

### WATER SOURCE HEAT PUMP SCHEDULE

SYM.	TYPE	C.F.M.	O.A.	H.P.	S.P.E.	CHAR.	MCA	MCOF	HEATING				COOLING				GPM	PD	PIPE SIZE	ARRANGEMENT	REMARKS	LBS				
									EAT	LAT	GOP	EWT	LWT	EAT	LAT	EER							EWT	LWT		
HP 1	VERTICAL	6000	450 MIN.	5	.10"	208/60/3	83.6	100	223,700	65°F	100°F	4.6	60°F	50°F	144,400	75°F	55°F	14.1	80°F	90°F	36.0	12.1'	2"	BACK RETURN TOP SUPPLY	CLIMATEMASTER MODEL TCV-192AH W/ HOSE KIT AND ECONOMIZER CYCLE	1200#
HP 2	VERTICAL	6000	450 MIN.	5	.10"	208/60/3	83.6	100	223,700	65°F	100°F	4.6	60°F	50°F	144,400	75°F	55°F	14.1	80°F	90°F	36.0	12.1'	2"	BACK RETURN TOP SUPPLY	CLIMATEMASTER MODEL TCV-192AH W/ HOSE KIT AND ECONOMIZER CYCLE	1200#
HP 3	HORIZONTAL	1600	200	1/2	.50"	208/60/3	24.0	35	51,800	65°F	100°F	4.2	60°F	50°F	49,500	75°F	55°F	13.6	80°F	90°F	9.0	6.5'	1"	LEFT RETURN STRAIGHT SUPPLY	CLIMATEMASTER MODEL TGH-048AH WITH HOSE KIT	300#
HP 4	VERTICAL	3000	400 MIN.	3	.10"	208/60/3	54.7	60	114,900	65°F	101°F	4.8	60°F	50°F	98,200	75°F	55°F	13.8	80°F	90°F	18.0	8.8'	1-1/4"	BACK RETURN TOP SUPPLY	CLIMATEMASTER MODEL TCV-096AH W/ HOSE KIT AND ECONOMIZER CYCLE	700#
HP 5	VERTICAL	6000	450 MIN.	5	.10"	208/60/3	83.6	100	223,700	65°F	100°F	4.6	60°F	50°F	144,400	75°F	55°F	14.1	80°F	90°F	36.0	12.1'	2"	BACK RETURN TOP SUPPLY	CLIMATEMASTER MODEL TCV-192AH W/ HOSE KIT AND ECONOMIZER CYCLE	1200#
HP 6	HORIZONTAL	1000	700	3/4	.50"	208/60/3	18.2	25	41,800	65°F	95°F	4.1	60°F	50°F	35,300	75°F	55°F	13.4	80°F	90°F	6.8	5.2'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-036AH WITH HOSE KIT	250#
HP 7	HORIZONTAL	1000	700	3/4	.50"	208/60/3	18.2	25	41,800	65°F	95°F	4.1	60°F	50°F	35,300	75°F	55°F	13.4	80°F	90°F	6.8	5.2'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-036AH WITH HOSE KIT	250#
HP 8	HORIZONTAL	1200	---	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN STRAIGHT SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 9	HORIZONTAL	1800	200	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	LEFT RETURN STRAIGHT SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 10	HORIZONTAL	1200	100	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 11	HORIZONTAL	1200	100	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 12	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 13	HORIZONTAL	1200	100	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 14	HORIZONTAL	1200	100	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 15	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 16	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 17	HORIZONTAL	1200	100	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 18	HORIZONTAL	900	800	1/2	.50"	208/60/3	15.0	20	33,100	65°F	99°F	4.2	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 19	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 20	HORIZONTAL	1000	100	1/2	.50"	208/60/3	15.0	20	33,100	65°F	99°F	4.2	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 21	HORIZONTAL	1000	100	1/2	.50"	208/60/3	15.0	20	33,100	65°F	99°F	4.2	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 22	HORIZONTAL	1420	100	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 23	HORIZONTAL	1950	200	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 24	HORIZONTAL	1950	200	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 25	HORIZONTAL	800	200	1/2	.50"	208/60/3	15.0	20	33,100	65°F	108°F	3.1	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	RIGHT RETURN STRAIGHT SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 26	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 27	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 28	HORIZONTAL	1000	200	1/2	.50"	208/60/3	15.0	20	33,100	65°F	99°F	4.2	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 29	HORIZONTAL	1000	200	1/2	.50"	208/60/3	15.0	20	33,100	65°F	99°F	4.2	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 30	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 31	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 32	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 33	HORIZONTAL	800	600	1/2	.50"	208/60/3	15.0	20	33,100	65°F	108°F	3.1	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 34	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 35	HORIZONTAL	1400	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 36	HORIZONTAL	1800	300	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 37	HORIZONTAL	1800	300	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 38	HORIZONTAL	400	100	1/3	.50"	208/60/1	9.7	15	16,100	65°F	108°F	4.1	60°F	50°F	14,700	75°F	55°F	16.1	80°F	90°F	2.8	2.8'	1/2"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-015AG WITH HOSE KIT	175#
HP 39	HORIZONTAL	800	200	1/2	.50"	208/60/3	15.0	20	33,100	65°F	108°F	3.1	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 40	HORIZONTAL	400	---	1/3	.50"	208/60/1	9.7	15	16,100	65°F	108°F	4.1	60°F	50°F	14,700	75°F	55°F	16.1	80°F	90°F	2.8	2.8'	1/2"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-015AG WITH HOSE KIT	175#
HP 41	HORIZONTAL	1800	300	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 42	HORIZONTAL	1800	300	1	.50"	208/60/3	26.4	40	71,400	65°F	99°F	4.2	60°F	50°F	60,400	75°F	55°F	14.3	80°F	90°F	11.3	13.0'	1"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-060AH WITH HOSE KIT	300#
HP 43	HORIZONTAL	1000	200	1/2	.50"	208/60/3	15.0	20	33,100	65°F	99°F	4.2	60°F	50°F	29,600	75°F	55°F	14.1	80°F	90°F	5.6	3.8'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-030AH WITH HOSE KIT	200#
HP 44	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 45	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	LEFT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#
HP 46	HORIZONTAL	1200	300	3/4	.50"	208/60/3	22.1	35	48,500	65°F	99°F	4.2	60°F	50°F	42,100	75°F	55°F	14.7	80°F	90°F	7.9	7.5'	3/4"	RIGHT RETURN BACK SUPPLY	CLIMATEMASTER MODEL TGH-042AH WITH HOSE KIT	250#

1 UNIT TO BE SUPPLIED WITH VFD MOTOR CONTROL AND FULL ECONOMIZER CYCLE.

### HEAT EXCHANGER SCHEDULE

SYM.	TYPE	SIDE "A"				SIDE "B"				CONNECTION SIZE	WEIGHT	REMARKS
		EWT	LWT	GPM	PD	EWT	LWT	GPM	PD			
HX 1	PLATE (COOLING)	90°F	80°F	550	10'	75°F	85°F	540	10'	(4) 6"	1200#	B46 PLATE TYPE GPX

### KITCHEN HOOD UNIT SCHEDULE

SYM.	LENGTH	WIDTH
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