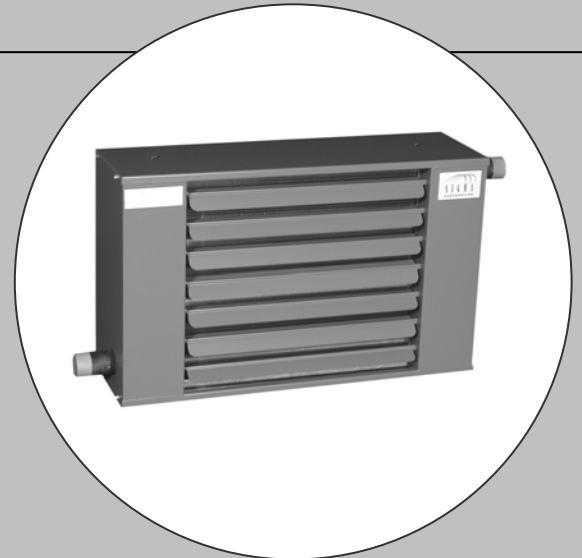


Aérothermes

Catalogue



MANUFACTURIER

PRODUITS DE

CHAUFFAGE

HYDRONIQUE



AÉROTHERMES À PROJECTION HORIZONTALE

TABEAU 2 CAPACITES AEROTHERMES A PROJECTION HORIZONTALE.

	160 °F					180 °F				200 °F				VAPEUR 2 PSIG	
	BAISSE EAU(°F)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	LBS/ HR
030H	10	20.3	4.1	104.6	3.1	25.0	5.1	115.0	4.4	29.7	6.1	125.3	5.9	36.6	37.9
PCM 420	20	17.6	1.8	98.7	0.7	22.4	2.3	109.2	1.1	27.2	2.8	119.6	1.5		
TPM 850	30	15.0	1.0	92.8	0.3	19.8	1.4	103.5	0.4	24.6	1.7	114.1	0.6		
1/20HP, 1.1A	40	12.4	0.6	87.2	0.1	17.2	0.9	97.8	0.2	22.1	1.1	108.5	0.3		
030H	10	23.1	4.7	101.0	3.9	28.5	5.9	110.6	5.5	33.9	7.0	120.1	7.4	40.3	41.7
PCM 520	20	20.0	2.0	95.5	0.9	25.5	2.6	105.2	1.3	30.9	3.2	114.8	1.8		
TPM 1050	30	17.0	1.2	90.2	0.3	22.5	1.5	100.0	0.5	28.0	1.9	109.7	0.8		
1/20HP, 1.1A	40	14.1	0.7	85.0	0.1	19.6	1.0	94.8	0.3	25.2	1.3	104.6	0.4		
040H	10	25.6	5.2	98.0	4.7	31.5	6.5	106.9	6.7	37.5	7.7	115.7	8.9	43.8	45.4
PCM 620	20	22.1	2.3	92.9	1.1	28.2	2.9	101.9	1.6	34.2	3.5	110.8	2.2		
TPM 1150	30	18.8	1.3	88.0	0.4	24.9	1.7	97.0	0.6	31.0	2.1	106.1	0.9		
1/8HP, 1.8A	40	15.6	0.8	83.2	0.2	21.7	1.1	92.3	0.3	27.8	1.4	101.4	0.5		
040H	10	27.9	5.7	95.3	5.5	34.4	7.1	103.5	7.8	40.9	8.4	111.7	10.5	47.1	48.8
PCM 730	20	24.2	2.5	90.5	1.3	30.8	3.2	98.9	1.9	37.4	3.8	107.2	2.6		
TPM 1350	30	20.6	1.4	86.0	0.5	27.2	1.9	94.4	0.7	33.9	2.3	102.8	1.1		
1/8HP, 1.8A	40	17.0	0.9	81.5	0.2	23.7	1.2	90.0	0.4	30.4	1.6	98.4	0.5		
040H	10	30.0	6.1	93.0	6.3	37.0	7.6	100.7	8.9	44.0	9.1	108.3	11.9	50.1	51.9
PCM 840	20	26.0	2.7	88.5	1.4	33.1	3.4	96.3	2.1	40.2	4.1	104.1	3.0		
