

HIRU-REMOTE CONDENSING UNITS COPELAND DISCUS 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
0304RL COMPR. MODEL 2DF-0300	-15	24000	3.67	23000	3.75	21900	3.82	20900	3.89	19900	3.95	18900	4.00
	-20	21000	3.47	20100	3.54	19200	3.59	18300	3.64	17300	3.68	16400	3.72
	-25	18300	3.27	17500	3.31	16700	3.35	15800	3.38	14900	3.40	14100	3.41
	-30	15900	3.05	15100	3.08	14300	3.09	13500	3.10	12600	3.09	11700	3.07
	-35	13600	2.81	12800	2.82	12000	2.81	11200	2.79	10300	2.75	9400	2.70
	-40	11400	2.55	10600	2.52	9790	2.49	8890	2.43	7940	2.36	6920	2.27
0404RL COMPR. MODEL 2DL-0400	-15	26900	4.05	25600	4.13	24400	4.21	23300	4.27	22100	4.33	21000	4.38
	-20	23500	3.83	22500	3.89	21400	3.95	20300	4.00	19300	4.04	18300	4.07
	-25	20500	3.60	19500	3.65	18600	3.69	17600	3.72	16700	3.74	15700	3.75
	-30	17800	3.36	16900	3.39	16000	3.41	15100	3.42	14200	3.42	13300	3.40
	-35	15200	3.11	14400	3.12	13500	3.12	12700	3.11	11800	3.08	10900	3.04
	-40	12900	2.84	12000	2.83	11200	2.81	10300	2.77	9390	2.71	8450	2.65
0504RL COMPR. MODEL 2DA-0600	-15	31200	4.70	29900	4.80	28700	4.90	27400	4.99	26200	5.07	24900	5.14
	-20	27400	4.45	26300	4.54	25100	4.62	24000	4.69	22800	4.74	21700	4.78
	-25	24000	4.19	22900	4.27	21900	4.33	20900	4.37	19800	4.40	18600	4.42
	-30	20900	3.94	19900	3.99	19000	4.03	18000	4.05	16900	4.05	15800	4.04
	-35	18100	3.68	17200	3.71	16300	3.72	15300	3.71	14200	3.69	13100	3.64
	-40	15500	3.41	14700	3.41	13700	3.40	12700	3.36	11600	3.30	10400	3.22
0524RL COMPR. MODEL 2DB-0600	-15	33300	4.98	31900	5.08	30500	5.18	29200	5.27	27800	5.36	26500	5.43
	-20	29200	4.70	28000	4.79	26800	4.88	25600	4.95	24400	5.02	23300	5.08
	-25	25600	4.43	24500	4.50	23500	4.57	22400	4.63	21300	4.68	20300	4.73
	-30	22300	4.15	21400	4.21	20400	4.26	19500	4.31	18500	4.34	17500	4.37
	-35	19400	3.87	18500	3.91	17700	3.95	16700	3.98	15800	4.00	14900	4.01
	-40	16700	3.59	15900	3.61	15100	3.64	14200	3.65	13300	3.65	12300	3.65
0604RL COMPR. MODEL 3DA-0600	-15	37500	5.75	35900	5.86	34400	5.96	32800	6.05	31200	6.13	29600	6.20
	-20	32700	5.40	31300	5.48	29900	5.55	28400	5.62	26900	5.67	25400	5.71
	-25	28400	5.03	27100	5.09	25800	5.14	24400	5.18	23000	5.20	21600	5.21
	-30	24400	4.67	23200	4.70	22000	4.72	20700	4.73	19500	4.73	18200	4.72
	-35	20800	4.29	19700	4.30	18600	4.30	17400	4.29	16200	4.27	15000	4.23
	-40	17500	3.92	16500	3.91	15400	3.88	14300	3.85	13200	3.80	12100	3.74
0734RL COMPR. MODEL 3DB-0750	-15	45300	6.84	43500	6.99	41800	7.14	40000	7.27	38300	7.40	36500	7.52
	-20	39800	6.45	38200	6.58	36600	6.70	35000	6.81	33400	6.91	31800	7.00
	-25	34700	6.05	33300	6.15	31900	6.25	30400	6.33	29000	6.41	27600	6.48
	-30	30200	5.64	28900	5.72	27600	5.79	26300	5.86	25000	5.91	23600	5.96
	-35	26000	5.23	24800	5.29	23600	5.34	22400	5.38	21300	5.42	20100	5.44
	-40	22200	4.82	21100	4.86	20000	4.89	19000	4.91	17900	4.93	16800	4.94
0934RL COMPR. MODEL 3DF-0900	-15	53500	8.24	51400	8.42	49300	8.59	47200	8.75	45000	8.89	42900	9.03
	-20	47100	7.75	45200	7.90	43300	8.04	41400	8.17	39500	8.28	37500	8.39
	-25	41300	7.25	39600	7.37	37900	7.48	36100	7.58	34400	7.67	32600	7.75
	-30	36000	6.74	34500	6.84	32900	6.92	31300	6.99	29800	7.06	28200	7.11
	-35	31200	6.23	29800	6.30	28400	6.36	27000	6.41	25500	6.45	24100	6.48
	-40	26800	5.72	25600	5.76	24300	5.80	23000	5.83	21700	5.85	20400	5.86

