

# Model BDAH-01 Heating Data

	CFM	P.D. (Ft. H2O)	GPM	105°F Entering Water		110°F Entering Water		115°F Entering Water	
				70°F Entering Air		70°F Entering Air		70°F Entering Air	
				Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
Heating Capacities based upon 0% Glycol	300	2.4	2	9.1	95.8	10.4	99.5	11.8	103.1
		8.5	4	10	100	11.4	104.2	12.9	108.5
	350	2.4	2	9.8	94.9	11.4	98.4	12.9	102
		8.5	4	11.2	99.4	12.8	103.5	14.4	107.7
	400	2.4	2	10.7	94.2	12.3	97.6	13.9	101
		8.5	4	12.2	98.8	14	102.9	15.8	107
500	2.4	2	12	92.9	13.8	96.1	15.5	99.3	
	8.5	4	14	97.9	16.1	101.9	18.1	105.8	
Heating Capacities based upon 10% Glycol	300	2.5	2	8.9	96	10.2	99.6	11.5	103.3
		8.9	4	9.9	100	11.3	104.3	12.7	108.5
	350	2.5	2	9.7	95.2	11.1	98.7	12.6	102.2
		8.9	4	10.9	99.4	12.6	103.6	14.2	107.8
	400	2.5	2	10.4	94.4	11.9	97.9	13.5	101.3
		9	4	12	98.9	13.7	103	15.5	107.1
	500	2.5	2	11.5	93.3	13.3	96.5	15	99.7
		9	4	13.7	98	15.7	102	17.7	106
Heating Capacities based upon 20% Glycol	300	2.6	2	8.5	96.2	9.8	99.9	11.1	103.6
		9.4	4	9.7	100	11.1	104.3	12.5	108.6
	350	2.6	2	9.3	95.5	10.7	99	12.1	102.6
		9.4	4	10.8	99.5	12.4	103.6	13.9	107.8
	400	2.6	2	9.9	94.8	11.4	98.3	12.9	101.7
		9.4	4	11.7	99	13.5	103.1	15.2	107.2
	500	2.6	2	10.9	93.8	12.6	97	14.2	100.3
		9.4	4	13.4	98.1	15.3	102.1	17.3	106.1

## Electric Heat Strip Information

PART#	DESCRIPTION
AH3KWHEAT	3KW ELECTRIC STRIP HEAT

## Electric Heat Strip Capacities

KW		BTU/H		TOTAL AMPS	
240V	208V	240V	208V	240V	208V
3KW	2.25KW	10236 BTU/H	7677 BTU/H	12.5 AMPS	10.81 AMPS

**NOTE:** The above listed heat strip part numbers and heat strip capacities data are only for the HSS® Air Handlers. These are specially designed for the electrical heat strip units for B&D Mfg., Inc. The electrical heat strip units are factory installed if ordered with electrical heat strip and can be field installed also if ordered without electrical heat strip.

# Model BDAH-02 Heating Data

	CFM	P.D. (Ft. H2O)	GPM	105°F Entering Water		110°F Entering Water		115°F Entering Water	
				70°F Entering Air		70°F Entering Air		70°F Entering Air	
				Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
Heating Capacities based upon 0% Glycol	600	1.4	3	18.4	92.6	21	95.8	23.7	99
		5.1	6	20.6	98.1	23.6	102	26.6	106
	700	1.4	3	20.1	91.5	23	94.5	25.9	97.5
		5.1	6	23.1	97.2	26.5	101	29.8	104.9
	800	1.4	3	21.5	90.5	24.7	93.4	27.8	96.2
		5.1	6	25.4	96.4	29.1	100.2	32.8	103.9
950	1.4	3	23.3	89	26.7	92	30.1	94.5	
	5.1	6	28.3	95.5	32.5	99	36.6	102.7	
Heating Capacities based upon 10% Glycol	600	1.5	3	17.6	93	20.2	96.2	22.9	99.4
		5.4	6	20.3	98.1	23.3	102.1	26.2	106.1
	700	1.5	3	19.1	92	22	95	24.9	98.1
		5.4	6	22.7	97.3	26	101.2	29.4	105
	800	1.5	3	20.4	91.1	23.5	94	26.6	96.9
		5.4	6	24.9	96.6	28.5	100.3	32.1	104.1
950	1.5	3	22	90	25.3	92.8	28.7	95.5	
	5.4	6	27.7	95.6	31.7	99.2	35.8	102.8	
Heating Capacities based upon 20% Glycol	600	1.5	3	16.7	93.5	19.2	96.8	21.8	100
		5.7	6	19.9	98.2	22.8	102.2	25.8	106.1
	700	1.5	3	18	92.6	20.7	95.7	23.5	98.8
		5.7	6	22.1	97.4	25.4	101.3	28.7	105.1
	800	1.5	3	19.1	91.8	22	94.8	25	97.8
		5.7	6	24.1	96.7	27.7	100.5	31.3	104.2
950	1.5	3	20.4	90.9	23.6	93.7	26.8	96.5	
	5.7	6	26.6	95.9	30.6	99.5	34.7	102.8	