TPM 1550	30	22.1	1.5	84.3	0.5	29.2	2.0	92.1	0.8	36.4	2.5	100.0	1.2		
1/8HP, 1.8A	40	18.3	0.9	80.1	0.2	25.5	1.3	88.0	0.4	32.7	1.7	95.9	0.6		
047H	10	31.1	6.3	102.7	1.4	38.4	7.9	112.9	2.1	45.8	9.4	123.1	2.8	56.3	58.4
PCM 670	20	26.4	2.7	96.3	0.3	33.9	3.5	106.6	0.5	41.3	4.3	116.9	0.7		
TPM 850	30	21.8	1.5	90.0	0.1	29.4	2.0	100.5	0.2	37.0	2.5	110.9	0.3		
1/20HP, 1.1A	40	17.0	0.9	83.4	0.05	25.0	1.3	94.4	0.1	32.7	1.7	105.0	0.1		
047H	10	35.2	7.2	99.2	1.8	43.7	9.0	108.5	2.6	52.0	10.7	117.8	3.5	62.0	64.3
PCM 830	20	29.9	3.0	93.2	0.4	38.4	3.9	102.7	0.6	46.9	4.8	112.1	0.9		
TPM 1050	30	24.7	1.7	87.4	0.1	33.3	2.3	97.0	0.2	42.0	2.9	106.6	0.3		
1/20HP, 1.1A	40	19.4	1.0	81.6	0.1	28.4	1.5	91.5	0.1	37.0	1.9	101.1	0.2		
058H	10	37.1	7.6	97.6	2.0	46.0	9.4	106.6	2.8	54.8	11.3	115.6	3.8	64.7	67.1
PCM 910	20	31.5	3.2	91.9	0.4	40.5	4.1	101.0	0.7	49.4	5.1	110.1	0.9		
TPM 1150	30	26.0	1.8	86.3	0.2	35.1	2.4	95.6	0.3	44.2	3.0	104.8	0.4		
1/8HP, 1.8A	40	20.5	1.0	80.8	0.1	29.9	1.5	90.3	0.1	39.0	2.0	99.5	0.2		
058H	10	40.5	8.3	94.9	2.3	50.2	10.3	103.3	3.3	59.9	12.3	111.6	4.5	69.6	72.2
PCM 1070	20	34.3	3.5	89.6	0.5	44.2	4.5	98.1	0.8	54.0	5.6	106.5	1.1		
TPM 1350	30	28.4	1.9	84.4	0.2	38.3	2.6	93	0.3	48.2	3.3	101.6	0.4		
1/8HP, 1.8A	40	22.4	1.1	79.3	0.1	32.6	1.7	88.1	0.1	42.6	2.2	96.7	0.2		
058H	10	43.4	8.9	92.8	2.6	53.8	11.0	100.6	3.8	64.1	13.2	108.5	5.1	74.1	76.8
PCM 1220	20	36.7	3.7	87.8	0.6	47.3	4.8	95.7	0.9	57.8	5.9	103.7	1.2		
TPM 1550	30	30.3	2.1	82.9	0.2	41.0	2.8	91.0	0.3	51.6	3.5	99.0	0.5		
1/8HP, 1.8A	40	24.0	1.2	78.2	0.1	34.9	1.8	86.4	0.2	45.6	2.3	94.4	0.2		