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 COPELAND DISCUS 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
1064RL COMPR. MODEL 3DS-1000	-15	59900	9.33	57600	9.53	55300	9.72	53000	9.90	50700	10.07	48400	10.23
	-20	52600	8.76	50500	8.93	48400	9.08	46300	9.23	44300	9.37	42200	9.50
	-25	45900	8.17	44000	8.31	42200	8.44	40300	8.56	38400	8.66	36500	8.76
	-30	39800	7.58	38100	7.69	36500	7.78	34800	7.87	33100	7.95	31400	8.02
	-35	34300	6.98	32800	7.06	31300	7.13	29700	7.19	28200	7.24	26600	7.28
	-40	29300	6.37	27900	6.43	26500	6.47	25100	6.50	23700	6.53	22300	6.55
1314RL COMPR. MODEL 4DA-1000	-15	66300	10.44	63500	10.68	60800	10.92	58100	11.15	55300	11.39	52600	11.63
	-20	58200	9.77	55700	9.96	53200	10.16	50700	10.35	48200	10.55	45700	10.74
	-25	50800	9.09	48500	9.24	46200	9.39	43900	9.54	41700	9.69	39400	9.84
	-30	44000	8.41	41900	8.52	39800	8.62	37700	8.73	35700	8.84	33600	8.95
	-35	37800	7.74	35900	7.81	34000	7.87	32100	7.94	30200	8.00	28300	8.07
	-40	32100	7.10	30400	7.12	28700	7.15	26900	7.17	25200	7.20	23500	7.22
1514RL COMPR. MODEL 4DL-1500	-15	79500	12.81	76300	13.06	73000	13.31	69800	13.55	66500	13.80	63300	14.05
	-20	69800	11.93	66800	12.13	63800	12.33	60900	12.53	57900	12.73	54900	12.93
	-25	60900	11.06	58200	11.21	55400	11.36	52700	11.52	50000	11.67	47300	11.83
	-30	52800	10.21	50300	10.31	47800	10.42	45300	10.53	42900	10.64	40400	10.74
	-35	45500	9.39	43200	9.45	40900	9.51	38600	9.57	36400	9.64	34100	9.70
	-40	38800	8.61	36700	8.63	34600	8.64	32600	8.66	30500	8.68	28400	8.70
2204RL COMPR. MODEL 4DT-2200	-15	96800	15.77	93100	16.11	89300	16.45	85600	16.78	81900	17.12	78100	17.45
	-20	86000	14.91	82600	15.19	79100	15.48	75700	15.76	72300	16.05	68800	16.34
	-25	76100	14.05	72900	14.29	69800	14.52	66600	14.76	63500	14.99	60300	15.23
	-30	67000	13.22	64100	13.40	61200	13.59	58300	13.77	55400	13.95	52500	14.14
	-35	58800	12.41	56100	12.55	53400	12.68	50700	12.82	48000	12.95	45400	13.09
	-40	51200	11.64	48700	11.73	46300	11.82	43800	11.91	41300	11.99	38900	12.08
2704RL COMPR. MODEL 6DL-2700	-15	124000	20.14	119000	20.37	113000	20.57	107000	20.74	101000	20.89	94900	21.00
	-20	109000	18.79	104000	18.94	99100	19.06	93800	19.14	88100	19.19	82300	19.21
	-25	95500	17.41	90900	17.49	86100	17.52	81100	17.51	75800	17.47	70400	17.39
	-30	82800	16.03	78500	16.01	74000	15.96	69300	15.86	64300	15.72	59200	15.54
	-35	71100	14.62	67000	14.52	62800	14.37	58300	14.18	53700	13.95	48800	13.67
	-40	60400	13.20	56500	13.01	52500	12.77	48200	12.48	43800	12.14	39200	11.76
3014RL COMPR. MODEL 6DT-3000	-15	143000	24.14	136000	24.43	129000	24.68	121000	24.89	113000	25.06	105000	25.20
	-20	125000	22.42	119000	22.67	112000	22.87	106000	23.04	98700	23.17	91600	23.26
	-25	108000	20.73	103000	20.93	97300	21.09	91500	21.21	85500	21.29	79200	21.33
	-30	93300	19.08	88700	19.23	83800	19.34	78800	19.41	73600	19.44	68200	19.42
	-35	80000	17.45	76000	17.56	71800	17.61	67500	17.63	63100	17.60	58500	17.52
	-40	68300	15.86	64900	15.91	61400	15.91	57700	15.87	54000	15.78	50100	15.64

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
COPELAND DISCUS 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	
0444FS COMPR. MODEL 2DF-0300	25	38000	3.09	36600	3.21	35300	3.32	34000	3.42	32700	3.52	31400	3.62	
	20	33800	3.00	32700	3.10	31500	3.20	30300	3.29	29200	3.38	28000	3.46	
	15	30000	2.90	29000	2.99	27900	3.07	26900	3.15	25900	3.23	24800	3.30	
	10	26500	2.78	25600	2.86	24700	2.93	23800	3.00	22900	3.07	22000	3.13	
	5	23300	2.66	22500	2.72	21700	2.79	20900	2.85	20100	2.91	19300	2.96	
	0	20400	2.53	19700	2.59	19000	2.64	18300	2.70	17600	2.75	16900	2.80	
	0504FS COMPR. MODEL 2DA-0500	25	47600	3.94	46000	4.09	44300	4.24	42700	4.37	41100	4.50	39500	4.62
		20	42500	3.82	41000	3.96	39500	4.08	38100	4.20	36700	4.32	35300	4.43
		15	37800	3.69	36500	3.80	35200	3.92	33900	4.02	32600	4.12	31400	4.22
		10	33500	3.54	32300	3.64	31200	3.74	30100	3.84	28900	3.93	27800	4.01
5		29600	3.38	28600	3.47	27500	3.56	26500	3.64	25500	3.72	24500	3.80	
0		26000	3.22	25100	3.30	24200	3.38	23300	3.45	22400	3.53	21500	3.59	
0534FS COMPR. MODEL 2DB-0500		25	51000	4.20	49400	4.37	47700	4.53	46100	4.68	44400	4.82	42700	4.95
		20	45600	4.08	44100	4.22	42600	4.36	41100	4.50	39600	4.62	38000	4.74
		15	40600	3.93	39200	4.06	37900	4.19	36500	4.30	35100	4.41	33700	4.51
		10	36000	3.78	34800	3.89	33600	4.00	32300	4.10	31100	4.19	29800	4.28
	5	31800	3.61	30700	3.71	29600	3.80	28500	3.89	27400	3.97	26300	4.05	
	0	28000	3.44	27100	3.52	26100	3.60	25100	3.68	24200	3.75	23200	3.82	
	0544FS COMPR. MODEL 3DA-0500	25	56400	4.87	54500	5.04	52700	5.22	50900	5.39	49100	5.55	47500	5.72
		20	50200	4.72	48500	4.88	46900	5.03	45300	5.19	43700	5.34	42300	5.49
		15	44400	4.55	43000	4.70	41500	4.84	40200	4.98	38800	5.12	37500	5.25
		10	39200	4.38	38000	4.51	36700	4.64	35500	4.76	34300	4.88	33200	5.00
5		34500	4.19	33400	4.31	32300	4.42	31300	4.53	30200	4.63	29300	4.73	
0		30200	3.99	29300	4.10	28300	4.19	27400	4.29	26500	4.38	25700	4.46	
0744FS COMPR. MODEL 3DB-0750		25	68000	5.67	65700	5.89	63400	6.10	61100	6.30	59000	6.49	56900	6.68
		20	60800	5.50	58700	5.69	56600	5.88	54700	6.06	52800	6.24	51000	6.42
		15	54100	5.30	52200	5.47	50400	5.64	48700	5.81	47000	5.97	45400	6.13
		10	48000	5.08	46300	5.23	44700	5.39	43200	5.54	41700	5.69	40300	5.83
	5	42300	4.83	40800	4.97	39400	5.11	38100	5.25	36800	5.39	35600	5.53	
	0	37100	4.58	35800	4.70	34500	4.83	33300	4.96	32200	5.09	31100	5.22	
	0944FS COMPR. MODEL 3DF-0900	25	80500	7.05	77900	7.28	75300	7.50	72800	7.71	70300	7.91	67900	8.11
		20	72200	6.83	69800	7.04	67500	7.23	65200	7.42	63000	7.60	60900	7.77
		15	64500	6.59	62400	6.77	60300	6.94	58300	7.10	56300	7.27	54400	7.42
		10	57400	6.32	55500	6.47	53700	6.62	51900	6.77	50100	6.91	48400	7.05
5		50900	6.02	49200	6.16	47600	6.29	46000	6.42	44400	6.55	42900	6.67	
0		45000	5.71	43400	5.83	41900	5.95	40500	6.06	39100	6.18	37700	6.29	
0914FS COMPR. MODEL 3DS-0750		25	88600	7.67	86000	7.97	83400	8.25	80800	8.53	78200	8.80	75600	9.07
		20	79600	7.44	77200	7.71	74800	7.96	72400	8.21	70100	8.46	67700	8.69
		15	71200	7.18	69100	7.42	66900	7.65	64700	7.87	62600	8.09	60400	8.30
		10	63500	6.90	61500	7.11	59600	7.32	57600	7.51	55600	7.70	53700	7.89
	5	56400	6.60	54600	6.78	52800	6.96	51000	7.13	49300	7.30	47500	7.46	
	0	49800	6.27	48200	6.43	46600	6.59	45000	6.74	43400	6.88	41800	7.02	
	0954FS COMPR. MODEL 3DS-1000	25	88700	7.94	86000	8.19	83300	8.44	80700	8.68	78200	8.92	75700	9.14
		20	79600	7.67	77200	7.90	74800	8.12	72500	8.33	70200	8.54	68000	8.74
		15	71200	7.37	69000	7.57	66900	7.76	64800	7.95	62800	8.14	60900	8.31
		10	63500	7.04	61600	7.22	59700	7.39	57800	7.55	56000	7.71	54300	7.87
5		56400	6.69	54700	6.84	53000	6.99	51300	7.13	49800	7.28	48200	7.42	
0		49900	6.32	48400	6.45	46800	6.58	45400	6.70	43900	6.83	42600	6.96	

