



SPLIT-TYPE, HEAT PUMP AIR CONDITIONERS

July 2022

No. OCDT798-W

# TECHNICAL DATA R410A

[Model Name]	[Service Ref.]
TPEADA09AA80A	<b>TPEADA09AA80A</b>
TPEADA12AA80A	<b>TPEADA12AA80A</b>
TPEADA15AA80A	<b>TPEADA15AA80A</b>
TPEADA18AA80A	<b>TPEADA18AA80A</b>
TPEADA24AA80A	<b>TPEADA24AA80A</b>
TPEADA30AA80A	<b>TPEADA30AA80A</b>
TPEADA36AA80A	<b>TPEADA36AA80A</b>

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# 1

# SPECIFICATION

## TPEADA12AA80A    TPEADA18AA80A    TPEADA24AA80A    TPEADA30AA80A    TPEADA36AA80A (PUY Combination)

Model name	Indoor unit	TPEADA12AA80A	TPEADA18AA80A	TPEADA24AA80A	TPEADA30AA80A	TPEADA36AA80A		
	Outdoor unit	TRUYA0121KA70NA TRUYA0121KA70BA	TRUYA0181HA70NA TRUYA0181KA70BA	TRUYA0241HA70NA TRUYA0241HA70BA	TRUYA0301HA70NA TRUYA0301HA70BA	TRUYA0361KA70NA TRUYA0361KA70BA		
Cooling	Max. Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	
	Rated Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	
	Min. Capacity	Btu/h	5,000	8,000	10,000	9,000	16,000	
	Total Input	W	920	1,660	2,050	3,000	3,000	
	EER	Btu/h/W	13.0	10.8	11.7	10.0	12.0	
	SEER	Btu/h/W	21.1	19.9	19.6	19.1	19.1	
	Moisture Removal	Pints/h	1.8	3.7	6.9	8.6	8.1	
	SHF		0.83	0.77	0.68	0.68	0.75	
	Power factor	%	90.9	91.4	92.8	93.8	93.8	
	Heating	Max. Capacity	Btu/h	-	-	-	-	-
Rated Capacity		Btu/h	-	-	-	-	-	
Min. Capacity		Btu/h	-	-	-	-	-	
Total Input		W	-	-	-	-	-	
COP		W/W	-	-	-	-	-	
HSPF(I/V)		Btu/h/W	-	-	-	-	-	
Power factor		%	-	-	-	-	-	
Heating at low ambient	Rated Capacity	Btu/h	-	-	-	-	-	
	Total Input	W	-	-	-	-	-	
	COP	W/W	-	-	-	-	-	
Power supply	Phase,Cycle,Voltage	1phase, 60Hz, 208/230V						
	Breaker size	A	15		25	30		
Voltage	Indoor - Outdoor S1-S2	AC208V / 230V						
	Indoor - Outdoor S2-S3	DC24V						
	Indoor - Remote controller	DC12V						
Indoor unit	MCA	A	1.45	1.69	2.63	2.73	3.30	
	MOCP	A	15					
	Fan Motor	F.L.A	1.16	1.35	2.10	2.18	2.64	
	Fan Motor Output	W	85		121			
	Air flow DRY	CMM	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	17.5-21.0-25.0	24.0-29.0-34.0	
	(LoLo-Lo-Mid-Hi) WET	CMM	9.0-11.0-13.0	11.0-13.5-16.0	13.5-17.0-20.0	16.5-20.0-24.0	23.0-28.0-33.0	
	Air flow DRY	CFM	353-424-494	424-512-600	512-635-741	618-742-883	847-1,024-1,201	
	(LoLo-Lo-Mid-Hi) WET	CFM	313-384-454	384-472-560	472-595-701	578-702-843	807-984-1,161	
	External pressure	in.WG[Pa]	[35/50/70/100/150]					
	Sound level (LoLo-Lo-Mid-Hi)	dB(A)	28-30-34	30-33-37	30-33-37	30-34-39	33-38-42	
	External finish		Galvanized					
	Dimension	W:mm[inch]	900[35-7/16]			1,100[43-5/16]		1,400[55-1/8]
	Unit (Panel)	D:mm[inch]	732[28-7/8]					
		H:mm[inch]	250[9-7/8]					
	Weight Unit	kg	26	28	31		39	
lbs		58	62	69		86		
Field Drain pipe size	mm[inch]	OD. φ32[1-1/4]						
Remote controller		Attached in indoor unit						
Outdoor unit	MCA	A	11		19	25		
	MOCP	A	28		26	31		
	Fan Motor	F.L.A	0.5		0.4	0.5 + 0.5		
	Fan Motor Output	W	46		86	74		
	Compressor	Type	SNB092FNCM	SNB130FNCM2	SNB172FVHM1	MNB33FBRMC-L		
		R.L.A	7					
		L.R.A	12		11		13	
	Air flow	CMM[CFM]	45[1,590]		55[1,940]		110[3,880]	
	Refrigerant Control		Electronic Expansion Valve					
	Defrost Method		-					
	Sound level at cooling	dB(A)	44		47			
	Sound level at heating	dB(A)	-					
	External finish		Ivory Munsell 3Y 7.8/1.1					
	Dimension	W:mm[inch]	809+62 [31-13/16 + 7/16]		950 [37-13/32]		1,050 [41-5/16]	
		D:mm[inch]	300 [11-3/16]					
H:mm[inch]		630 [24-13/16]		943 [37-1/8]		1,338 [52-11/16]		
Weight	kg[lbs]	41[92]	44[99]	68[151]		96[211]		
Refrigerant	Type	R410A						
	Charge	kg[lbs,oz]	2.0 [4 lbs 7 oz]	2.2 [4 lbs 14 oz]	3.5 [7 lbs 11 oz]	4.7 [10 lbs 6 oz]		
	Oil	L[oz]	0.35 (FV50S) [12]	0.50 (FV50S) [16]	0.70 (FV50S) [23]	1.40 (FV50S) [45]		
Refrigerant pipe size	Gas side O.D.	mm[inch]	12.7[1/2]		15.88[5/8]			
	Liquid side O.D.	mm[inch]	6.35[1/4]		9.52[3/8]			
Refrigerant pipe length	Height difference	Max. 30m [Max.100ft]						
	Length	Max. 50m [Max.165ft]			Max. 69m [Max.225ft]			
Refrigerant piping		Not Supplied						
Connection Method		Flared						