TABEAU 2 CAPACITES AEROTHERMES A PROJECTION HORIZONTALE (SUITE)

	160 °F					180 °F				200 °F				VAPEUR 2 PSIG	
	BAISSE EAU(°F)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	LBS/ HR
062H	10	38.6	7.9	105.7	0.5	48.1	9.9	116.8	0.7	57.5	11.9	128.0	0.9	76.6	78.3
PCM 780	20	31.9	3.3	97.7	0.1	41.6	4.3	109.1	0.2	51.2	5.3	120.5	0.2		
TPM 850	30	24.9	1.7	89.4	0.05	35.2	2.4	101.6	0.1	45.0	3.1	113.2	0.1		
1/20HP, 1.1A	40					28.3	1.4	93.5	0.05	38.9	2.0	105.9	0.05		
062H	10	44.4	9.1	102.2	0.6	55.3	11.4	112.6	0.9	66.2	13.6	122.9	1.2	83.2	86.2
PCM 970	20	36.6	3.7	94.8	0.1	47.8	4.9	105.4	0.2	58.8	6.1	115.9	0.3		
TPM 1050	30	28.8	2.0	87.4	0.05	40.4	2.8	98.4	0.1	51.7	3.5	109.1	0.1		
1/20HP, 1.1A	40					32.8	1.7	91.2	0.05	44.6	2.3	102.4	0.1		
084H	10	49.0	10.0	99.6	0.7	61.0	12.5	109.3	1.0	73.0	15.0	119.0	1.4	89.5	92.7
PCM 1140	20	40.3	4.1	92.6	0.2	52.6	5.4	102.6	0.2	64.8	6.7	112.4	0.3		
TPM 1150	30	31.8	2.2	85.8	0.1	44.5	3.0	96.0	0.1	56.9	3.9	106.0	0.1		
1/6HP, 2.0A	40	20.4	1.0	76.5	0.05	36.3	1.9	89.4	0.05	49.1	2.5	99.7	0.1		
084H	10	53.5	10.9	97.1	0.8	66.6	13.7	106.2	1.2	79.7	16.4	115.3	1.6	96.2	99.7
PCM 1330	20	44.0	4.5	90.5	0.2	57.4	5.9	99.8	0.3	70.8	7.3	109.1	0.4		
TPM 1350	30	34.8	2.4	84.1	0.1	48.5	3.3	93.6	0.1	62.1	4.3	103.0	0.2		
1/6HP, 2.0A	40	23.0	1.2	76.0	0.05	39.7	2.0	87.5	0.05	53.5	2.7	97.1	0.1		
084H	10	59.3	12.1	94.0	1.0	73.9	15.2	102.3	1.5	88.5	18.2	110.7	2.0	104.7	108.5
PCM 1610	20	48.7	5.0	87.9	0.2	63.6	6.5	96.4	0.3	78.4	8.1	104.9	0.5		
TPM 1625	30	38.6	2.6	82.1	0.1	53.7	3.7	90.7	0.1	68.7	4.7	99.4	0.2		
1/6HP, 2.0A	40	26.3	1.3	75.1	0.05	44.0	2.3	85.2	0.1	59.3	3.0	94.0	0.1		
133H	10	87.4	17.9	99.3	6.9	107.6	22.1	108.4	9.8	127.7	26.3	117.4	13.0	149.0	154.4
PCM 2050	20	76.5	7.8	94.4	1.6	96.8	9.9	103.6	2.4	117.2	12.1	112.7	3.3		
TPM 850	30	65.7	4.5	89.5	0.6	86.3	5.9	98.8	1.0	106.8	7.3	108.0	1.4		
1/4HP, 3.5A	40	55.2	2.8	84.8	0.3	75.9	3.9	94.1	0.5	96.5	5.0	103.4	0.7		
133H	10	99.5	20.3	95.3	8.7	122.5	25.1	103.4	12.3	145.4	30.0	111.6	16.5	165.8	171.8
PCM 2600	20	87	8.9	90.9	2.0	110.3	11.3	99.1	3.0	133.4	13.7	107.3	4.1		
TPM 1075	30	74.8	5.1	86.5	0.8	98.2	6.7	94.8	1.2	121.6	8.3	103.1	1.7		
1/4HP, 3.5A	40	62.9	3.2	82.3	0.3	86.5	4.4	90.7	0.6	109.9	5.6	99.0	0.9		
200H	10	133.1	27.2	96.3	3.0	164.6	33.8	104.9	4.4	196.0	40.4	113.5	5.8	227.7	236
PCM 3380	20	113.8	11.6	91.0	0.7	145.7	14.9	99.8	1.0	177.5	18.3	108.4	1.4		
TPM 850	30	95.1	6.5	86.0	0.3	127.3	8.7	94.7	0.4	159.6	10.9	103.5	0.6		
1/2HP, 5.6A	40	76.9	3.9	81.0	0.1	109.6	5.6	89.9	0.2	141.9	7.3	98.7	0.3		
200H	10	150.5	30.7	92.4	3.8	186.1	38.2	100.1	5.4	221.7	45.7	107.8	7.3	253.4	262.6
PCM 4280	20	128.6	13.1	87.7	0.9	164.8	16.9	95.5	1.3	200.8	20.7	103.3	1.8		
TPM 1075	30	107.5	7.3	83.2	0.3	143.9	9.8	91.0	0.5	180.4	12.4	98.9	0.7		
1/2HP, 5.6A	40	86.9	4.4	78.7	0.1	123.8	6.3	86.7	0.2	160.5	8.2	94.6	0.4		
245H	10	160.5	32.8	99.5	16.3	196.9	40.4	108.4	23.1					268.7	278.4
PCM 3750	20	142.3	14.5	95.0	3.9	179.0	18.3	104.0	5.7	215.7	22.2	113.0	7.8		
TPM 850	30	124.3	8.4	90.6	1.5	161.4	11.0	99.7	2.3	198.4	13.6	108.8	3.3		
1/2HP, 5.6A	40	106.7	5.4	86.2	0.7	143.9	7.4	95.4	1.2	181.1	9.3	104.5	1.7		
245H	10	182.3	37.2	95.5	20.5									298.8	309.7
PCM 4740	20	161.7	16.5	91.4	4.9	203.4	20.8	99.6	7.1	245.0	25.2	107.7	9.8		
TPM 1075	30	141.4	9.6	87.5	1.9	183.4	12.5	95.7	2.9	225.5	15.5	103.9	4.1		
1/2HP, 5.6A	40	121.5	6.2	83.6	0.9	163.8	8.4	91.9	1.5	205.9	10.6	100.0	2.1		