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 COPELAND DISCUS 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
1344FS	25	100000	8.74	97100	9.06	93800	9.37	90500	9.69	87200	10.00	83900	10.32
	20	90400	8.48	87300	8.75	84300	9.03	81200	9.31	78200	9.59	75100	9.87
	15	81000	8.20	78200	8.44	75400	8.68	72600	8.92	69800	9.17	67000	9.41
COMPR. MODEL 4DA-1000	10	72400	7.92	69800	8.13	67200	8.33	64600	8.54	62000	8.74	59400	8.95
	5	64300	7.65	62000	7.82	59600	7.99	57200	8.16	54800	8.33	52400	8.50
	0	56900	7.37	54700	7.51	52500	7.64	50300	7.78	48200	7.92	46000	8.06
1534FS	25	125000	10.88	121000	11.29	116000	11.71	112000	12.13	108000	12.55	104000	12.97
	20	112000	10.55	108000	10.92	104000	11.29	101000	11.67	96900	12.04	93200	12.41
	15	99700	10.22	96300	10.54	93000	10.87	89700	11.19	86300	11.52	83000	11.84
COMPR. MODEL 4DH-1500	10	88500	9.88	85500	10.16	82500	10.44	79500	10.72	76500	11.00	73500	11.28
	5	78100	9.54	75500	9.78	72800	10.02	70100	10.26	67400	10.50	64800	10.73
	0	68600	9.21	66200	9.41	63800	9.61	61400	9.80	59000	10.00	56600	10.20
2014FS	25	151000	14.22	146000	14.63	141000	15.05	135000	15.46	130000	15.87	125000	16.28
	20	136000	13.63	131000	14.00	126000	14.37	121000	14.74	116000	15.11	112000	15.48
	15	121000	13.04	117000	13.37	113000	13.70	109000	14.02	104000	14.35	100000	14.68
COMPR. MODEL 4DJ-2000	10	109000	12.47	105000	12.75	101000	13.04	97300	13.33	93600	13.61	89800	13.90
	5	96900	11.91	93600	12.16	90400	12.40	87100	12.65	83900	12.90	80600	13.15
	0	86300	11.38	83500	11.58	80800	11.79	78000	12.00	75200	12.21	72400	12.42
2314FS	25	190000	17.09	185000	17.68	179000	18.27	174000	18.86	169000	19.45	163000	20.03
	20	172000	16.53	167000	17.05	162000	17.57	157000	18.09	151000	18.61	146000	19.13
	15	155000	15.97	150000	16.42	145000	16.87	140000	17.32	135000	17.78	130000	18.23
COMPR. MODEL 6DH-2000	10	139000	15.40	134000	15.79	130000	16.17	125000	16.56	120000	16.95	115000	17.34
	5	124000	14.83	120000	15.16	115000	15.48	110000	15.81	106000	16.14	101000	16.46
	0	111000	14.28	106000	14.55	102000	14.81	97200	15.08	92700	15.34	88300	15.61