NOTES : \*1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)    Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)

### Operating range

Cooling	Indoor intake air temperature		Outdoor intake air temperature	
	Maximum	D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)	
Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)	D.B. -5°C(23°F) D.B. -28.9°C(-20°F)*		

\* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

**TPEADA12AA80A    TPEADA18AA80A    TPEADA24AA80A    TPEADA30AA80A    TPEADA36AA80A**  
**(PUZ Combination)**

Model name	Indoor unit	TPEADA12AA80A	TPEADA18AA80A	TPEADA24AA80A	TPEADA30AA80A	TPEADA36AA80A	
	Outdoor unit	TRUZA0121KA70NA	TRUZA0181KA70NA	TRUZA0241HA70NA	TRUZA0301HA70NA	TRUZA0361KA70NA	
		TRUZA0121KA70BA	TRUZA0181KA70BA	TRUZA0241HA70BA	TRUZA0301HA70BA	TRUZA0361KA70BA	
Cooling	Max. Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000
	Rated Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000
	Min. Capacity	Btu/h	5,000	8,000	10,000	9,000	16,000
	Total Input	W	920	1,660	2,050	3,000	3,000
	EER	Btu/h/W	13.0	10.8	11.7	10.0	12.0
	SEER	Btu/h/W	21.1	19.9	19.6	19.1	19.1
	Moisture Removal	Pints/h	1.8	3.7	6.9	8.6	8.1
	SHF		0.83	0.77	0.68	0.68	0.75
	Power factor	%	90.9	91.4	92.8	93.8	93.8
Heating	Max. Capacity	Btu/h	18,000	22,000	28,000	34,000	40,000
	Rated Capacity	Btu/h	14,000	19,000	26,000	32,000	38,000
	Min. Capacity	Btu/h	5,800	7,900	9,000	8,800	18,200
	Total Input	W	1,030	1,400	1,750	2,490	2,410
	COP	W/W	3.98	3.97	4.35	3.76	4.62
	HSPF(IV/V)	Btu/h/W	10.2/7.5	10.2/7.6	10.8/8.0	10.8/7.7	9.9/7.3
	Power factor	%	91.4	92.0	92.8	93.3	92.7
	Rated Capacity	Btu/h	8,700	11,000	14,800	18,500	20,900
	Total Input	W	1,100	1,350	1,630	1,980	2,350
	COP	W/W	2.31	2.38	2.66	2.73	2.60
Power supply	Phase,Cycle,Voltage	1phase, 60Hz, 208/230V					
	Breaker size	A	15	25	30		
Voltage	Indoor - Outdoor S1-S2	AC208V / 230V					
	Indoor - Outdoor S2-S3	DC24V					
	Indoor - Remote controller	DC12V					
Indoor unit	MCA	A	1.45	1.69	2.63	2.73	3.30
	MOCP	A	15				
	Fan Motor	F.L.A	1.16	1.35	2.10	2.18	2.64
	Fan Motor Output	W	85		121		
	Air flow DRY	CMM	10.0-12.0-14.0	12.0-14.5-17.0	14.5-18.0-21.0	17.5-21.0-25.0	24.0-29.0-34.0
	(Lo-Mid-Hi) WET	CMM	9.0-11.0-13.0	11.0-13.5-16.0	13.5-17.0-20.0	16.5-20.0-24.0	23.0-28.0-33.0
	Air flow DRY	CFM	353-424-494	424-512-600	512-635-741	618-742-883	847-1,024-1,201
	(Lo-Mid-Hi) WET	CFM	313-384-454	384-472-560	472-595-701	578-702-843	807-984-1,161
	External pressure	in.WG[Pa]	[35/50/70/100/150]				
	Sound level (Lo-Mid-Hi)	dB(A)	28-30-34	30-33-37	30-33-37	30-34-39	33-38-42
	External finish		Galvanized				
	Dimension	W:mm[inch]	900[35-7/16]		1,100[43-5/16]		
	Unit (Panel)	D:mm[inch]	732[28-7/8]				
		H:mm[inch]	250[9-7/8]				
	Weight Unit	kg	26	28	31	39	
		lbs	58	62	69	86	
Field Drain pipe size	mm[inch]	OD. φ32[1-1/4]					
Remote controller		Attached in indoor unit					
Outdoor unit	MCA	A	11	19	25		
	MOCP	A	28	26	31		
	Fan Motor	F.L.A	0.5	0.4	0.5 + 0.5		
	Fan Motor Output	W	46	86	74		
	Compressor	Type	SNB092FNCM	SNB130FNCM2	SNB172FWHM1	MNB333FBRCM-L	
		R.L.A	7				
		L.R.A	12	11	13		
	Air flow	CMM[CFM]	45[1,590]	55[1,940]	110[3,880]		
	Refrigerant Control		Electronic Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound level at cooling	dB(A)	44	47	52		
	Sound level at heating	dB(A)	46	48	53		
	External finish		Ivory Munsell 3Y 7.8/1.1				
	Dimension	W:mm[inch]	809+62 [31-13/16 + 7/16]		950 [37-13/32]		
		D:mm[inch]	300 [11-3/16]		330 + 30 [13 + 1-3/16]		
		H:mm[inch]	630 [24-13/16]		943 [37-1/8]		1,338 [52-11/16]
	Weight	kg[lbs]	42 [93]	45[100]	69[153]	97[214]	
Refrigerant	Type	R410A					
	Charge	kg[lbs.oz]	2.0 [4 lbs 7 oz]	2.2 [4 lbs 14 oz]	3.5 [7 lbs 11 oz]	4.7 [10 lbs 6 oz]	
	Oil	L[oz]	0.35 (FV50S) [12]	0.50 (FV50S) [16]	0.70 (FV50S) [23]	1.40 (FV50S) [45]	
Refrigerant pipe size	Gas side O.D.	mm[inch]	12.7[1/2]		15.88[5/8]		
	Liquid side O.D.	mm[inch]	6.35[1/4]		9.52[3/8]		
Refrigerant pipe length	Height difference	Max. 30m [Max.100ft]					
	Length	Max. 30m [Max.100ft]		Max. 50m [Max.165ft]			
Refrigerant piping		Not Supplied					
Connection Method		Flared					