## Electric Heat Strip Information

PART#	DESCRIPTION
AH5KWHEAT	5KW ELECTRIC STRIP HEAT

## Electric Heat Strip Capacities

KW		BTU/H		TOTAL AMPS	
240V	208V	240V	208V	240V	208V
5KW	3.76KW	17050 BTU/H	12822 BTU/H	20.8 AMPS	18.1 AMPS

**NOTE:** The above listed heat strip part numbers and heat strip capacities data are only for the HSS® Air Handlers. These are specially designed for the electrical heat strip units for B&D Mfg., Inc. The electrical heat strip units are factory installed if ordered with electrical heat strip and can be field installed also if ordered without electrical heat strip.

# Model BDAH-03 Heating Data

	CFM	P.D. (Ft. H2O)	GPM	105°F Entering Water		110°F Entering Water		115°F Entering Water	
				70°F Entering Air		70°F Entering Air		70°F Entering Air	
				Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
Heating Capacities based upon 0% Glycol	1000	2.1	4	29.2	90.3	33.4	93.1	37.7	96
		7.7	8	33.3	96.6	38.1	100.4	43	104.1
	1100	2.1	4	30.6	89.6	35.1	92.3	39.5	95
		7.7	8	35.6	96	40.8	99.7	47	103.4
	1200	2.1	4	31.9	88.9	36.6	91.5	41.2	94.2
		7.7	8	37.8	95.5	43.2	99.1	48.7	102.7
1350	2.1	4	33.6	88.1	38.5	90.5	43.4	93	
	7.7	8	40.7	95	46.5	98.3	52.4	101.7	
Heating Capacities based upon 10% Glycol	1000	2.3	4	27.9	90.8	32.1	93.7	36.4	96.5
		8.1	8	32.8	96.7	37.5	100.5	42.3	104.2
	1100	2.3	4	29.2	90.1	33.6	92.9	38.1	95.6
		8.1	8	35	96.1	40.1	99.8	45.2	103.5
	1200	2.3	4	30.4	89.6	35	92.2	39.6	94.8
		8.1	8	37	95.6	42.4	99.2	47.8	102.8
1350	2.3	4	31.8	75.8	36.7	91.4	41.6	93.8	
	8.1	8	39.8	94.9	45.5	98.5	51.3	101.9	
Heating Capacities based upon 20% Glycol	1000	2.4	4	26.2	91.5	30.2	94.4	34.3	97.3
		8.5	8	32	96.8	36.7	100.5	41.5	104.3
	1100	2.4	4	27.4	90.9	31.5	93.7	35.8	96.5
		8.5	8	34	96.2	39.1	99.9	44.2	103.6
	1200	2.4	4	28.3	90.4	32.7	93.1	37.1	95.9
		8.5	8	35.9	95.8	41.3	99.4	46.7	103
1350	2.4	4	29.6	89.7	34.1	92.3	38.8	95.8	
	8.5	8	38.4	95.6	44.2	98.6	51	102.1	

## Electric Heat Strip Information

PART#	DESCRIPTION
AH10KWHEAT	10KW ELECTRIC STRIP HEAT

## Electric Heat Strip Capacities

KW		BTU/H		TOTAL AMPS	
240V	208V	240V	208V	240V	208V
10KW	7.51KW	34100 BTU/H	25609 BTU/H	41.7 AMPS	36.1 AMPS

**NOTE:** The above listed heat strip part numbers and heat strip capacities data are only for the HSS® Air Handlers. These are specially designed for the electrical heat strip units for B&D Mfg., Inc. The electrical heat strip units are factory installed if ordered with electrical heat strip and can be field installed also if ordered without electrical heat strip.

# Model BDAH-04 Heating Data

	CFM	P.D. (Ft. H2O)	GPM	105°F Entering Water		110°F Entering Water		115°F Entering Water	
				70°F Entering Air		70°F Entering Air		70°F Entering Air	
				Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
Heating Capacities based upon 0% Glycol	1400	2.1	6	41.4	91.1	47.5	94	53.5	97
		5.5	10	46.1	95.7	52.7	99.3	59.4	103
	1500	2.1	6	43	90.6	49.2	93.4	55.5	96.3
		5.5	10	48.2	95.3	55.2	98.8	62.2	102.4
	1600	2.1	6	44.4	90.1	50.9	92.9	57.4	95.7
		5.5	10	50.3	94.9	57.6	98.4	64.9	101.9
1750	2.1	6	46.3	89.4	53.1	92.2	59.9	94.9	
	5.5	10	53.1	94.3	60.8	97.7	68.7	101.2	
Heating Capacities based upon 10% Glycol	1400	2.3	6	39.7	91.5	45.7	94.5	51.8	97.4
		5.8	10	45.1	95.8	51.7	99.5	58.3	103.1
	1500	2.3	6	41.1	91.1	47.3	94	53.6	96.8
		5.8	10	47.2	95.4	54.1	99	61	102.6
	1600	2.3	6	42.4	90.6	48.8	93.5	55.3	96.2
		5.8	10	49.1	95	56.3	98.6	63.5	102.1
1750	2.3	6	44	90.1	50.7	92.8	57.5	95.5	
	5.8	10	51.7	94.5	59.4	97.9	66.9	101.4	
Heating Capacities based upon 20% Glycol	1400	2.4	6	37.3	92.2	43	95.2	48.8	98.2
		6.1	10	43.7	96	50.2	99.7	56.8	103.3
	1500	2.4	6	38.5	91.8	44.4	94.7	50.4	97.7
		6.1	10	45.5	95.6	52.4	99.2	59.3	102.8
	1600	2.4	6	39.6	91.4	45.7	94.3	51.9	97.2
		6.1	10	47.3	95.3	54.4	98.8	61.6	102.3
1750	2.4	6	41	90.9	47.4	93.7	53.8	96.5	
	6.1	10	49.6	94.8	57.1	98.2	64.8	101.7	