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 COPELAND DISCUS 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
0444FS COMPR. MODEL 2DF-0300	45	60500	3.29	58500	3.48	56400	3.65	54400	3.82	52400	3.98	50300	4.13
	40	54600	3.27	52800	3.44	50900	3.59	49100	3.74	47200	3.89	45400	4.02
	35	49200	3.23	47500	3.38	45800	3.52	44200	3.65	42500	3.78	40800	3.90
	30	44100	3.17	42600	3.30	41100	3.43	39600	3.55	38100	3.66	36600	3.77
	25	39500	3.09	38100	3.21	36800	3.32	35400	3.42	34100	3.52	32700	3.62
	20	35200	3.00	34000	3.10	32700	3.20	31500	3.29	30300	3.38	29100	3.46
0504FS COMPR. MODEL 2DA-0500	45	75900	4.24	73300	4.47	70700	4.69	68100	4.90	65600	5.10	63000	5.29
	40	68500	4.20	66100	4.41	63800	4.61	61500	4.80	59100	4.98	56800	5.15
	35	61600	4.14	59500	4.32	57400	4.50	55300	4.67	53200	4.83	51200	4.99
	30	55300	4.05	53400	4.22	51500	4.38	49600	4.53	47800	4.68	45900	4.81
	25	49500	3.94	47800	4.09	46100	4.24	44400	4.37	42800	4.50	41100	4.62
	20	44200	3.82	42600	3.96	41100	4.08	39600	4.20	38200	4.32	36700	4.43
0744FS COMPR. MODEL 3DB-0750	45	104000	6.05	100000	6.36	96500	6.67	93000	6.96	89600	7.25	86300	7.52
	40	93600	6.01	90400	6.30	87200	6.57	84100	6.84	81000	7.10	78000	7.35
	35	84400	5.93	81500	6.19	78600	6.44	75800	6.69	73100	6.93	70400	7.16
	30	75900	5.82	73200	6.05	70700	6.28	68200	6.51	65800	6.72	63400	6.93
	25	68000	5.67	65700	5.89	63400	6.10	61100	6.30	59000	6.49	56900	6.68
	20	60800	5.50	58700	5.69	56600	5.88	54700	6.06	52800	6.24	51000	6.42
0944FS COMPR. MODEL 3DF-0900	45	121000	7.57	117000	7.92	113000	8.25	110000	8.58	106000	8.89	102000	9.18
	40	110000	7.50	106000	7.82	103000	8.12	99300	8.41	95900	8.69	92500	8.96
	35	99300	7.39	96100	7.67	92900	7.95	89800	8.21	86700	8.46	83600	8.71
	30	89500	7.24	86600	7.49	83700	7.74	80900	7.98	78100	8.20	75400	8.42
	25	80500	7.05	77900	7.28	75300	7.50	72800	7.71	70300	7.91	67900	8.11
	20	72200	6.83	69800	7.04	67500	7.23	65200	7.42	63000	7.60	60900	7.77
0954FS COMPR. MODEL 3DS-1000	45	133000	8.62	129000	9.01	125000	9.39	121000	9.76	117000	10.12	113000	10.47
	40	121000	8.52	117000	8.87	113000	9.22	110000	9.55	106000	9.88	103000	10.19
	35	109000	8.36	106000	8.68	103000	9.00	99300	9.30	96200	9.59	93100	9.87
	30	98500	8.17	95500	8.46	92600	8.74	89700	9.01	86800	9.27	84000	9.52
	25	88700	7.94	86000	8.19	83300	8.44	80700	8.68	78200	8.92	75700	9.14
	20	79600	7.67	77200	7.90	74800	8.12	72500	8.33	70200	8.54	68000	8.74
1344FS COMPR. MODEL 4DA-1000	45	148000	9.58	144000	10.05	139000	10.51	135000	10.97	130000	11.44	126000	11.90
	40	135000	9.42	131000	9.85	127000	10.28	123000	10.71	118000	11.13	114000	11.56
	35	123000	9.22	119000	9.61	115000	10.00	111000	10.39	107000	10.79	103000	11.18
	30	111000	8.99	108000	9.35	104000	9.70	100000	10.05	96900	10.41	93300	10.76
	25	100000	8.74	97100	9.06	93800	9.37	90500	9.69	87200	10.00	83900	10.32
	20	90400	8.48	87300	8.75	84300	9.03	81200	9.31	78200	9.59	75100	9.87
1534FS COMPR. MODEL 4DH-1500	45	187000	11.93	180000	12.53	174000	13.14	168000	13.74	162000	14.35	156000	14.95
	40	169000	11.72	164000	12.28	158000	12.84	153000	13.40	147000	13.96	142000	14.52
	35	154000	11.47	149000	11.98	144000	12.49	139000	13.01	134000	13.52	128000	14.03
	30	139000	11.18	134000	11.65	130000	12.12	125000	12.58	120000	13.05	116000	13.51
	25	125000	10.88	121000	11.29	116000	11.71	112000	12.13	108000	12.55	104000	12.97
	20	112000	10.55	108000	10.92	104000	11.29	101000	11.67	96900	12.04	93200	12.41
2014FS COMPR. MODEL 4DJ-2000	45	231000	16.55	224000	17.12	216000	17.70	209000	18.28	201000	18.85	194000	19.43
	40	208000	15.99	201000	16.53	194000	17.07	187000	17.60	180000	18.14	173000	18.68
	35	187000	15.41	181000	15.91	175000	16.41	168000	16.90	162000	17.40	155000	17.90
	30	168000	14.82	163000	15.27	157000	15.73	151000	16.18	145000	16.64	139000	17.09
	25	151000	14.22	146000	14.63	141000	15.05	135000	15.46	130000	15.87	125000	16.28
	20	136000	13.63	131000	14.00	126000	14.37	121000	14.74	116000	15.11	112000	15.48
2314FS COMPR. MODEL 6DH-2000	45	275000	19.00	268000	19.87	262000	20.73	255000	21.60	249000	22.47	243000	23.33
	40	252000	18.60	246000	19.40	239000	20.19	233000	20.99	227000	21.79	221000	22.59
	35	230000	18.14	224000	18.86	218000	19.59	212000	20.32	207000	21.05	201000	21.78
	30	209000	17.63	204000	18.29	198000	18.95	193000	19.60	187000	20.26	182000	20.92
	25	190000	17.09	185000	17.68	179000	18.27	174000	18.86	169000	19.45	163000	20.03
	20	172000	16.53	167000	17.05	162000	17.57	157000	18.09	151000	18.61	146000	19.13

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 COPELAND DISCUS COMPRESSORS