NOTES : \*1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)    Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)  
 (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)    Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)  
 \*2.Rating conditions (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)    Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

**Operating range (For A12/18 model)**

Cooling	Maximum	Indoor intake air temperature		Outdoor intake air temperature	
			D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C(115°F)	
Heating	Minimum	D.B. 19°C(66°F), W.B. 15°C(59°F)		D.B. -5°C(23°F)	
		D.B. 10°C(50°F)		D.B. -18°C(0°F)*	

**Operating range (For A24/30/36/42 model)**

Cooling	Maximum	Indoor intake air temperature		Outdoor intake air temperature	
			D.B. 32°C(90°F), W.B. 23°C(73°F)	D.B. 46°C (115°F)	
Heating	Minimum	D.B. 19°C (66°F), W.B. 15°C (59°F)		D.B. -5°C (23°F)	
		D.B. 10°C (50°F)		D.B. -18°C (0°F)*	

\* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C(23°F)DB.)

**TPEADA24AA80A    TPEADA30AA80A    TPEADA36AA80A**  
**(PUZ Combination)**

Model name	Indoor unit		TPEADA24AA80A	TPEADA30AA80A	TPEADA36AA80A	
	Outdoor unit		TRUZH0241HA10NA	TRUZH0301KA00NA	TRUZH0361KA00NA	
Cooling	Rated Capacity	Btu/h	24,000	30,000	36,000	
	Capacity Range	Btu/h	10,000-24,000	14,600-30,000	15,600-36,000	
	Total input	W	2,080	2,350	2,850	
	Energy Efficiency	EER		11.5	12.7	12.6
		SEER		16.6	18.1	17.1
	Moisture Removal	Pints/h	6.9	6.5	5.2	
	Sensible Heat Factor		0.68	0.76	0.84	
Heating at 47°F	Rated Capacity	Btu/h	25,000	32,000	38,000	
	Capacity Range	Btu/h	10,000-28,000	14,800-34,000	17,400-40,000	
	Total input	W	1,920	2,740	2,940	
	HSPF(Region IV)	Btu/h/W	10.4	9.6	10.4	
Heating at 17°F	Rated Capacity	Btu/h	18,000	21,000	25,400	
	Rated Total input	W	2,096	2,615	2,955	
	Maximum Capacity	Btu/h	25,000	32,000	38,000	
	Maximum Total Input	W	3,450	4,445	4,985	
Power supply	Voltage, Phase, Cycle		1-phase, 60Hz, 208/230V			
Voltage	Indoor - Outdoor S1-S2		AC 208/230V			
	Indoor - Outdoor S2-S3		DC24V			
	Indoor - Remote controller		DC12V			
Indoor unit	MCA	A	2.63	2.73	3.30	
	Fan Motor	F.L.A	2.10	2.18	2.64	
	Fan Motor Output	W	121		244	
	Air flow (Lo-Mid-Hi)	DRY(CFM)	512-635-741	618-742-883	847-1,024-1,201	
		WET(CFM)	472-595-701	578-702-843	807-984-1,161	
	External Static Pressure	in WG	0.14/0.20/0.28/0.40/0.60			
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	30-33-37	30-34-39	33-38-42	
	External Finish Color		Galvanized			
	Dimensions	W: in	43-5/16		55-1/8	
		D: in	28-7/8			
		H: in	9-7/8			
	Weight Unit	lbs	31		39	
	Field Drainpipe O.D.	in		1-1/4		
	Refrigerant pipe Gas	in		5/8		
Refrigerant pipe Liquid	in		3/8			
Outdoor unit	MCA	A	17	24	26	
	MOCP	A	27	40	42	
	SCCR	A	5	5	5	
	Inverter input	A	10	16	16	
	Compressor	Model(Type)	DNB28FBAMT	ANB33FJMMT	ANB33FJMMT	
	Air flow (Cooling/Heating)	CFM	1,940/1,940	3,880/3,880	3,880/3,880	
	Refrigerant Control		Electronic Expansion Valve			
	Defrost Method		Reverse Cycle			
	SPL (Cooling)	dB (A)	52			
	SPL (Heating)	dB (A)	53			
	External Finish Color		Ivory Munsell 3Y 7.8/1.1			
	Dimension	W: in	37-13/32	41-11/32		
		D: in	12-63/64+63/64			
		H: in	37-1/8	52-43/64		
	Weight	lbs	86	118		
	Remote Controller	Type	Attached in indoor unit			
	Refrigerant	Type	R410A			
Charge		lbs, oz	7 lbs 11 oz	11 lbs 7 oz		
Oil		Type(Fl.oz.)	FVC68D(34 oz)	FV50S(47 oz)		
Refrigerant Pipe	Gas side O.D.	in	5/8			
	Liquid side O.D.	in	3/8			
	Height Difference (Max)	ft	100			
	Length (Max.)	ft	165	245		
Connection Method	Indoor/Outdoor	Flared				
Operation Guarantee	Cooling	°F (°C)	* 0 to 115 (-18 to 46)			
	Heating	°F (°C)	-13 to 75 (-25 to 24)			

NOTES: 1. Rating conditions (cooling)-Indoor: D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)      Outdoor: D.B. 35°C (95°F), W.B. 23.9°C (75°F)  
(heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)      Outdoor: D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)  
2. Rating conditions (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)      Outdoor: D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 32°C (90°F), W.B. 23°C (73°F)	D.B. 46°C (115°F)
	Minimum	D.B. 19°C (66°F), W.B. 15°C (59°F)	D.B. -5°C (23°F) D.B. -18°C (0°F)*
Heating	Maximum	D.B. 28°C (83°F)	D.B. 21.1°C (70°F), W.B. 15°C (59°F)
	Minimum	D.B. 10°C (50°F)	D.B. -25°C (-13°F), W.B. -25°C (-13°F)

\* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C (23°F) DB.)