**AÉROTHERME
À PROJECTION
VERTICALE**

FIGURE 3
DIMENSIONS
D'UN AÉROTHERME
A PROJECTION
VERTICALE

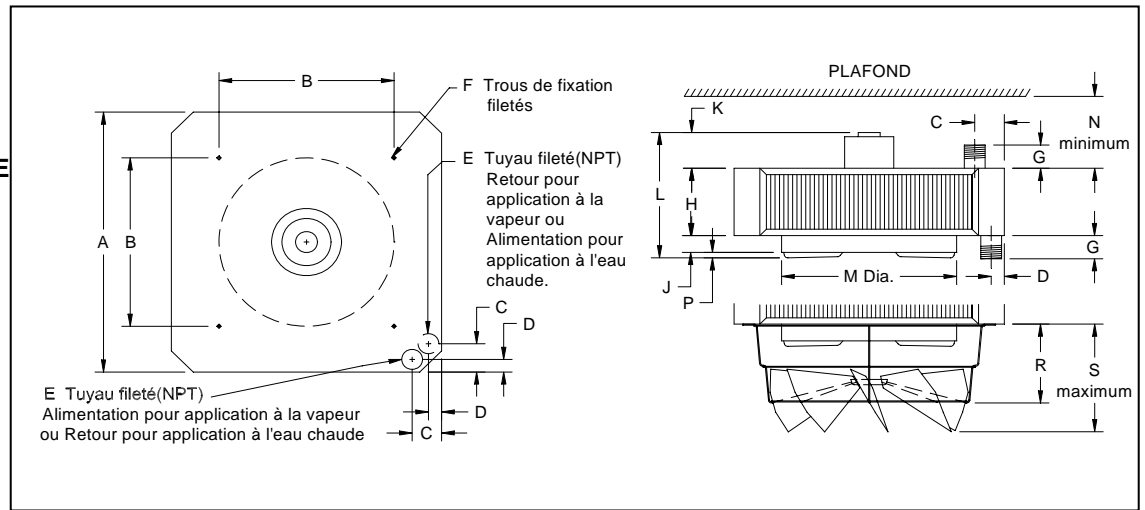


TABLEAU 3 SPECIFICATIONS AÉROTHERMES A PROJECTION VERTICALE

MODÈLE	DIMENSIONS (POUCES)								
	A	B	C	D	E	F	G	H	J
40-V	18.5	10	2.625	1.25	1.5	3/8-16 UNC	2.75	6.125	1.25
50-V	18.5	10	2.625	1.25	1.5	3/8-16 UNC	2.75	6.125	1.25
54-V	22	13	2.625	1.25	1.5	3/8-16 UNC	2.75	6.125	1.5
67-V	22	13	2.625	1.25	1.5	3/8-16 UNC	2.75	6.125	1.5
78-V	26.5	16	2.625	1.25	1.5	3/8-16 UNC	2.75	7.625	1.625
100- V	26.5	16	2.625	1.25	1.5	3/8-16 UNC	2.75	7.625	1.625
145-V	30.875	20	3.375	1.5	2	3/8-16 UNC	2.75	7.625	2
210-V	36.875	25	3.375	1.5	2	3/8-16 UNC	2.75	7.625	2.375
300-V	44.125	30	4.125	2	2.5	1/2-13 UNC	3	9.125	3
370-V	44.125	30	4.125	2	2.5	1/2-13 UNC	3	13.625	3
375-V	44.125	30	4.125	2	2.5	1/2-13 UNC	3	9.125	3
480-V	44.125	30	4.125	2	2.5	1/2-13 UNC	3	13.625	3

MODELE	DIMENSIONS (POUCES)							POIDS (LBS)	HAUT. MAX. INSTAL. (PIED)	
	K	L	M	N	P	R	S		SANS DIFFUSEUR	AVEC DIFFUSEUR
40-V	3	11.5	12.25	6	1.125	6.25	8.875	49	12	16
50-V	3	11.5	12.25	6	1.125	6.25	8.875	50	17	22
54-V	3	11.875	14.375	6	1.25	7	10	62	13	16
67-V	3	11.875	14.375	6	1.25	7	10	63	19	23
78-V	2	12.25	16.375	7	1	7.25	10.625	85	14	17
100- V	2	12.25	16.375	7	1	7.25	10.625	90	21	25
145-V	2.375	13.5	20.375	7	1.5	9	13.25	118	23	28
210-V	4	15.25	24.5	7	1.25	8.5	11.875	146	26	32
300-V	3	15.875	30.5	7	0.75	9.5	13.75	200	26	32
370-V	1.875	19.25	30.5	7	0.75	9.5	13.75	265	28	34
375-V	4.5	17.375	30.5	8	0.75	9.5	13.75	205	40	48
480-V	2.5	19.875	30.5	8	0.75	9.5	13.75	270	42	52

TABEAU 4 CAPACITES AEROTHERMES A PROJECTION VERTICALE.