R22 MEDIUM/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	
0484VH COMPR. MODEL 2DC-0500	45	73100	3.89	70600	4.13	68100	4.37	65600	4.59	63100	4.81	60600	5.02	
	40	65700	3.89	63400	4.11	61200	4.31	58900	4.51	56600	4.70	54300	4.89	
	35	58900	3.86	56800	4.05	54700	4.23	52600	4.41	50500	4.57	48400	4.73	
	30	52700	3.80	50700	3.96	48800	4.12	46900	4.27	44900	4.42	43000	4.55	
	25	46900	3.71	45100	3.85	43300	3.99	41500	4.12	39700	4.24	37900	4.35	
	20	41600	3.59	39900	3.72	38300	3.83	36600	3.94	34900	4.04	33300	4.13	
	15	36600	3.46	35100	3.56	33600	3.65	32000	3.74	30500	3.82	28900	3.89	
	10	32100	3.30	30700	3.38	29200	3.46	27800	3.53	26400	3.59	24900	3.64	
	0494VH COMPR. MODEL 2DD-0500	45	84300	4.52	81500	4.80	78700	5.07	75800	5.34	73000	5.60	70200	5.85
		40	76000	4.50	73400	4.76	70800	5.00	68200	5.24	65600	5.47	63000	5.69
35		68200	4.46	65800	4.68	63500	4.90	61100	5.12	58700	5.32	56300	5.51	
30		61100	4.38	58900	4.58	56700	4.78	54500	4.96	52300	5.14	50200	5.31	
25		54500	4.28	52500	4.46	50500	4.62	48500	4.78	46500	4.94	44500	5.08	
20		48400	4.15	46600	4.30	44700	4.45	42900	4.58	41000	4.71	39200	4.83	
15		42800	4.00	41100	4.13	39400	4.25	37700	4.36	36000	4.47	34300	4.57	
10		37600	3.83	36000	3.94	34500	4.04	32900	4.13	31300	4.21	29700	4.29	
0654VH COMPR. MODEL 2DL-0750		45	104000	5.68	101000	6.02	98100	6.36	94800	6.69	91500	7.01	88100	7.32
		40	94300	5.66	91400	5.98	88400	6.28	85400	6.58	82400	6.87	79300	7.15
	35	85000	5.61	82300	5.89	79600	6.17	76800	6.44	74000	6.70	71100	6.95	
	30	76300	5.52	73900	5.78	71400	6.02	68800	6.26	66300	6.49	63600	6.71	
	25	68300	5.40	66100	5.63	63800	5.84	61500	6.05	59100	6.25	56700	6.45	
	20	60900	5.24	58800	5.44	56700	5.63	54600	5.81	52500	5.99	50300	6.15	
	15	54000	5.05	52100	5.22	50200	5.39	48300	5.54	46300	5.69	44300	5.83	
	10	47600	4.83	45900	4.98	44200	5.11	42400	5.24	40600	5.36	38800	5.48	
	0704VH COMPR. MODEL 2DA-0750	45	118000	6.52	114000	6.92	110000	7.30	106000	7.68	103000	8.05	98700	8.40
		40	106000	6.50	103000	6.86	99600	7.21	96200	7.55	92700	7.88	89200	8.21
35		96000	6.43	92900	6.76	89800	7.08	86700	7.39	83500	7.68	80400	7.97	
30		86400	6.34	83600	6.63	80700	6.91	77900	7.19	75000	7.45	72100	7.70	
25		77500	6.20	74900	6.46	72300	6.71	69700	6.95	67000	7.17	64300	7.39	
20		69200	6.03	66800	6.25	64400	6.46	61900	6.66	59400	6.85	56900	7.03	
15		61500	5.81	59300	6.00	57000	6.17	54700	6.34	52300	6.49	49800	6.63	
10		54200	5.55	52100	5.70	50000	5.84	47700	5.97	45400	6.08	43000	6.18	
0724VS COMPR. MODEL 3DA-0750		45	141000	7.80	137000	8.29	132000	8.77	128000	9.23	124000	9.67	119000	10.11
		40	128000	7.80	124000	8.25	120000	8.68	116000	9.10	112000	9.50	108000	9.89
	35	115000	7.76	112000	8.16	108000	8.55	105000	8.93	101000	9.29	97500	9.64	
	30	104000	7.66	101000	8.02	97500	8.37	94200	8.71	91000	9.04	87800	9.35	
	25	93500	7.52	90500	7.85	87500	8.16	84600	8.46	81700	8.75	78800	9.03	
	20	83800	7.35	81100	7.63	78400	7.91	75700	8.18	73100	8.43	70400	8.68	
	15	74900	7.13	72400	7.39	69900	7.63	67500	7.87	65100	8.09	62700	8.31	
	10	66600	6.89	64400	7.11	62100	7.32	59900	7.53	57700	7.73	55500	7.92	
	1024VS COMPR. MODEL 3DB-1000	45	166000	9.15	161000	9.76	156000	10.34	151000	10.91	146000	11.46	141000	11.99
		40	150000	9.17	146000	9.72	141000	10.25	137000	10.77	132000	11.27	128000	11.75
35		136000	9.13	132000	9.63	128000	10.11	124000	10.58	120000	11.03	115000	11.46	
30		123000	9.03	119000	9.48	116000	9.91	112000	10.33	108000	10.74	104000	11.12	
25		111000	8.88	107000	9.28	104000	9.67	101000	10.05	97100	10.41	93600	10.75	
20		99700	8.68	96600	9.04	93500	9.39	90300	9.72	87100	10.04	83900	10.34	
15		89400	8.45	86600	8.77	83700	9.07	80800	9.36	77900	9.64	74900	9.90	
10		80000	8.18	77400	8.46	74700	8.72	72000	8.98	69300	9.22	66600	9.45	

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.