**TPEADA09AA80A**  
**(SUZ Combination)**

**TPEADA12AA80A**

**TPEADA15AA80A**

Model name	Indoor unit		TPEADA09AA80A	TPEADA12AA80A	TPEADA15AA80A	
	Outdoor unit		NTXSKS09A112AA	NTXSKS12A112AA	NTXSKS15A112AA	
Cooling	Rated Capacity	Btu/h	9,000	12,000	15,000	
	Capacity Range	Btu/h	4,300-9,000	4,400-12,000	5,500-15,000	
	Total input	W	720	930	1,150	
	Energy Efficiency	EER		12.5	12.9	13.0
		SEER		19.7	20.5	19.2
	Moisture Removal	Pints/h		0.8	1.1	1.3
	Sensible Heat Factor			0.90	0.9	0.9
Heating at 47°F	Rated Capacity	Btu/h	12,000	15,000	18,000	
	Capacity Range	Btu/h	3,960-13,000	4,800-17,000	4,900-21,500	
	Total input	W	900	1,160	1,350	
	HSPF(Region IV)	Btu/h/W	12.6(11.9)	13.0(12.4)	11.6(11.2)	
	Rated Capacity	Btu/h	7,600	9,900	11,300	
Heating at 17°F	Rated Total input	W	880(1,010)	1,070(1,200)	1,220(1,350)	
	Maximum Capacity	Btu/h	7,600	9,900	11,300	
	Maximum Total Input	W	880(1,010)	1,070(1,200)	1,220(1,350)	
	Power supply	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz		
Voltage	Indoor - Outdoor S1-S2		AC 208/230V			
	Indoor - Outdoor S2-S3		DC12-24V			
	Indoor - Remote controller		DC12V			
Indoor unit	MCA	A	1.45		1.69	
	Fan Motor	F.L.A.	1.16		1.35	
	Fan Motor Output	W	85			
	Air flow (Lo-Mid-Hi)	DRY(CFM)	282-318-353	353-424-494	424-512-600	
		WET(CFM)	254-286-318	318-382-445	382-461-540	
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60			
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	24-26-28	28-30-34	30-33-37	
	External Finish Color		Galvanized Sheets			
	Dimensions	W: in	35-7/16			
		D: in	28-7/8			
		H: in	9-7/8			
	Weight Unit	lbs	58		62	
	Field Drainpipe O.D.	in	O.D. 1-1/4			
	Refrigerant pipe Gas	in	3/8	1/2		
	Refrigerant pipe Liquid	in	1/4			
Outdoor unit	MCA	A	9		10	
	MOCP	A	15	16	18	
	Fan Motor	F.L.A.	0.50			
	Compressor	Model(Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary	
		R.L.A.	6.2	6.6	7.4	
		L.R.A.	7.7	8.2	9.3	
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)	(1,229/1,172)	(1,243/1,229)	
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	SPL (Cooling)	dB (A)	48	49		
	SPL (Heating)	dB (A)	50	51		
	External Finish Color		Munsell No.3Y 7.8/1.1			
	Dimension	W: in	31-1/2			
		D: in	11-1/4			
		H: in	21-5/8			
Weight	lbs	81				
Remote Controller	Type	Wired Remote Controller				
Refrigerant	Type	R410A				
	Charge	lbs, oz	2.5	2.9		
	Oil	Type(Fl.oz.)	FV50S(9.1)	FV50S(11.8)		
Refrigerant Pipe	Gas side O.D.	in	3/8		1/2	
	Liquid side O.D.	in	1/4			
	Height Difference (Max)	ft	40			
	Length (Max.)	ft	65			
Connection Method	Indoor/Outdoor	Flared/Flared				
Operation Guarantee	Cooling	°F	14 - 115			
	Heating	°F	-4 - 75			

NOTES: 1. Rating conditions (cooling)-Indoor: D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor: D.B. 35°C (95°F), W.B. 23.9°C (75°F)  
 (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor: D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)  
 2. Rating conditions (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor: D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

Operating range

		Indoor intake air temperature		Outdoor intake air temperature	
Cooling	Maximum	D.B. 35°C (95°F), W.B. 21.7°C (71°F)	D.B. 46°C (115°F)		
	Minimum	D.B. 19.4°C (67°F), W.B. 13.9°C (57°F)	D.B. -10°C (14°F)		
Heating	Maximum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)	D.B. 24°C (75°F), W.B. 18°C (65°F)		
	Minimum	D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)	D.B. -20°C (-4°F), W.B. -21°C (-5°F)		