	160 °F					180 °F				200 °F				VAPEUR 2 PSIG	
	BAISSE EAU(°F)	CAP (MBH)	GPM	LAT (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	FLOW (#/HR)
040V	10	26.6	5.4	103.1	0.2	33.5	6.9	114.2	0.2	40.3	8.3	125.2	0.3	51.3	53.1
PCM 570	20	20.7	2.1	93.5	0.1	27.9	2.9	105.1	0.1	34.9	3.6	116.5	0.1		
TPM 850	30					21.8	1.5	95.3	0.1	29.6	2.0	108.0	0.1		
1/20HP, 1.1A	40									23.2	1.2	97.5	0.1		
040V	10	30.5	6.2	99.7	0.2	38.4	7.9	109.9	0.3	46.3	9.5	120.1	0.4	56.4	58.5
PCM 710	20	23.8	2.4	90.9	0.05	32.0	3.3	101.5	0.1	40.0	4.1	112.0	0.1		
TPM 1050	30					25.3	1.7	92.9	0.1	33.9	2.3	104.1	0.1		
1/20HP, 1.1A	40									27.2	1.4	95.3	0.1		
050V	10	32.3	6.6	98.2	0.2	40.7	8.3	108.1	0.4	49.0	10.1	117.9	0.5	58.8	60.9
PCM 780	20	25.2	2.6	89.7	0.05	33.8	3.5	99.9	0.1	42.3	4.4	110.0	0.1		
TPM 1150	30					26.8	1.8	91.7	0.1	35.8	2.5	102.4	0.1		
1/8HP, 1.8A	40									28.9	1.5	94.1	0.1		
050V	10	35.2	7.2	95.7	0.3	44.4	9.1	105.0	0.4	53.5	11.0	114.2	0.6	63.2	65.5
PCM 910	20	27.4	2.8	87.8	0.1	36.8	3.8	97.3	0.1	46.1	4.8	106.8	0.1		
TPM 1350	30					29.4	2.0	89.7	0.1	39.0	2.7	99.6	0.1		
1/8HP, 1.8A	40									31.7	1.6	92.2	0.1		
050V	10	37.9	7.7	93.6	0.3	47.7	9.8	102.3	0.5	57.6	11.9	111.0	0.6	67.3	69.8
PCM 1040	20	29.4	3.0	86.1	0.1	39.5	4.1	95.1	0.1	49.6	5.1	104.0	0.1		
TPM 1550	30	18.2	1.2	76.2	0.1	31.6	2.2	88.0	0.1	41.9	2.9	97.2	0.1		
1/8HP, 1.8A	40									34.2	1.8	90.4	0.1		
054V	10	35.7	7.3	104.5	0.4	44.5	9.1	115.5	0.5	53.3	11.0	126.5	0.7	66.5	68.9
PCM 740	20	29.1	3.0	96.3	0.1	38.1	3.9	107.5	0.1	47.1	4.9	118.7	0.2		
TPM 850	30	21.1	1.4	86.3	0.1	31.9	2.2	99.8	0.1	41.1	2.8	111.2	0.1		
1/20HP, 1.1A	40					23.5	1.2	89.3	0.1	35.0	1.8	103.6	0.1		
054V	10	40.9	8.4	101.0	0.5	51.1	10.5	111.2	0.7	61.2	12.6	121.4	0.9	73.2	75.8
PCM 920	20	33.3	3.4	93.4	0.1	43.7	4.5	103.8	0.2	54.0	5.6	114.2	0.2		
TPM 1050	30	24.9	1.7	84.9	0.1	36.5	2.5	96.6	0.1	47.1	3.2	107.2	0.1		
1/20HP, 1.1A	40					28.0	1.4	88.1	0.1	40.2	2.1	100.2	0.1		
067V	10	43.0	8.8	99.7	0.5	53.7	11.0	109.5	0.7	64.4	13.3	119.4	1.0	76.1	78.9
PCM 1000	20	35.0	3.6	92.3	0.1	45.9	4.7	102.3	0.2	56.8	5.8	112.4	0.2		
TPM 1150	30	26.4	1.8	84.3	0.1	38.4	2.6	95.4	0.1	49.4	3.4	105.6	0.1		
1/8HP, 1.8A	40					29.7	1.5	87.4	0.1	42.2	2.2	98.9	0.1		
067V	10	47.3	9.7	97	0.6	59.1	12.1	106.2	0.9	70.8	14.6	115.4	1.2	81.9	84.9
PCM 1180	20	38.4	3.9	90	0.1	50.5	5.2	99.4	0.2	62.4	6.4	108.8	0.3		
TPM 1350	30	29.3	2	82.9	0.05	42.1	2.9	92.9	0.1	54.3	3.7	102.4	0.1		
1/8HP, 1.8A	40					33.1	1.7	85.9	0.05	46.3	2.4	96.2	0.1		
067V	10	50.9	10.4	94.8	0.7	63.6	13.1	103.5	1.0	76.3	15.7	112.1	1.4	87.2	90.4
PCM 1350	20	41.3	4.2	88.2	0.1	54.3	5.6	97.1	0.2	67.2	6.9	105.9	0.3		
TPM 1550	30	31.7	2.2	81.7	0.1	45.2	3.1	90.9	0.1	58.4	4.0	99.9	0.1		
1/8HP, 1.8A	40					35.9	1.8	84.6	0.1	49.8	2.6	94.0	0.1		

TABEAU 4 CAPACITES AEROTHERMES A PROJECTION VERTICALE (SUITE)