HUSSMANN®

A Whitman Company

**HIRU-REMOTE CONDENSING UNITS
COPELAND DISCUS COMPRESSORS****R22 MEDIUM/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
1464VS	45	221000	12.79	214000	13.55	207000	14.30	200000	15.03	193000	15.73	186000	16.41
	40	200000	12.74	194000	13.44	187000	14.12	181000	14.78	175000	15.43	169000	16.06
	35	181000	12.61	175000	13.24	170000	13.87	164000	14.47	159000	15.07	153000	15.64
	30	163000	12.40	158000	12.98	153000	13.55	148000	14.10	143000	14.64	139000	15.17
	25	147000	12.13	143000	12.66	138000	13.17	134000	13.67	129000	14.17	125000	14.65
	20	132000	11.80	128000	12.27	124000	12.74	120000	13.20	116000	13.64	112000	14.08
	15	118000	11.41	114000	11.84	111000	12.26	107000	12.68	104000	13.09	101000	13.49
	10	105000	10.98	102000	11.36	98700	11.74	95500	12.12	92500	12.50	89500	12.88
COMPR. MODEL 3DS-1500	45	239000	13.89	233000	14.76	226000	15.64	219000	16.51	212000	17.39	205000	18.26
	40	217000	13.71	210000	14.52	204000	15.33	198000	16.14	192000	16.95	186000	17.75
	35	196000	13.47	190000	14.21	184000	14.95	179000	15.69	173000	16.43	167000	17.17
	30	176000	13.18	171000	13.85	166000	14.52	160000	15.19	155000	15.87	150000	16.54
	25	158000	12.85	153000	13.45	148000	14.06	144000	14.66	139000	15.26	134000	15.87
	20	141000	12.49	137000	13.03	132000	13.56	128000	14.10	124000	14.64	120000	15.17
	15	125000	12.11	121000	12.58	118000	13.06	114000	13.53	110000	14.00	106000	14.47
	10	111000	11.73	107000	12.13	104000	12.54	100000	12.95	96900	13.35	93400	13.76
1964VS	45	315000	18.83	306000	19.89	296000	20.94	286000	21.99	277000	23.04	267000	24.09
	40	284000	18.52	275000	19.49	266000	20.46	257000	21.43	249000	22.40	240000	23.37
	35	254000	18.13	246000	19.01	238000	19.90	230000	20.78	222000	21.66	215000	22.54
	30	227000	17.68	220000	18.47	213000	19.27	206000	20.06	198000	20.86	191000	21.66
	25	202000	17.18	196000	17.88	189000	18.59	183000	19.30	176000	20.01	170000	20.72
	20	179000	16.64	173000	17.27	167000	17.89	162000	18.51	156000	19.13	150000	19.76
	15	158000	16.09	152000	16.63	147000	17.17	142000	17.70	137000	18.24	132000	18.78
	10	138000	15.53	133000	15.98	129000	16.44	124000	16.90	119000	17.35	115000	17.81
COMPR. MODEL 4DH-2500	45	355000	22.93	345000	24.08	334000	25.23	324000	26.38	313000	27.53	303000	28.68
	40	322000	22.44	313000	23.50	303000	24.57	293000	25.64	283000	26.71	274000	27.77
	35	292000	21.85	283000	22.83	274000	23.81	265000	24.79	256000	25.77	247000	26.76
	30	263000	21.20	255000	22.09	247000	22.98	238000	23.87	230000	24.76	222000	25.65
	25	237000	20.49	229000	21.29	222000	22.09	214000	22.89	206000	23.70	199000	24.50
	20	213000	19.75	206000	20.46	198000	21.17	191000	21.88	184000	22.59	177000	23.31
	15	190000	18.98	184000	19.61	177000	20.23	171000	20.85	164000	21.48	158000	22.10
	10	169000	18.21	164000	18.75	158000	19.29	152000	19.82	146000	20.36	140000	20.90
2824VS	45	464000	28.63	450000	30.09	436000	31.55	422000	33.01	408000	34.48	394000	35.94
	40	418000	28.17	406000	29.53	393000	30.90	380000	32.26	368000	33.63	355000	34.99
	35	377000	27.59	366000	28.86	354000	30.12	342000	31.39	331000	32.65	319000	33.91
	30	339000	26.92	329000	28.09	318000	29.25	308000	30.41	297000	31.57	287000	32.73
	25	304000	26.19	295000	27.25	286000	28.30	276000	29.36	267000	30.42	258000	31.48
	20	273000	25.41	264000	26.36	256000	27.32	248000	28.27	239000	29.22	231000	30.18
	15	244000	24.60	236000	25.45	229000	26.30	221000	27.15	214000	28.00	207000	28.86
	10	217000	23.77	211000	24.53	204000	25.28	198000	26.03	191000	26.78	185000	27.53
COMPR. MODEL 6DH-3500	45	464000	28.63	450000	30.09	436000	31.55	422000	33.01	408000	34.48	394000	35.94
	40	418000	28.17	406000	29.53	393000	30.90	380000	32.26	368000	33.63	355000	34.99
	35	377000	27.59	366000	28.86	354000	30.12	342000	31.39	331000	32.65	319000	33.91
	30	339000	26.92	329000	28.09	318000	29.25	308000	30.41	297000	31.57	287000	32.73
	25	304000	26.19	295000	27.25	286000	28.30	276000	29.36	267000	30.42	258000	31.48
	20	273000	25.41	264000	26.36	256000	27.32	248000	28.27	239000	29.22	231000	30.18
	15	244000	24.60	236000	25.45	229000	26.30	221000	27.15	214000	28.00	207000	28.86
	10	217000	23.77	211000	24.53	204000	25.28	198000	26.03	191000	26.78	185000	27.53

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 COPELAND DISCUS COMPRESSORS

R502 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
0484RS	25	48700	3.91	46600	4.06	44400	4.20	42300	4.34	40100	4.47	38000	4.59
	20	43600	3.81	41600	3.94	39700	4.07	37800	4.19	35900	4.30	34000	4.41
	15	38800	3.69	37100	3.81	35400	3.92	33600	4.03	31900	4.13	30200	4.22
COMPR. MODEL 2DC-0500	10	34500	3.56	32900	3.66	31300	3.76	29800	3.85	28300	3.94	26800	4.02
	5	30500	3.41	29000	3.50	27700	3.59	26300	3.67	24900	3.74	23600	3.81
	0	26800	3.26	25500	3.33	24300	3.41	23000	3.47	21900	3.54	20700	3.60
0494RS	25	56800	4.57	54200	4.74	51600	4.90	49100	5.05	46500	5.19	44000	5.31
	20	50600	4.44	48400	4.59	46100	4.73	43800	4.86	41500	4.98	39300	5.09
	15	45100	4.29	43000	4.43	41000	4.55	39000	4.66	37000	4.77	35000	4.86
COMPR. MODEL 2DD-0500	10	40000	4.13	38200	4.24	36400	4.35	34600	4.45	32900	4.54	31100	4.62
	5	35400	3.95	33900	4.05	32300	4.14	30700	4.23	29100	4.31	27600	4.39
	0	31300	3.76	29900	3.85	28500	3.93	27100	4.01	25700	4.08	24300	4.15
0654RS	25	70700	5.73	67700	5.96	64600	6.18	61700	6.38	58700	6.58	55800	6.76
	20	63400	5.58	60600	5.78	57900	5.97	55100	6.14	52400	6.31	49800	6.47
	15	56900	5.41	54300	5.59	51800	5.75	49400	5.91	46900	6.05	44500	6.19
COMPR. MODEL 2DL-0750	10	51000	5.23	48700	5.39	46400	5.53	44200	5.67	42000	5.80	39900	5.91
	5	45500	5.03	43400	5.17	41400	5.30	39400	5.42	37500	5.54	35600	5.64
	0	40200	4.81	38400	4.93	36600	5.05	34900	5.16	33300	5.27	31700	5.37
0714RS	25	80400	6.59	77100	6.84	73700	7.09	70300	7.32	67000	7.53	63600	7.74
	20	72400	6.43	69400	6.65	66300	6.87	63300	7.07	60200	7.26	57100	7.44
	15	65100	6.24	62300	6.44	59600	6.63	56800	6.81	54000	6.97	51300	7.12
COMPR. MODEL 2DA-0750	10	58300	6.04	55900	6.21	53400	6.38	50900	6.53	48400	6.67	45900	6.80
	5	52100	5.80	49900	5.95	47700	6.10	45400	6.23	43100	6.35	40900	6.45
	0	46300	5.54	44300	5.67	42300	5.80	40300	5.91	38200	6.01	36100	6.10
0724RS	25	95900	7.98	92000	8.28	88200	8.58	84400	8.87	80700	9.15	77100	9.41
	20	86400	7.79	82900	8.07	79400	8.33	76100	8.59	72800	8.84	69600	9.08
	15	77600	7.57	74400	7.81	71300	8.05	68300	8.28	65400	8.50	62600	8.71
COMPR. MODEL 3DA-0750	10	69400	7.31	66600	7.53	63900	7.73	61200	7.94	58600	8.13	56100	8.33
	5	61900	7.03	59400	7.21	57000	7.39	54600	7.57	52300	7.75	50000	7.92
	0	55000	6.71	52800	6.87	50600	7.03	48400	7.19	46400	7.35	44400	7.50
1054RS	25	114000	9.46	109000	9.83	105000	10.19	100000	10.54	95900	10.88	91500	11.21
	20	103000	9.21	98600	9.54	94400	9.87	90400	10.18	86400	10.49	82500	10.78
	15	92300	8.91	88500	9.21	84800	9.50	81200	9.78	77600	10.05	74100	10.32
COMPR. MODEL 3DB-1000	10	82600	8.57	79200	8.84	75900	9.10	72700	9.35	69500	9.59	66400	9.83
	5	73700	8.20	70700	8.43	67700	8.66	64800	8.89	62000	9.11	59200	9.32
	0	65500	7.80	62800	8.00	60100	8.21	57500	8.41	55000	8.61	52500	8.80
1464RS	25	152000	13.03	146000	13.54	140000	14.03	134000	14.51	128000	14.98	123000	15.42
	20	137000	12.70	132000	13.15	127000	13.59	121000	14.02	116000	14.43	111000	14.83
	15	124000	12.31	119000	12.71	114000	13.10	109000	13.48	104000	13.84	99800	14.20
COMPR. MODEL 3DS-1500	10	111000	11.87	107000	12.22	102000	12.56	98100	12.89	93900	13.22	89700	13.53
	5	99500	11.37	95500	11.68	91600	11.98	87800	12.27	84000	12.55	80300	12.83
	0	88800	10.84	85200	11.10	81700	11.36	78300	11.62	74900	11.86	71600	12.11
1964RS	25	163000	14.27	157000	14.78	151000	15.29	145000	15.80	140000	16.31	134000	16.82
	20	147000	13.84	142000	14.32	136000	14.79	131000	15.26	125000	15.74	120000	16.21
	15	132000	13.36	127000	13.79	122000	14.23	117000	14.66	112000	15.10	107000	15.53
COMPR. MODEL 4DA-2000	10	118000	12.84	114000	13.23	109000	13.62	105000	14.02	100000	14.41	95300	14.81
	5	106000	12.29	101000	12.64	97200	12.99	93000	13.34	88700	13.70	84500	14.05
	0	93800	11.72	90000	12.03	86100	12.34	82300	12.65	78400	12.96	74600	13.27

