5.96
	10	39900	5.09	38400	5.20	36800	5.30	35300	5.41	33800	5.51	32300	5.62
COMPR. MODEL NRM-0500	5	35300	4.86	33900	4.94	32500	5.03	31100	5.11	29700	5.20	28400	5.28
	0	31100	4.63	29900	4.70	28600	4.76	27400	4.83	26100	4.89	24900	4.96
	25	68600	6.63	66000	6.83	63400	7.02	60800	7.21	58200	7.41	55600	7.60
	20	60500	6.42	58200	6.59	56000	6.75	53700	6.92	51400	7.09	49100	7.25
0623VS	15	53000	6.20	51000	6.33	49100	6.47	47100	6.62	45100	6.76	43100	6.90
	10	46100	5.96	44400	6.07	42800	6.19	41100	6.30	39400	6.42	37600	6.54
	5	39800	5.71	38400	5.80	37000	5.89	35600	5.98	34100	6.08	32600	6.18
	0	34100	5.44	33000	5.51	31800	5.58	30600	5.66	29400	5.73	28100	5.81
COMPR. MODEL MRH-0760	25	85400	8.05	82200	8.29	79100	8.52	75900	8.75	72700	8.98	69500	9.21
	20	76000	7.68	73200	7.88	70400	8.09	67500	8.30	64700	8.51	61900	8.72
	15	67500	7.31	64900	7.50	62400	7.68	59800	7.87	57300	8.06	54800	8.24
	10	59600	6.96	57300	7.13	55000	7.29	52800	7.46	50500	7.63	48300	7.80
COMPR. MODEL 9RJ-0765	5	52400	6.62	50300	6.77	48300	6.92	46300	7.08	44300	7.23	42300	7.38
	0	45800	6.30	44000	6.44	42200	6.58	40400	6.71	38600	6.85	36800	6.98

Capacity data is based on 65° suction gas temperature and 0°F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

HIRU-REMOTE CONDENSING UNITS COPELAMETIC COMPRESSORS

R22 MEDIUM TEMPERATURE (Continued)