	160 °F					180 °F				200 °F				VAPEUR 2 PSIG	
	BAISSE EAU(°F)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	LBS/ HR
078V	10	50.9	10.4	108.8	0.6	63.1	12.9	120.6	0.9	75.2	15.5	132.3	1.1	97.2	100.7
PCM 960	20	42.8	4.4	101.1	0.1	55.2	5.7	113.0	0.2	67.6	7.0	124.9	0.3		
TPM 850	30	34.2	2.3	92.8	0.05	47.5	3.2	105.7	0.1	60.1	4.1	117.7	0.1		
1/20HP, 1.1A	40					38.9	2.0	97.3	0.05	52.7	2.7	110.6	0.10		
078V	10	58.9	12.0	105.7	0.8	73.1	15.0	116.7	1.1	87.3	18.0	127.6	1.5	107.0	110.9
PCM 1190	20	49.5	5.0	98.4	0.2	63.9	6.6	109.5	0.3	78.3	8.1	120.7	0.4		
TPM 1050	30	40.0	2.7	91.0	0.10	55.0	3.8	102.6	0.1	69.6	4.8	113.9	0.1		
1/20HP, 1.1A	40					45.7	2.3	95.4	0.05	60.9	3.1	107.2	0.1		
100V	10	62.4	12.7	104.3	0.9	77.5	15.9	114.9	1.2	92.4	19.1	125.6	1.7	111.4	115.5
PCM 1300	20	52.4	5.3	97.2	0.2	67.7	6.9	108.0	0.3	82.9	8.5	118.8	0.4		
TPM 1150	30	42.4	2.9	90.1	0.1	58.2	4.0	101.3	0.1	73.6	5.0	112.2	0.2		
1/6HP, 2.0A	40					48.5	2.5	94.4	0.05	64.5	3.3	105.7	0.1		
100V	10	68.8	14.1	101.7	1.0	85.4	17.5	111.8	1.5	101.9	21.0	121.8	2.0	119.8	124.2
PCM 1520	20	57.7	5.9	95.0	0.2	74.6	7.6	105.2	0.3	91.4	9.4	115.4	0.5		
TPM 1350	30	46.8	3.2	88.4	0.1	64.1	4.4	98.9	0.1	81.1	5.6	109.2	0.2		
1/6HP, 2.0A	40	30.3	1.5	78.4	0.05	53.6	2.7	92.5	0.10	71.0	3.6	103.0	0.1		
100V	10	76.7	15.7	98.7	1.2	95.3	19.5	108.0	1.8	113.7	23.4	117.3	2.4	130.4	135.1
PCM 1830	20	64.3	6.6	92.4	0.3	83.1	8.5	101.9	0.4	101.9	10.5	111.3	0.6		
TPM 1625	30	52.2	3.5	86.3	0.1	71.3	4.9	95.9	0.2	90.4	6.2	105.5	0.2		
1/6HP, 2.0A	40	36.4	1.9	78.3	0.05	59.9	3.1	90.2	0.1	79.0	4.1	99.8	0.1		
145V	10	97	19.8	98.2	2.3	120.0	24.6	107.3	3.2	143.0	29.5	116.3	4.3	160.9	166.8
PCM 2340	20	82.6	8.4	92.5	0.5	106.0	10.9	101.8	0.8	129.2	13.3	110.9	1.1		
TPM 850	30	68.6	4.7	87.0	0.2	92.3	6.3	96.4	0.3	115.9	7.9	105.7	0.4		
1/4HP, 3.5A	40	54.3	2.8	81.4	0.1	79.0	4.0	91.1	0.1	102.6	5.3	100.4	0.2		
145V	10	110	22.5	94.3	2.9	136.3	28.0	102.5	4.1	162.4	33.5	110.6	5.5	179.0	185.5
PCM 2960	20	93.7	9.6	89.2	0.6	120.3	12.3	97.5	1.0	146.8	15.1	105.7	1.3		
TPM 1075	30	77.9	5.3	84.3	0.2	104.7	7.1	92.6	0.4	131.5	9.0	101.0	0.5		
1/4HP, 3.5A	40	62.2	3.2	79.4	0.1	89.6	4.6	87.9	0.2	116.6	6.0	96.3	0.3		
210V	10	139	28.3	95.2	5.4	170.9	35.1	103.4	7.6	203.2	41.9	111.6	10.2	222.2	230.2
PCM 3630	20	120	12.2	90.5	1.2	152.7	15.7	98.8	1.8	185.4	19.1	107.1	2.5		
TPM 850	30	102	6.9	85.9	0.5	134.9	9.2	94.3	0.7	167.9	11.5	102.7	1.0		
1/2HP, 5.6A	40	84.2	4.3	81.4	0.2	117.6	6.0	89.9	0.3	150.7	7.7	98.3	0.5		
210V	10	156	31.9	91.4	6.7	192.8	39.6	98.7	9.5	229.2	47.3	106.0	12.7	247.2	256.1
PCM 4590	20	135	13.8	87.2	1.5	172.2	17.6	94.6	2.3	209.0	21.5	102.0	3.1		
TPM 1075	30	115	7.8	83.1	0.6	152.1	10.4	90.5	0.9	189.4	13.0	98.0	1.3		
1/2HP, 5.6A	40	95	4.8	79.1	0.2	132.6	6.8	86.6	0.4	170.1	8.7	94.2	0.7		

TABEAU 4 CAPACITES AEROTHERMES A PROJECTION VERTICALE (SUITE)