**TPEADA18AA80A    TPEADA24AA80A    TPEADA30AA80A    TPEADA36AA80A**  
**(SUZ Combination)**

Model name	Indoor unit		TPEADA18AA80A	TPEADA24AA80A	TPEADA30AA80A	TPEADA36AA80A	
	Outdoor unit		NTXSXS18A112AA	NTXSXS24A112AA	NTXSXS30A112AA	NTXSXS36A112AA	
Cooling	Rated Capacity	Btu/h	18,000	24,000	27,000	33,000	
	Capacity Range	Btu/h	6,200-18,000	12,000-24,000	13,200-27,000	14,000-33,000	
	Total input	W	1,270	1,920	2,160	3,510	
	Energy Efficiency	EER		14.1	12.5	12.5	9.4
		SEER		19.8	18.0	18.0	16.0
	Moisture Removal	Pints/h		3.2	4.9	3.9	4.8
	Sensible Heat Factor			0.80	0.77	0.84	0.84
Heating at 47°F	Rated Capacity	Btu/h	21,600	25,000	30,000	33,400	
	Capacity Range	Btu/h	8,120-25,600	14,400-28,000	15,860-33,000	14,750-36,000	
	Total input	W	1,600	1,990	2,410	3,170	
	HSPF(Region IV)	Btu/h/W	12.9(12.5)	11.2(11.0)	12.6(12.4)	11.6(11.5)	
Heating at 17°F	Rated Capacity	Btu/h	14,000	15,000	22,400	23,100	
	Rated Total input	W	1,440(1,560)	1,650(1,770)	1,920(2,040)	2,830(2,950)	
	Maximum Capacity	Btu/h	14,000	15,000	22,400	23,100	
	Maximum Total Input	W	1,440(1,560)	1,650(1,770)	1,920(2,040)	2,830(2,950)	
Power supply	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz				
Voltage	Indoor - Outdoor S1-S2		AC 208/230V				
	Indoor - Outdoor S2-S3		DC12-24V				
	Indoor - Remote controller		DC12V				
Indoor unit	MCA	A	1.69	2.63	2.73	3.30	
	Fan Motor	F.L.A	1.35	2.10	2.18	2.64	
	Fan Motor Output	W	85	121		244	
	Air flow (Lo-Mid-Hi)	DRY(CFM)		424-512-600	512-635-741	618-742-883	847-1,024-1,201
		WET(CFM)		382-461-540	461-572-667	556-668-795	762-922-1,081
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60				
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	30-33-37		30-34-39	33-38-42	
	External Finish Color		Galvanized Sheets				
	Dimensions	W: in	35-7/16	43-5/16		55-1/8	
		D: in		28-7/8			
		H: in		9-7/8			
	Weight Unit	lbs	62	69		86	
	Field Drainpipe O.D.	in	O.D. 1-1/4				
	Refrigerant pipe Gas	in	1/2	5/8			
Refrigerant pipe Liquid	in	1/4	3/8				
Outdoor unit	MCA	A	14	17			
	MOCP	A	24	31			
	Fan Motor	F.L.A.	0.67	1.00			
	Compressor	Model(Type)	DC INVERTER-driven Twin Rotary				
		R.L.A.	10	13.0			
		L.R.A.	12.5	16.0			
	Air flow (Cooling/Heating)	CFM	(1,691/1,691)	(2,020/1,930)			
	Refrigerant Control	Linear Expansion Valve					
	Defrost Method	Reverse Cycle					
	SPL (Cooling)	dB (A)	54	55			
	SPL (Heating)	dB (A)	55				
	External Finish Color		Munsell No.3Y 7.8/1.1				
	Dimension	W: in	33-1/16				
		D: in	13				
H: in		34-5/8					
Weight	lbs	127	129				
Remote Controller	Type	Wired Remote Controller					
Refrigerant	Type	R410A					
	Charge	lbs, oz	3.9	4.14			
	Oil	Type(Fl.oz.)	FV50S(11.8)	FV50S(15.6)			
Refrigerant Pipe	Gas side O.D.	in	1/2	5/8			
	Liquid side O.D.	in	1/4	3/8			
	Height Difference (Max)	ft	50	100			
	Length (Max.)	ft	100				
Connection Method	Indoor/Outdoor	Flared/Flared					
Operation Guarantee	Cooling	°F	14 - 115				
	Heating	°F	-4 - 75	14 - 75			

NOTES: 1. Rating conditions (cooling)-Indoor: D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)      Outdoor: D.B. 35°C (95°F), W.B. 23.9°C (75°F)  
(heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)      Outdoor: D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)  
2. Rating conditions (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)      Outdoor: D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

Operating range

		Indoor intake air temperature		Outdoor intake air temperature (NTXSXS18A112AA)	Outdoor intake air temperature (NTXSXS24/30/36A112AA)
Cooling	Maximum	D.B. 35°C (95°F), W.B. 21.7°C (71°F)		D.B. 46°C (115°F)	D.B. 46°C (115°F)
	Minimum	D.B. 19.4°C (67°F), W.B. 13.9°C (57°F)		D.B. -10°C (14°F)	D.B. -10°C (14°F)
Heating	Maximum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)		D.B. 24°C (75°F), W.B. 18°C (65°F)	D.B. 24°C (75°F), W.B. 18°C (65°F)
	Minimum	D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)		D.B. -20°C (-4°F), W.B. -21°C (-5°F)	D.B. -10°C (14°F), W.B. -11°C (12°F)