HIRU Unit Model	Suction Gas	100° F Cond. Temp.		105° F Cond. Temp.		110° F Cond. Temp.		115° F Cond. Temp.		120° F Cond. Temp.		125° F Cond. Temp.	
	Sat. Temp. °F	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw	Capacity Btu/hr	Power Kw
1015VS	25	97300	9.04	94100	9.26	90900	9.48	87600	9.70	84300	9.93	80900	10.16
	20	86900	8.66	83900	8.84	80800	9.04	77700	9.23	74600	9.43	71500	9.63
	15	77400	8.26	74400	8.42	71500	8.59	68600	8.75	65600	8.92	62700	9.09
COMPR. MODEL 9RC-1015	10	68600	7.86	65800	8.00	63000	8.13	60100	8.27	57300	8.41	54500	8.55
	5	60800	7.46	58000	7.56	55200	7.67	52400	7.77	49600	7.88	46900	7.99
	0	53700	7.05	50900	7.12	48100	7.20	45400	7.27	42600	7.35	40000	7.42
1415VS	25	128000	12.08	123000	12.45	118000	12.82	113000	13.19	108000	13.56	103000	13.93
	20	113000	11.50	108000	11.82	104000	12.15	99000	12.47	94400	12.80	89800	13.12
	15	98900	10.88	94600	11.16	90200	11.44	85800	11.72	81400	12.00	77000	12.28
COMPR. MODEL 9RS-1505	10	86100	10.25	81900	10.48	77600	10.71	73400	10.95	69200	11.18	65000	11.42
	5	74200	9.59	70100	9.79	66000	9.98	61900	10.17	57800	10.37	53700	10.56
	0	63300	8.94	59200	9.10	55200	9.25	51200	9.40	47200	9.56	43200	9.71
2023VS	25	150000	14.07	145000	14.51	140000	14.95	135000	15.38	129000	15.80	124000	16.21
	20	134000	13.63	129000	13.99	124000	14.35	119000	14.71	114000	15.07	109000	15.42
	15	120000	13.15	114000	13.42	109000	13.70	104000	13.99	99500	14.29	95400	14.59
COMPR. MODEL 4RA-2000	10	108000	12.63	101000	12.80	95300	13.00	90300	13.22	86100	13.46	82600	13.72
	5	—	—	—	—	—	—	—	—	—	—	—	—
	0	—	—	—	—	—	—	—	—	—	—	—	—
2413VS	25	191000	17.50	183000	17.99	176000	18.48	168000	18.97	161000	19.46	153000	19.95
	20	169000	16.84	162000	17.26	155000	17.68	149000	18.10	142000	18.52	135000	18.94
	15	149000	16.17	143000	16.53	137000	16.88	131000	17.23	125000	17.58	119000	17.93
COMPR. MODEL 4RH-2500	10	131000	15.52	126000	15.80	121000	16.09	115000	16.37	110000	16.66	104000	16.94
	5	—	—	—	—	—	—	—	—	—	—	—	—
	0	—	—	—	—	—	—	—	—	—	—	—	—
2813VS	25	233000	20.46	223000	21.13	213000	21.80	203000	22.47	194000	23.14	184000	23.81
	20	207000	19.74	198000	20.31	189000	20.89	180000	21.47	171000	22.05	162000	22.62
	15	182000	19.02	174000	19.51	166000	20.00	158000	20.48	150000	20.97	142000	21.46
COMPR. MODEL 4RJ-3000	10	159000	18.32	152000	18.72	145000	19.12	137000	19.52	130000	19.92	123000	20.32
	5	—	—	—	—	—	—	—	—	—	—	—	—
	0	—	—	—	—	—	—	—	—	—	—	—	—
3013VS	25	239000	21.02	232000	21.68	224000	22.33	217000	22.97	209000	23.59	201000	24.21
	20	214000	20.36	206000	20.90	198000	21.44	191000	21.97	184000	22.50	177000	23.04
	15	191000	19.64	183000	20.05	175000	20.46	167000	20.90	160000	21.34	154000	21.80
COMPR. MODEL 6RA-3000	10	172000	18.87	162000	19.13	153000	19.42	145000	19.74	139000	20.10	133000	20.49
	5	—	—	—	—	—	—	—	—	—	—	—	—
	0	—	—	—	—	—	—	—	—	—	—	—	—

Capacity data is based on 65° suction gas temperature and 0° F liquid sub-cooling at the refrigerator's tubing entrance. Net capacity will be increased by 4% for each additional 10° of liquid sub-cooling. Use of a liquid suction heat exchanger installed at the refrigerator's tubing outlet is recommended.

ACCESSORY DATA — HIRU INDOOR COPELAND UNITS

Unit Model/IRU	Copeland Feed	Current Sensing Relay	*Suction Line Vibration Eliminator (1)	*Suction Line Vibration Eliminator (1)	*Suction Line Filter	Suction Filter Steel (1)	Suction Filter Brass (1)	*Suction Line Accumulator	*Motor Contactor In Enclosure (208-230V)	*Drier/Sightglass	PE Heat Reclaim & ALCO Winter Control (2, 3)	PE Heat Reclaim & Sporlan Winter Control (2, 3)	Winter Control (2, 3) Sporlan Heat Reclaim & Winter Control (2, 3)	Winter Control (2, 3) ALCO (2, 3)	Winter Control (2, 3) Sporlan (2, 3)	Crankcase Heater	*Liquid Line Solenoid Discharge Line Vibration Eliminator (2)	Receiver	*Drier/Sightglass	*Drier/Sightglass	Receiver	Oversize Receiver Kits (3)	Removable Core Drier Kits	Shipping Crate
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*Field Installed