	160 °F					180 °F				200 °F				VAPEUR 2 PSIG	
	BAISSE EAU(°F)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	GPM	TFA (°F)	PD (PIED)	CAP (MBH)	LBS/ HR
300V	10	197	40.2	96.1	8.7	242.5	49.8	104.4	12.3	287.8	59.3	112.8	16.4	313.5	324.8
PCM 5030	20	172	17.6	91.6	2.0	218.4	22.4	100.0	3.0	264.1	27.2	108.4	4.1		
TPM 850	30	148	10.1	87.2	0.8	194.7	13.3	95.7	1.2	240.9	16.5	104.2	1.7		
1/2HP, 5.6A	40	125	6.4	82.9	0.3	171.5	8.8	91.4	0.6	217.8	11.2	99.9	0.9		
300V	10	223	45.4	92.3	10.8	273.8	56.2	99.7	15.3	325.0	67.0	107.1	20.5	348.8	361.4
PCM 6360	20	195	19.9	88.2	2.5	246.6	25.3	95.7	3.7	298.3	30.7	103.2	5.1		
TPM 1075	30	168	11.4	84.3	1.0	219.8	15.0	91.9	1.5	272.1	18.7	99.5	2.1		
1/2HP, 5.6A	40	141	7.2	80.4	0.4	193.9	9.9	88.1	0.7	246.3	12.7	95.7	1.1		
370V	10	243	49.6	102.1	6.1	298.7	61.3	111.8	8.6	354.5	73.1	121.4	11.5	401.4	416.0
PCM 5320	20	213	21.7	96.8	1.4	269.0	27.6	106.6	2.1	325.3	33.5	116.4	2.9		
TPM 850	30	183	12.4	91.7	0.5	239.8	16.4	101.6	0.8	296.7	20.3	111.4	1.2		
1/2HP, 5.6A	40	154	7.8	86.6	0.2	210.9	10.8	96.6	0.4	268.2	13.8	106.5	0.6		
370V	10	278	56.7	98.1	7.7	341.8	70.1	106.8	11.0	405.7	83.6	115.6	14.7	446.6	462.8
PCM 6730	20	243	24.8	93.3	1.8	307.8	31.5	102.2	2.7	372.3	38.3	111.0	3.7		
TPM 1075	30	209	14.2	88.6	0.7	274.4	18.7	97.6	1.1	339.6	23.3	106.5	1.5		
1/2HP, 5.6A	40	176	9.0	84.1	0.3	241.6	12.4	93.1	0.5	307.0	15.8	102.1	0.8		
375V	10	279	57.0	85.2	16.3									432.3	448.0
PCM 10200	20	244	24.9	82.1	3.8	309.3	31.7	88.0	5.6	374.3	38.5	93.8	7.7		
TPM 850	30	211	14.3	79.0	1.4	276.1	18.8	85.0	2.2	341.5	23.4	90.9	3.2		
2HP, 7.4A*	40	177	9.0	76.0	0.6	243.5	12.4	82.0	1.1	309.6	15.9	88.0	1.6		
480V	10	355	72.5	90.3	12.0	436.8	89.6	97.3	17.1					553.6	573.7
PCM 10800	20	310	31.7	86.5	2.8	393.3	40.3	93.6	4.1	475.9	49.0	100.6	5.7		
TPM 1075	30	268	18.2	82.8	1.1	350.7	23.9	89.9	1.7	434.1	29.8	97.1	2.4		
2HP, 7.4A*	40	225	11.4	79.2	0.5	309.4	15.8	86.4	0.8	393.2	20.2	93.6	1.2		

* Ampérage maximum à 230 Volts 60 Hertz 3 Phases

TABLEAU 5 FACTEURS DE CORRECTION POUR AEROTHERMES A PROJECTION HORIZONTALE.

PRESSION DE VAPEUR (LBS)	TEMPERATURE D'ENTREE D'AIR (°F)											
	-10	0	10	20	30	40	50	60	70	80	90	100
0	1.542	1.451	1.363	1.277	1.194	1.113	1.034	0.957	0.883	0.810	0.740	0.671
2	1.587	1.496	1.406	1.320	1.236	1.155	1.075	0.998	0.923	0.850	0.779	0.710
5	1.647	1.554	1.464	1.377	1.293	1.210	1.130	1.053	0.977	0.903	0.831	0.761
10	1.733	1.639	1.547	1.459	1.373	1.290	1.209	1.130	1.053	0.979	0.906	0.835
15	1.805	1.710	1.618	1.528	1.441	1.357	1.275	1.196	1.118	1.043	0.969	0.897
20	1.867	1.771	1.678	1.588	1.500	1.415	1.333	1.252	1.174	1.098	1.024	0.951
25	1.924	1.827	1.734	1.643	1.554	1.468	1.385	1.304	1.225	1.148	1.073	1.000
30	1.973	1.875	1.781	1.689	1.600	1.514	1.430	1.348	1.269	1.191	1.116	1.042
40	2.061	1.962	1.866	1.774	1.683	1.596	1.511	1.428	1.347	1.269	1.193	1.118
50	2.138	2.038	1.941	1.847	1.756	1.667	1.581	1.497	1.416	1.337	1.260	1.184
60	2.202	2.101	2.003	1.909	1.816	1.727	1.640	1.556	1.474	1.394	1.316	1.240
70	2.265	2.163	2.064	1.968	1.876	1.785	1.698	1.613	1.530	1.449	1.370	1.294
75	2.292	2.190	2.090	1.994	1.901	1.811	1.723	1.637	1.554	1.473	1.394	1.317
80	2.320	2.218	2.118	2.022	1.928	1.837	1.749	1.663	1.579	1.498	1.419	1.342
90	2.369	2.266	2.165	2.068	1.974	1.882	1.793	1.707	1.623	1.541	1.461	1.384
100	2.417	2.313	2.212	2.114	2.019	1.927	1.837	1.750	1.666	1.583	1.503	1.425
125	2.521	2.415	2.313	2.214	2.117	2.024	1.933	1.845	1.759	1.676	1.594	1.515
150	2.611	2.504	2.401	2.300	2.203	2.108	2.016	1.927	1.840	1.755	1.673	1.593

TABLEAU 6 FACTEURS DE CORRECTION POUR AEROTHERMES A PROJECTION VERTICALE.