**TPEADA09AA80A    TPEADA12AA80A    TPEADA15AA80A    TPEADA18AA80A**  
**(SUZ Combination)**

Model name	Indoor unit		TPEADA09AA80A	TPEADA12AA80A	TPEADA15AA80A	TPEADA18AA80A	
	Outdoor unit		NTXSKH09A112AA	NTXSKH12A112AA	NTXSKH15A112AA	NTXSKH18A112AA	
Cooling	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000	
	Capacity Range	Btu/h	5,000-9,000	5,770-12,000	9,600-15,000	9,320-18,000	
	Total input	W	650	850	1,190	1,400	
	Energy Efficiency	EER		13.8	14.1	12.6	12.8
		SEER		17.8	19.3	18.3	18.9
	Moisture Removal	Pints/h		1.4	1.9	2.4	3.6
	Sensible Heat Factor			0.82	0.82	0.82	0.78
Heating at 47°F	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600	
	Capacity Range	Btu/h	8,200-14,000	7,900-18,000	8,800-23,000	8,800-28,000	
	Total input	W	910	1,100	1,710	1,890	
	HSPF(Region IV)	Btu/h/W	10.8	11	9.9	10.8	
Heating at 17°F	Rated Capacity	Btu/h	6,800	9,000	11,700	14,200	
	Rated Total input	W	780	970	1,500	1,670	
	Maximum Capacity	Btu/h	12,000	15,000	18,000	21,600	
	Maximum Total Input	W	1,380	1,620	2,310	2,550	
Power supply	Voltage, Phase, Cycle		1-phase, 60Hz, 208/230V				
Voltage	Indoor - Outdoor S1-S2		AC 208/230V				
	Indoor - Outdoor S2-S3		DC12-24V				
	Indoor - Remote controller		DC12V				
Indoor unit	MCA	A	1.45		1.69		
	Fan Motor	F.L.A	1.16		1.35		
	Fan Motor Output	W		85			
	Air flow (Lo-Mid-Hi)	DRY(CFM)		282-318-353	353-424-494	424-512-600	424-512-600
		WET(CFM)		254-286-318	318-382-445	382-461-540	382-461-540
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60				
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	24-26-28		28-30-34	30-33-37	
	External Finish Color		Galvanized sheets				
	Dimensions	W: in		35-7/16			
		D: in		28-7/8			
		H: in		9-7/8			
	Weight Unit	lbs	58		62		
	Field Drainpipe O.D.	in	O.D. 1-1/4				
	Refrigerant pipe Gas	in	3/8		1/2		
Refrigerant pipe Liquid	in	1/4					
Outdoor unit	MCA	A	14		17		
	MOCP	A	24		31		
	Fan Motor	F.L.A.	0.67		1.00		
	Compressor	Model(Type)		DC INVERTER-driven Twin Rotary			
		R.L.A.		10.0		13.0	
		L.R.A.		12.5		16.0	
	Air flow (Cooling/Heating)	CFM	(1,691/1,691)		(2,020/1,930)		
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	SPL (Cooling)	dB (A)	54		55		
	SPL (Heating)	dB (A)	55		55		
	External Finish Color		Munsell No.3Y 7.8/1.1				
	Dimension	W: in		33-1/16			
		D: in		13			
H: in			34-5/8				
Weight	lbs	129		131			
Remote Controller	Type		Wired Remote Controller				
Refrigerant	Type		R410A				
	Charge	lbs, oz	3,9		3,12		
	Oil	Type(Fl.oz.)	FV50S(22.0)		FV50S(23.7)		
Refrigerant Pipe	Gas side O.D.	in	3/8		1/2		
	Liquid side O.D.	in	1/4				
	Height Difference (Max)	ft	40		50		
	Length (Max.)	ft	65		100		
Connection Method	Indoor/Outdoor		Flared/Flared				
Operation Guarantee	Cooling	°F	14 - 115				
	Heating	°F	-13 - 75				

NOTES: 1. Rating conditions (cooling)-Indoor: D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)      Outdoor: D.B. 35°C (95°F), W.B. 23.9°C (75°F)  
 (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)      Outdoor: D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)  
 2. Rating conditions (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)      Outdoor: D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

Operating range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	D.B. 35°C (95°F), W.B. 21.7°C (71°F)	D.B. 46°C (115°F)
	Minimum	D.B. 19.4°C (67°F), W.B. 13.9°C (57°F)	D.B. -10°C (14°F)
Heating	Maximum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)	D.B. 24°C (75°F), W.B. 18°C (65°F)
	Minimum	D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)	D.B. -25°C (-13°F), W.B. -26°C (-14°F)

**TPEADA24AA80A TPEADA30AA80A TPEADA36AA80A**  
**(SUZ Combination)**

Model name	Indoor unit		TPEADA24AA80A	TPEADA30AA80A	TPEADA36AA80A	
	Outdoor unit		NTXSKH24A112AA	NTXSKH30A112AA	NTXSKH36A112AA	
Cooling	Rated Capacity	Btu/h	24,000	30,000	33,000	
	Capacity Range	Btu/h	10,000-24,000	14,600-30,000	15,600-33,000	
	Total input	W	2,080	2,350	2,490	
	Energy Efficiency	EER		10.3	12.5	12.5
		SEER		15.0	15.0	15.0
	Moisture Removal	Pints/h	6.9	6.5	3.6	
	Sensible Heat Factor		0.68	0.76	0.88	
Heating at 47°F	Rated Capacity	Btu/h	25,000	32,000	37,000	
	Capacity Range	Btu/h	10,000-28,000	14,700-34,000	17,400-40,000	
	Total input	W	1,920	2,740	2,940	
	HSPF(Region IV)	Btu/h/W	9.0	9.0	9.0	
Heating at 17°F	Rated Capacity	Btu/h	18,000	21,000	25,400	
	Rated Total input	W	2,096	2,615	2,955	
	Maximum Capacity	Btu/h	25,000	32,000	37,000	
	Maximum Total Input	W	3,450	4,445	4,985	
Power supply	Voltage, Phase, Cycle		1-phase, 60Hz, 208/230V			
Voltage	Indoor - Outdoor S1-S2		AC 208/230V			
	Indoor - Outdoor S2-S3		DC12-24V			
	Indoor - Remote controller		DC12V			
Indoor unit	MCA	A	2.63	2.73	3.3	
	Fan Motor	F.L.A	2.10	2.18	2.64	
	Fan Motor Output	W	121	121	244	
	Air flow (Lo-Mid-Hi)	DRY(CFM)	512-635-741	618-742-883	847-1,024-1,201	
		WET(CFM)	472-595-701	578-702-843	807-984-1,161	
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60			
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	30-33-37	30-34-39	33-38-42	
	External Finish Color		Galvanized			
	Dimensions	W: in	53/3/16		65	
		D: in	34-11/16			
		H: in	13-7/16			
	Weight Unit	lbs	31		39	
	Field Drainpipe O.D.	in	1-1/4			
	Refrigerant pipe Gas	in	3/8			
Refrigerant pipe Liquid	in	5/8				
Outdoor unit	MCA	A	17	24	26	
	MOCP	A	27	40	42	
	SCCR	A	5	5	5	
	Inverter input	A	10	16	16	
	Compressor	Model(Type)	DNB28FBAMT	ANB33FJMMT	ANB33FJMMT	
	Air flow (Cooling/Heating)	CFM	(1,691/1,691)		(2,020/1,930)	
	Refrigerant Control		Electronic Expansion Valve			
	Defrost Method		Reverse Cycle			
	SPL (Cooling)	dB (A)	52			
	SPL (Heating)	dB (A)	53			
	External Finish Color		Ivory Munsell 3Y 7.8/1.1			
	Dimension	W: in	37-13/32	41-11/32		
		D: in	12-63/64 + 63/64			
		H: in	37-1/8	52-43/64		
Weight	lbs	86	118			
Remote Controller	Type	Attached in indoor unit				
Refrigerant	Type	R410A				
	Charge	lbs, oz	7 lbs 11 oz	11 lbs 7 oz		
	Oil	Type(Fl.oz.)	FVC68D (34 oz)	FV50S (47 oz)		
Refrigerant Pipe	Gas side O.D.	in	5/8			
	Liquid side O.D.	in	3/8			
	Height Difference (Max)	ft	100			
	Length (Max.)	ft	100			
Connection Method	Indoor/Outdoor	Flared/Flared				
Operation Guarantee	Cooling	°F (°C)	* 0 to 115 (-18 to 46)			
	Heating	°F (°C)	-13 to 75 (-25 to 24)			