R12 MEDIUM TEMPERATURE — FS

0051	53DA	63EG	65DM	23ES	38ES	94DC	65DV	88EG	60ES	—	—	—	—	01EJ	27EJ	20DB	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0071	53DA	63EG	65DM	23ES	38ES	94DC	65DV	88EG	60ES	—	—	—	—	01EJ	27EJ	20DB	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0091	54DA	64EG	65DM	50EO	39ES	94DC	65DV	88EG	60ES	—	—	—	—	01EJ	27EJ	20DB	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0101	54DA	64EG	65DM	50EO	39ES	94DC	65DV	88EG	60ES	—	—	—	—	01EJ	27EJ	20DB	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0141	54DA	64EG	65DM	50EO	39ES	94DC	65DV	88EG	60ES	—	—	—	—	01EJ	27EJ	20DB	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0151	54DA	64EG	65DM	50EO	39ES	94DC	65DV	88EG	60ES	—	—	—	—	01EJ	27EJ	20DB	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0211	54DA	65EG	65DM	24ES	40ES	94DC	65DV	88EG	60ES	—	—	—	—	02EJ	28EJ	99EC	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0221	54DA	65EG	65DM	24ES	40ES	94DC	65DV	88EG	60ES	—	—	—	—	02EJ	28EJ	99EC	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0311	55DA	67EG	66DM	51EO	43ES	95DC	65DV	89EG	61ES	01EK	23EK	33EK	03EJ	29EJ	99EC	76DM	53DA	94EG	43EK	67ES	42EJ	42EJ	24EG	
0331	55DA	67EG	66DM	51EO	43ES	95DC	65DV	89EG	61ES	01EK	23EK	33EK	03EJ	29EJ	99EC	76DM	53DA	94EG	43EK	67ES	42EJ	42EJ	24EG	
0521	25DD	56DA	70EP	67DM	52EO	44ES	29DD	65DV	20EP	06EP	14EP	17EP	01EP	11EP	99EC	48DV	53DA	93EG	21EP	65ES	24EP	25EP	26EG	
0531	25DD	56DA	70EP	67DM	52EO	44ES	29DD	65DV	20EP	06EP	14EP	17EP	01EP	11EP	99EC	48DV	53DA	93EG	21EP	65ES	24EP	25EP	26EG	
0621	25DD	56DA	72EP	67DM	53EO	46ES	29DD	65DV	20EP	07EP	15EP	18EP	02EP	12EP	23DB	48DV	54DA	95EG	21EP	65ES	24EP	25EP	26EG	
0721	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	08EP	16EP	19EP	03EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	26EG	
0811	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	08EP	16EP	19EP	03EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	26EG	
0911	25DD	57DA	73EP	68DM	28ES	47ES	96DC	66DV	21EP	08EP	16EP	19EP	03EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	26EG	
1311	—	57DA	72EG	68DM	54EO	48ES	96DC	67DV	91EG	62ES	29EP	36EP	28EP	32EP	24DB	49DV	54DA	96EG	92EG	63ES	44EJ	44EJ	26EG	
1531	—	58DA	73EP	69DM	29ES	49ES	50FC	68DV	92EG	63ES	09EK	31EK	41EK	11EJ	37EJ	24DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	26EG
2111	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	09EK	31EK	41EK	11EJ	37EJ	24DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	26EG
2311	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	10EK	32EK	42EK	12EJ	38EJ	24DB	49DV	56DA	97EG	45EK	68ES	44EJ	44EJ	26EG