PRESSION DE VAPEUR (PSIG)	TEMPERATURE D'ENTREE D'AIR (°F)											
	-10	0	10	20	30	40	50	60	70	80	90	100
0	1.488	1.408	1.329	1.251	1.176	1.101	1.029	0.957	0.887	0.819	0.751	0.684
2	1.526	1.445	1.366	1.288	1.213	1.139	1.066	0.994	0.924	0.856	0.788	0.721
5	1.575	1.494	1.415	1.337	1.262	1.187	1.115	1.043	0.973	0.904	0.836	0.770
10	1.645	1.564	1.484	1.407	1.331	1.257	1.184	1.112	1.042	0.973	0.905	0.839
15	1.704	1.622	1.543	1.465	1.389	1.315	1.242	1.170	1.100	1.031	0.963	0.896
20	1.754	1.673	1.593	1.516	1.439	1.365	1.292	1.220	1.150	1.081	1.013	0.946
25	1.800	1.719	1.639	1.561	1.485	1.410	1.337	1.265	1.195	1.126	1.058	0.991
30	1.839	1.758	1.678	1.600	1.524	1.449	1.376	1.304	1.233	1.164	1.096	1.029
40	1.910	1.828	1.748	1.670	1.593	1.518	1.445	1.373	1.302	1.233	1.165	1.098
50	1.971	1.889	1.808	1.730	1.653	1.578	1.505	1.433	1.362	1.292	1.224	1.157
60	2.022	1.939	1.859	1.781	1.704	1.629	1.555	1.483	1.412	1.342	1.274	1.207
70	2.071	1.989	1.908	1.829	1.753	1.677	1.603	1.531	1.460	1.390	1.322	1.254
75	2.092	2.010	1.929	1.851	1.774	1.698	1.624	1.552	1.481	1.411	1.342	1.275
80	2.115	2.032	1.952	1.873	1.796	1.720	1.646	1.574	1.503	1.433	1.364	1.297
90	2.153	2.070	1.989	1.910	1.833	1.758	1.684	1.611	1.540	1.470	1.401	1.334
100	2.190	2.107	2.026	1.947	1.870	1.794	1.720	1.648	1.576	1.506	1.437	1.370
125	2.271	2.188	2.107	2.028	1.950	1.874	1.800	1.727	1.655	1.585	1.516	1.448
150	2.341	2.258	2.176	2.097	2.019	1.943	1.868	1.795	1.723	1.653	1.584	1.516

Note: Pour obtenir la capacité en BTU d'un aérotherme à projection horizontale ou verticale à des conditions autres qu'une entrée d'air à 60°F et de la vapeur à 2 Lbs, multiplier sa capacité de base par le facteur de correction (tableaux ci-dessus) qui correspond aux conditions dans lesquelles l'aérotherme fonctionnera.

TABEAU 7 FACTEURS DE CORRECTION POUR AÉROTHERMES A PROJECTION HORIZONTALE OU VERTICALE.

TEMP D'ENTREE D'EAU (°F)	TEMPERATURE D'ENTREE D'AIR (°F)							
	30	40	50	60	70	80	90	100
160	0.962	0.880	0.795	0.715	0.634	0.568	0.484	0.410
170	1.036	0.954	0.869	0.785	0.704	0.628	0.552	0.478
180	1.110	1.024	0.940	0.859	0.774	0.698	0.622	0.546
190	1.182	1.100	1.011	0.929	0.845	0.768	0.690	0.615
200	1.259	1.171	1.085	1.000	0.917	0.838	0.760	0.684
210	1.331	1.249	1.158	1.071	0.988	0.908	0.829	0.753
220	1.408	1.318	1.230	1.141	1.058	0.978	0.898	0.820
230	1.482	1.391	1.301	1.215	1.129	1.048	0.967	0.889
240	1.554	1.468	1.374	1.285	1.200	1.118	1.036	0.957
250	1.627	1.539	1.448	1.359	1.270	1.188	1.106	1.025
260	1.702	1.612	1.520	1.429	1.340	1.258	1.173	1.095
270	1.780	1.686	1.590	1.500	1.410	1.328	1.244	1.161
280	1.850	1.759	1.664	1.571	1.482	1.398	1.311	1.230
290	1.925	1.831	1.735	1.642	1.552	1.468	1.380	1.300
300	2.000	1.909	1.809	1.715	1.622	1.538	1.450	1.368
310	2.070	1.976	1.882	1.785	1.694	1.604	1.515	1.433
320	2.142	2.048	1.953	1.858	1.764	1.674	1.585	1.499
330	2.220	2.120	2.024	1.930	1.838	1.742	1.655	1.569
340	2.295	2.193	2.095	2.000	1.907	1.815	1.723	1.638
350	2.370	2.268	2.168	2.070	1.976	1.884	1.795	1.705
360	2.440	2.348	2.242	2.140	2.045	1.952	1.862	1.776
370	2.515	2.417	2.312	2.215	2.116	2.020	1.930	1.843
380	2.590	2.488	2.388	2.285	2.188	2.091	1.998	1.910
390	2.660	2.560	2.459	2.360	2.258	2.162	2.067	1.977
400	2.735	2.632	2.530	2.430	2.332	2.230	2.137	2.046



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