## Electric Heat Strip Information

PART#	DESCRIPTION
AH10KWHEAT	10KW ELECTRIC STRIP HEAT
AH15KWHEAT	15KW ELECTRIC STRIP HEAT

## Electric Heat Strip Capacities

KW		BTU/H		TOTAL AMPS	
240V	208V	240V	208V	240V	208V
10KW	7.51KW	34100 BTU/H	25609 BTU/H	41.7 AMPS	36.1 AMPS
15KW	11.3KW	51150 BTU/H	38533 BTU/H	62.5 AMPS	54.3 AMPS

**NOTE:** The above listed heat strip part numbers and heat strip capacities data are only for the HSS® Air Handlers. These are specially designed for the electrical heat strip units for B&D Mfg., Inc. The electrical heat strip units are factory installed if ordered with electrical heat strip and can be field installed also if ordered without electrical heat strip.

# Model BDAH-05 Heating Data

	CFM	P.D. (Ft. H2O)	GPM	105°F Entering Water		110°F Entering Water		115°F Entering Water	
				70°F Entering Air		70°F Entering Air		70°F Entering Air	
				Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F	Total MB/H	Exit H2O°F
Heating Capacities based upon 0% Glycol	1800	2.1	7	51	90.3	58.5	93.1	66	95.9
		5.7	12	57.8	95.3	66.1	98.9	74.5	102.4
	1900	2.1	7	52.4	89.9	60.1	92.7	67.8	95.4
		5.7	12	59.8	94.9	68.5	98.5	77.2	102
	2000	2.1	7	53.8	89.5	61.6	92.2	69.5	94.9
		5.7	12	61.8	94.6	70.7	98.1	79.7	101.6
2150	2.1	7	55.6	89	63.6	91.6	71.8	94.2	
	5.7	12	64.4	94.2	73.9	97.6	82.7	101	
Heating Capacities based upon 10% Glycol	1800	2.2	7	48.7	90.8	56.1	93.7	63.6	96.5
		6	12	56.5	95.4	64.8	99	73.1	102.6
	1900	2.2	7	50	90.5	57.5	93.3	65.2	96
		6	12	58.5	95.1	67	98.6	75.6	102.2
	2000	2.2	7	51.1	90.1	58.9	92.9	66.8	95.6
		6	12	60.3	94.8	69.1	98.3	78	101.8
2150	2.2	7	52.7	89.7	60.7	92.3	68.9	95	
	6	12	62.8	94.5	72.1	97.8	81.3	101.2	
Heating Capacities based upon 20% Glycol	1800	2.3	7	45.6	91.6	52.6	94.5	59.7	97.4
		6.3	12	54.5	95.6	62.8	99.2	71.1	102.8
	1900	2.3	7	46.7	91.2	53.9	94.1	61.2	97
		6.3	12	56.3	95.3	64.8	98.9	73.4	102.4
	2000	2.3	7	47.7	91	55	93.8	62.5	96.6
		6.3	12	58	95	66.7	98.5	75.6	102
2150	2.3	7	49.1	90.6	56.6	93.4	64.2	96.1	
	6.3	12	59.9	94.7	69.4	98.1	78.6	101.5	

## Electric Heat Strip Information

PART#	DESCRIPTION
AH10KWHEAT	10KW ELECTRIC STRIP HEAT
AH15KWHEAT	15KW ELECTRIC STRIP HEAT

## Electric Heat Strip Capacities

KW		BTU/H		TOTAL AMPS	
240V	208V	240V	208V	240V	208V
10KW	7.51KW	34100 BTU/H	25609 BTU/H	41.7 AMPS	36.1 AMPS
15KW	11.3KW	51150 BTU/H	38533 BTU/H	62.5 AMPS	54.3 AMPS

**NOTE:** The above listed heat strip part numbers and heat strip capacities data are only for the HSS® Air Handlers. These are specially designed for the electrical heat strip units for B&D Mfg., Inc. The electrical heat strip units are factory installed if ordered with electrical heat strip and can be field installed also if ordered without electrical heat strip.