NOTES: 1. Rating conditions (cooling)-Indoor: D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor: D.B. 35°C (95°F), W.B. 23.9°C (75°F)  
 (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor: D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)  
 2. Rating conditions (heating)-Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor: D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

Operating range

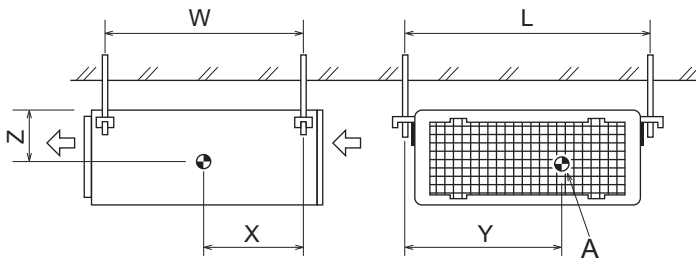
		Indoor intake air temperature		Outdoor intake air temperature	
Cooling	Maximum	D.B. 32°C (90°F), W.B. 23°C (73°F)		D.B. 46°C (115°F)	
	Minimum	D.B. 19°C (66°F), W.B. 15°C (59°F)		D.B. -5°C (23°F) D.B. -18°C (0°F)*	
Heating	Maximum	D.B. 28°C (83°F)		D.B. 21.1°C (70°F), W.B. 15°C (59°F)	
	Minimum	D.B. 10°C (50°F)		D.B. -25°C (-13°F), W.B. -25°C (-13°F)	

\* In case that the wind baffle is installed. (In case that the wind baffle is not installed, the minimum temperature will be -5°C (23°F) DB.)



## 2

# POSITION OF THE CENTER OF GRAVITY



Unit: inch (mm)

Model name	W	L	X	Y	Z
TPEADA09AA80A	25-5/16 (643)	37-9/16 (954)	13-3/8 (340)	14-3/4 (375)	5-1/8 (130)
TPEADA12AA80A	25-5/16 (643)	37-9/16 (954)	13-3/8 (340)	14-3/4 (375)	5-1/8 (130)
TPEADA15AA80A	25-5/16 (643)	37-9/16 (954)	13-3/8 (340)	14-3/4 (375)	5-1/8 (130)
TPEADA18AA80A	25-5/16 (643)	37-9/16 (954)	13-3/8 (340)	14-3/4 (375)	5-1/8 (130)
TPEADA24AA80A	25-5/16 (643)	45-7/16 (1154)	12-13/16 (325)	20-11/16 (525)	5-1/8 (130)
TPEADA30AA80A	25-5/16 (643)	45-7/16 (1154)	12-13/16 (325)	20-11/16 (525)	5-1/8 (130)
TPEADA36AA80A	25-5/16 (643)	57-1/4 (1454)	13 (330)	26-9/16 (675)	5-1/8 (130)