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
COPELAND DISCUS COMPRESSORS****R502 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
2504RS	25	216000	19.15	207000	19.77	198000	20.40	189000	21.02	180000	21.64	171000	22.27
	20	193000	18.53	185000	19.10	177000	19.67	169000	20.24	161000	20.81	153000	21.38
	15	173000	17.84	166000	18.35	158000	18.87	151000	19.38	143000	19.89	136000	20.41
COMPR.	10	154000	17.10	148000	17.56	141000	18.01	134000	18.47	128000	18.92	121000	19.38
MODEL	5	137000	16.34	131000	16.74	125000	17.13	119000	17.53	113000	17.92	107000	18.32
4DH-2500	0	122000	15.56	116000	15.90	111000	16.23	106000	16.57	100000	16.91	95000	17.24

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.

ACCESSORY DATA — HIRU INDOOR COPELAND DISCUS UNITS

Unit Model/HIRU Copeland Discus	Current Sensing Relay	*Suction Vibration Eliminator	*Suction Vibration Eliminator	*Suction Line Filter	*Suction Line Accumulator	*Motor Contactor(s) in Enclosure (208-230V)	Drier/Sightglass	Heat Reclaim PE & Winter Control ALCO (1)	Heat Reclaim PE & Winter Control Sporlan (1)	Heat Reclaim Sporlan & Winter Control Sporlan (1)	Winter Control ALCO (1, 2)	Winter Control Sporlan (1, 2)	Crankcase Heater	*Liquid Line Solenoid	*Discharge Line Vibration Eliminator	Receiver	Drier/Sightglass	Standard Receiver	Oversize Receiver	*Drier/Sightglass	Standard Receiver	Oversize Receiver	Removable Core Drier Kits	Standard Receiver	Oversize Receiver	Swt. Drier/Sightglass	Shipping Crate
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*Field Installed

R12 MEDIUM TEMPERATURE — FS

0444	25DD	56DA	70EP	67DM	29DD	65DV	20EP	06EP	14EP	17EP	01EP	11EP	99EC	48DV	53DA	94EG	43EK	64ES	65ES	42EJ	44EJ	79ET	80ET	24EG	24EG	24EG	24EG
0504	25DD	56DA	70EP	67DM	29DD	65DV	20EP	06EP	14EP	17EP	01EP	11EP	99EC	48DV	53DA	95EG	21EP	64ES	65ES	24EP	25EP	79ET	80ET	24EG	24EG	24EG	24EG
0534	25DD	56DA	70EP	67DM	29DD	65DV	20EP	06EP	14EP	17EP	01EP	11EP	99EC	48DV	53DA	95EG	21EP	64ES	65ES	24EP	25EP	79ET	80ET	24EG	24EG	24EG	24EG
0544	25DD	56DA	72EP	67DM	29DD	65DV	20EP	07EP	15EP	18EP	02EP	12EP	23DB	48DV	53DA	95EG	21EP	64ES	65ES	24EP	25EP	79ET	80ET	24EG	24EG	24EG	24EG
0744	25DD	56DA	72EP	67DM	29DD	66DV	21EP	08EP	16EP	19EP	03EP	13EP	23DB	48DV	54DA	22EP	23EP	65ES	66ES	24EP	25EP	80ET	81ET	24EG	24EG	24EG	24EG
0914	25DD	56DA	72EP	67DM	29DD	66DV	21EP	08EP	16EP	19EP	03EP	13EP	23DB	48DV	54DA	22EP	23EP	65ES	66ES	24EP	25EP	80ET	81ET	24EG	24EG	24EG	24EG
0944	25DD	56DA	72EP	67DM	29DD	66DV	21EP	08EP	16EP	37EP	03EP	13EP	23DB	48DV	54DA	96EG	92EG	65ES	66ES	44EJ	44EJ	80ET	81ET	26EG	26EG	26EG	26EG
0954	25DD	56DA	72EP	67DM	29DD	66DV	21EP	08EP	16EP	37EP	03EP	13EP	23DB	48DV	54DA	96EG	92EG	65ES	66ES	44EJ	44EJ	80ET	81ET	26EG	26EG	26EG	26EG
1344	—	57DA	73EP	68DM	96DC	67DV	91EG	29EP	34EP	36EP	26EP	32EP	24DB	49DV	54DA	96EG	92EG	62ES	63ES	44EJ	44EJ	75ET	76ET	26EG	26EG	26EG	26EG
1534	—	57DA	73EP	68DM	96DC	68DV	92EG	09EK	31EK	41EK	11EJ	37EJ	24DB	49DV	55DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG
2014	—	58DA	73EG	69DM	50FC	68DV	92EG	10EK	32EK	42EK	12EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG
2314	—	58DA	73EG	69DM	50FC	68DV	92EG	10EK	32EK	42EK	12EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG

R22 MEDIUM TEMPERATURE — VH

0484	25DD	56DA	70EP	67DM	29DD	66DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	64ES	65ES	24EP	25EP	79ET	80ET	24EG	24EG	24EG	24EG
0494	25DD	56DA	70EP	67DM	29DD	66DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	64ES	65ES	24EP	25EP	79ET	80ET	24EG	24EG	24EG	24EG
0654	25DD	56DA	70EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	99EC	48DV	54DA	22EP	23EP	65ES	66ES	44EJ	44EJ	80ET	81ET	24EG	24EG	24EG	24EG
0704	25DD	56DA	70EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	99EC	48DV	54DA	22EP	23EP	65ES	66ES	44EJ	44EJ	80ET	81ET	24EG	24EG	24EG	24EG
0724	25DD	56DA	72EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	65ES	66ES	44EJ	44EJ	80ET	80ET	24EG	24EG	24EG	24EG
1024	—	56DA	72EP	67DM	29DD	67DV	91EG	31EP	35EP	37EP	28EP	33EP	23DB	49DV	54DA	96EG	92EG	62ES	63ES	44EJ	44EJ	75ET	76ET	26EG	26EG	26EG	26EG
1464	—	57DA	73EP	68DM	96DC	68DV	92EG	19EK	30EK	40EK	23EJ	36EJ	23DB	49DV	55DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG
1984	—	57DA	73EG	68DM	96DC	68DV	92EG	20EK	31EK	41EK	24EJ	37EJ	24DB	49DV	55DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG
2504	—	58DA	73EG	69DM	50FC	69DV	92EG	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG
2824	—	58DA	73EG	69DM	50FC	69DV	92EG	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG
3504	—	58DA	73EG	69DM	50FC	69DV	92EG	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	68ES	44EJ	44EJ	76ET	78ET	26EG	26EG	26EG	26EG

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

ACCESSORY DATA — HIRU INDOOR COPELAND DISCUS UNITS (Continued)

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

R502 MEDIUM TEMPERATURE — RS

0484	25DD	56DA	70EP	67DM	29DD	66DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	16ES	24EP	25EP	79ET	80ET	24EG					
0494	25DD	56DA	70EP	67DM	29DD	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	16ES	24EP	25EP	79ET	80ET	24EG					
0654	25DD	56DA	70EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	99EC	48DV	54DA	22EP	23EP	65ES	24EP	44EJ	80EJ	81EJ	24EG					
0714	25DD	56DA	70EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	99EC	48DV	54DA	22EP	23EP	65ES	24EP	44EJ	80EJ	81EJ	24EG					
0724	25DD	56DA	72EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	65ES	24EP	44EJ	80EJ	81EJ	24EG					
1054	—	56DA	72EP	67DM	29DD	67DV	91EG	31EP	35EP	37EP	28EP	33EP	23DB	49DV	54DA	96EG	92EG	62ES	44EJ	44EJ	75ET	76ET	26EG					
1464	—	57DA	73EP	68DM	96DC	68DV	92EG	19EK	30EK	40EK	23EJ	38EJ	23DB	49DV	55DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					
1964	—	57DA	73EP	68DM	96DC	68DV	92EG	20EK	31EK	41EK	24EJ	37EJ	24DB	49DV	55DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					
2504	—	58DA	73EG	69DM	50FC	69DV	92EG	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					

R502 LOW TEMPERATURE — RL

0304	25DD	56DA	70EP	67DM	29DD	65DV	89EG	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	94EG	43EK	65ES	42EJ	44EJ	79ET	80ET	24EG					
0404	25DD	56DA	70EP	67DM	29DD	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	24EP	25EP	79ET	80ET	24EG					
0504	25DD	56DA	70EP	67DM	29DD	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	24EP	25EP	79ET	80ET	24EG					
0524	25DD	56DA	70EP	67DM	29DD	65DV	20EP	09EP	14EP	17EP	04EP	11EP	99EC	48DV	53DA	95EG	21EP	65ES	24EP	25EP	79ET	80ET	24EG					
0604	25DD	56DA	72EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	23DB	48DV	53DA	22EP	23EP	64ES	24EP	25EP	79ET	80ET	24EG					
0734	25DD	56DA	72EP	67DM	29DD	66DV	21EP	10EP	16EP	19EP	05EP	13EP	23DB	48DV	54DA	22EP	23EP	66ES	44EJ	44EJ	80EJ	81EJ	24EG					
0934	25DD	56DA	72EP	67DM	29DD	67DV	91EG	31EP	35EP	37EP	28EP	33EP	24DB	49DV	54DA	96EG	92EG	62ES	44EJ	44EJ	75ET	76ET	26EG					
1064	—	56DA	72EP	67DM	29DD	67DV	91EG	31EP	35EP	37EP	28EP	33EP	24DB	49DV	54DA	96EG	92EG	62ES	44EJ	44EJ	75ET	76ET	26EG					
1314	—	57DA	72EG	68DM	96DC	67DV	91EG	30EP	34EP	38EP	27EP	32EP	24DB	49DV	54DA	96EG	92EG	63ES	44EJ	44EJ	75ET	76ET	26EG					
1514	—	57DA	72EG	68DM	96DC	68DV	92EG	20EK	31EK	41EK	24EJ	37EJ	24DB	49DV	55DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					
2204	—	58DA	73EG	69DM	97DC	69DV	92EG	20EK	31EK	41EK	24EJ	37EJ	24DB	49DV	56DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					
2704	—	58DA	73EG	69DM	97DC	69DV	92EG	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					
3014	—	58DA	73EG	69DM	97DC	69DV	92EG	22EK	32EK	42EK	26EJ	38EJ	24DB	49DV	56DA	97EG	45EK	63ES	44EJ	44EJ	76ET	78ET	26EG					

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