R22 MEDIUM TEMPERATURE — VH, VS

0213	54DA	65EG	65DM	25ES	41ES	94DC	65DV	88EG	60ES	—	—	—	—	15EJ	28EJ	99EC	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	24EG
0313	55DA	69EP	66DM	26ES	42ES	95DC	65DV	89EG	61ES	13EK	24EK	34EK	17EJ	30EJ	99EC	76DM	53DA	94EG	94EG	43EK	67ES	42EJ	42EJ	24EG
0333	55DA	67EG	66DM	51EO	43ES	95DC	65DV	89EG	61ES	13EK	24EK	34EK	17EJ	30EJ	99EC	76DM	53DA	94EG	94EG	43EK	67ES	42EJ	42EJ	24EG
0513	25DD	55DA	71EP	66DM	27ES	45ES	95DC	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	25EP	25EP	26EG	
0523	25DD	55DA	71EG	66DM	27ES	45ES	95DC	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	25EP	25EP	26EG	
0623	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	05ES	10EP	16EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	26EG	
0743	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	05ES	10EP	16EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	26EG	
1015	—	57DA	73EP	68DM	28ES	47ES	96DC	67DV	91EG	62ES	31EP	35EP	28EP	33EP	23DB	49DV	54DA	96EG	92EG	63ES	44EJ	44EJ	26EG	
1415	—	57DA	73EP	68DM	28ES	47ES	96DC	68DV	92EG	63ES	19EK	30EK	40EK	23EJ	36EJ	23DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	28EG
2023	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	20EK	31EK	41EK	24EJ	37EJ	24DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	28EG
2413	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	28EG
2813	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	28EG
3013	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	28EG

NOTES: (1.) Factory installed suction filter kits include suction vibration eliminator. (2.) Heat reclaim and/or winter control kits include discharge vibration eliminator. (3.) When winter control is selected, an oversize receiver must also be selected.

ACCESSORY DATA — HIRU INDOOR COPELAND UNITS
(Continued)

Unit Model/HIRU	Current Sensing Relay	*Suction Line Vibration Eliminator (1)	*Suction Line Vibration Eliminator (1)	*Suction Line Filter	*Suction Filter Steel (1)	*Suction Filter Brass (1)	*Suction Line Accumulator	*Motor Contactor In Enclosure (208-230V)	*Drier/Sightglass	*Drier/Sightglass	PE Heat Reclaim & ALCO Winter Control (2, 3)	PE Heat Reclaim & ALCO Winter Control (2, 3)	Winter Heat Reclaim & Sporlan Control (2, 3)	Winter Heat Reclaim & Sporlan Control (2, 3)	Winter Control (2, 3)	Winter Control (2, 3)	Winter Control (2, 3)	Winter Control (2, 3)	Crankcase Heater	*Liquid Line Solenoid	*Discharge Line Vibration Eliminator (2)	Receiver	Drier/Sightglass	*Drier/Sightglass	Standard Receiver	Receiver	Over-size Receiver Kits (3)	Removable Core Drier Kits	Shipping Crate
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*Field Installed

R502 MEDIUM TEMPERATURE — RS

0245	54DA	65EG	65DM	25ES	41ES	94DC	65DV	88EG	60ES	—	—	—	15EJ	28EJ	99EC	76DM	53DA	93EG	89EG	61ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG
0355	55DA	69EG	66DM	26ES	42ES	95DC	65DV	89EG	61ES	13EK	24EK	34EK	17EJ	30EJ	99EC	76DM	53DA	94EG	43EK	67ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG	
0375	55DA	69EG	66DM	26ES	42ES	95DC	65DV	89EG	61ES	13EK	24EK	34EK	17EJ	30EJ	99EC	76DM	54DA	94EG	43EK	67ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG	
0475	25DD	55DA	71EP	66DM	27ES	45ES	95DC	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	54DA	95EG	21EP	65ES	25EP	25EP	25EP	25EP	25EP	25EP	25EP	26EG	
0525	25DD	55DA	71EP	66DM	27ES	45ES	95DC	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	24EP	24EP	24EP	24EP	24EP	24EP	24EP	26EG	
0725	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	65ES	10EP	16EP	03EP	13EP	99EC	48DV	54DA	22EP	23EP	66ES	25EP	25EP	25EP	25EP	25EP	25EP	25EP	26EG	
0735	—	57DA	73EP	68DM	28ES	47ES	96DC	67DV	91EG	62ES	31EP	37EP	28EP	33EP	23DB	49DV	54DA	96EG	92EG	63ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG	
1015	—	57DA	73EP	68DM	28ES	47ES	96DC	67DV	91EG	62ES	31EP	37EP	28EP	33EP	23DB	49DV	54DA	96EG	92EG	63ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG	
1415	—	57DA	73EP	68DM	28ES	47ES	96DC	68DV	92EG	63ES	19EK	30EK	40EK	23EJ	36EJ	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG	
1815	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	20EK	31EK	41EK	24EJ	37EJ	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG	
2215	—	58DA	73EG	69DM	29ES	49ES	50FC	69DV	92EG	63ES	22EK	32EK	42EK	26EJ	38EJ	49DV	56DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG	

R502 LOW TEMPERATURE — RL

0095	54DA	64EG	65DM	50EO	39ES	94DC	65DV	88EG	60ES	—	—	—	—	43WK	27EJ	20DB	76DM	53DA	83EG	61ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG
0145	54DA	64EG	65DM	50EO	39ES	94DC	65DV	88EG	60ES	—	—	—	—	43WK	27EJ	20DB	76DM	53DA	83EG	61ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG
0165	54DA	65EG	65DM	24ES	40ES	94DC	65DV	88EG	60ES	—	—	—	—	15EJ	28EJ	20DB	76DM	53DA	83EG	61ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG
0215	—	54DA	65EG	65DM	24ES	40ES	94DC	65DV	89EG	60ES	—	—	—	15EJ	28EJ	99EC	76DM	53DA	83EG	61ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG
0315	—	55DA	67EG	66DM	51EO	43ES	95DC	65DV	89EG	61ES	12EK	23EK	33EK	16EJ	29EJ	99EC	76DM	53DA	94EG	48EK	67ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	24EG
0325	—	55DA	67EG	66DM	51EO	43ES	95DC	65DV	89EG	61ES	12EK	23EK	33EK	16EJ	29EJ	99EC	76DM	53DA	94EG	43EK	67ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	26EG
0335	—	55DA	67EG	66DM	51EO	43ES	95DC	65DV	89EG	61ES	12EK	23EK	33EK	16EJ	29EJ	99EC	76DM	53DA	94EG	43EK	67ES	42EJ	42EJ	42EJ	42EJ	42EJ	42EJ	26EG
0495	25DD	56DA	70EP	67DM	52EO	44ES	29DD	65DV	20EP	64ES	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	24EP	24EP	24EP	24EP	24EP	24EP	26EG
0515	25DD	56DA	70EP	67DM	52EO	44ES	29DD	65DV	20EP	64ES	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	24EP	24EP	24EP	24EP	24EP	24EP	26EG
0705	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	65ES	10EP	16EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	25EP	25EP	25EP	25EP	25EP	26EG
0715	25DD	56DA	72EP	67DM	53EO	46ES	29DD	66DV	21EP	65ES	10EP	16EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	25EP	25EP	25EP	25EP	25EP	26EG
0915	25DD	57DA	73EP	68DM	28ES	47ES	96DC	66DV	21EP	65ES	10EP	16EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	25EP	25EP	25EP	25EP	25EP	25EP	25EP	26EG
1315	—	57DA	72EG	68DM	54EO	48ES	96DC	67DV	91EG	62ES	30EP	34EP	27EP	32EP	24DB	49DV	54DA	96EG	92EG	63ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG
1515	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	20EK	31EK	41EK	24EJ	37EJ	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG
2015	—	58DA	73EP	69DM	29ES	49ES	50FC	68DV	92EG	63ES	20EK	31EK	41EK	24EJ	37EJ	49DV	55DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG
2515	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	22EK	32EK	42EK	26EJ	38EJ	49DV	56DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG
3015	—	58DA	73EG	69DM	29ES	49ES	50FC	68DV	92EG	63ES	22EK	32EK	42EK	26EJ	38EJ	49DV	56DA	97EG	45EK	68ES	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	44EJ	26EG

NOTES: (1.) Factory installed suction filter kits include suction vibration eliminator.

(2.) Heat reclaim and/or winter control kits include discharge vibration eliminator.

(3.) When winter control is selected, an oversize receiver must also be selected.