# PART LOAD CAPACITY CHART

## TPEADA12AA80A/TRUYA0121KA70NA, TRUZA0121KA70NA

CAPACITY (Btu/h): 12,000 INPUT(kW): 0.92 SHF: 0.83

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																							
				20/68				25/77				30/86				35/95				40/104				46/115			
				CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
19	66	16	61	11,580	8,407	0.73	0.76	11,412	8,285	0.73	0.80	11,184	8,120	0.73	0.84	10,896	7,910	0.73	0.90	10,524	7,640	0.73	0.96	9,972	7,240	0.73	1.06
19	66	18	64	12,324	7,468	0.61	0.78	12,156	7,367	0.61	0.82	11,916	7,221	0.61	0.86	11,604	7,032	0.61	0.91	11,208	6,792	0.61	0.98	10,620	6,436	0.61	1.08
20	68	16	61	11,580	8,870	0.77	0.76	11,412	8,742	0.77	0.80	11,184	8,567	0.77	0.84	10,896	8,346	0.77	0.90	10,524	8,061	0.77	0.96	9,972	7,639	0.77	1.06
20	68	18	64	12,324	7,961	0.65	0.78	12,156	7,853	0.65	0.82	11,916	7,698	0.65	0.86	11,604	7,496	0.65	0.91	11,208	7,240	0.65	0.98	10,620	6,861	0.65	1.08
20	68	20	68	13,092	6,886	0.53	0.80	12,912	6,792	0.53	0.84	12,672	6,665	0.53	0.88	12,336	6,489	0.53	0.93	11,916	6,268	0.53	1.00	11,268	5,927	0.53	1.10
22	72	16	61	11,580	9,797	0.85	0.76	11,412	9,655	0.85	0.80	11,184	9,462	0.85	0.84	10,896	9,218	0.85	0.90	10,524	8,903	0.85	0.96	9,972	8,436	0.85	1.06
22	72	18	64	12,324	8,947	0.73	0.78	12,156	8,825	0.73	0.82	11,916	8,651	0.73	0.86	11,604	8,425	0.73	0.91	11,208	8,137	0.73	0.98	10,620	7,710	0.73	1.08
22	72	20	68	13,092	7,934	0.61	0.80	12,912	7,825	0.61	0.84	12,672	7,679	0.61	0.88	12,336	7,476	0.61	0.93	11,916	7,221	0.61	1.00	11,268	6,828	0.61	1.10
24	75	16	61	11,580	10,723	0.93	0.76	11,412	10,568	0.93	0.80	11,184	10,356	0.93	0.84	10,896	10,090	0.93	0.90	10,524	9,745	0.93	0.96	9,972	9,234	0.93	1.06
24	75	18	64	12,324	9,933	0.81	0.78	12,156	9,798	0.81	0.82	11,916	9,604	0.81	0.86	11,604	9,353	0.81	0.91	11,208	9,034	0.81	0.98	10,620	8,560	0.81	1.08
24	75	20	68	13,092	8,981	0.69	0.80	12,912	8,858	0.69	0.84	12,672	8,693	0.69	0.88	12,336	8,462	0.69	0.93	11,916	8,174	0.69	1.00	11,268	7,730	0.69	1.10
24	75	22	72	13,860	7,845	0.57	0.82	13,692	7,750	0.57	0.85	13,428	7,600	0.57	0.90	13,080	7,403	0.57	0.95	12,624	7,145	0.57	1.02	11,916	6,744	0.57	1.12
26	79	16	61	11,580	11,580	1.00	0.76	11,412	11,412	1.00	0.80	11,184	11,184	1.00	0.84	10,896	10,896	1.00	0.90	10,524	10,524	1.00	0.96	9,972	9,972	1.00	1.06
26	79	18	64	12,324	10,919	0.89	0.78	12,156	10,770	0.89	0.82	11,916	10,558	0.89	0.86	11,604	10,281	0.89	0.91	11,208	9,930	0.89	0.98	10,620	9,409	0.89	1.08
26	79	20	68	13,092	10,028	0.77	0.80	12,912	9,891	0.77	0.84	12,672	9,707	0.77	0.88	12,336	9,449	0.77	0.93	11,916	9,128	0.77	1.00	11,268	8,631	0.77	1.10
26	79	22	72	13,860	8,954	0.65	0.82	13,692	8,845	0.65	0.85	13,428	8,674	0.65	0.90	13,080	8,450	0.65	0.95	12,624	8,155	0.65	1.02	11,916	7,698	0.65	1.12
27	81	16	61	11,580	11,580	1.00	0.76	11,412	11,412	1.00	0.80	11,184	11,184	1.00	0.84	10,896	10,896	1.00	0.90	10,524	10,524	1.00	0.96	9,972	9,972	1.00	1.06
27	81	18	64	12,324	11,412	0.93	0.78	12,156	11,256	0.93	0.82	11,916	11,034	0.93	0.86	11,604	10,745	0.93	0.91	11,208	10,379	0.93	0.98	10,620	9,834	0.93	1.08
27	81	20	68	13,092	10,552	0.81	0.80	12,912	10,407	0.81	0.84	12,672	10,214	0.81	0.88	12,336	9,943	0.81	0.93	11,916	9,604	0.81	1.00	11,268	9,082	0.81	1.10
27	81	22	72	13,860	9,508	0.69	0.82	13,692	9,393	0.69	0.85	13,428	9,212	0.69	0.90	13,080	8,973	0.69	0.95	12,624	8,660	0.69	1.02	11,916	8,174	0.69	1.12
28	82	16	61	11,580	11,580	1.00	0.76	11,412	11,412	1.00	0.80	11,184	11,184	1.00	0.84	10,896	10,896	1.00	0.90	10,524	10,524	1.00	0.96	9,972	9,972	1.00	1.06
28	82	18	64	12,324	11,905	0.97	0.78	12,156	11,743	0.97	0.82	11,916	11,511	0.97	0.86	11,604	11,209	0.97	0.91	11,208	10,827	0.97	0.98	10,620	10,259	0.97	1.08
28	82	20	68	13,092	11,076	0.85	0.80	12,912	10,924	0.85	0.84	12,672	10,721	0.85	0.88	12,336	10,436	0.85	0.93	11,916	10,081	0.85	1.00	11,268	9,533	0.85	1.10
28	82	22	72	13,860	10,062	0.73	0.82	13,692	9,940	0.73	0.85	13,428	9,749	0.73	0.90	13,080	9,496	0.73	0.95	12,624	9,165	0.73	1.02	11,916	8,651	0.73	1.12
30	86	16	61	11,580	11,580	1.00	0.76	11,412	11,412	1.00	0.80	11,184	11,184	1.00	0.84	10,896	10,896	1.00	0.90	10,524	10,524	1.00	0.96	9,972	9,972	1.00	1.06
30	86	18	64	12,324	12,324	1.00	0.78	12,156	12,156	1.00	0.82	11,916	11,916	1.00	0.86	11,604	11,604	1.00	0.91	11,208	11,208	1.00	0.98	10,620	10,620	1.00	1.08
30	86	20	68	13,092	12,123	0.93	0.80	12,912	11,957	0.93	0.84	12,672	11,734	0.93	0.88	12,336	11,423	0.93	0.93	11,916	11,034	0.93	1.00	11,268	10,434	0.93	1.10
30	86	22	72	13,860	11,171	0.81	0.82	13,692	11,036	0.81	0.85	13,428	10,823	0.81	0.90	13,080	10,542	0.81	0.95	12,624	10,175	0.81	1.02	11,916	9,604	0.81	1.12
32	90	16	61	11,580	11,580	1.00	0.76	11,412	11,412	1.00	0.80	11,184	11,184	1.00	0.84	10,896	10,896	1.00	0.90	10,524	10,524	1.00	0.96	9,972	9,972	1.00	1.06
32	90	18	64	12,324	12,324	1.00	0.78	12,156	12,156	1.00	0.82	11,916	11,916	1.00	0.86	11,604	11,604	1.00	0.91	11,208	11,208	1.00	0.98	10,620	10,620	1.00	1.08
32	90	20	68	13,092	13,092	1.00	0.80	12,912	12,912	1.00	0.84	12,672	12,672	1.00	0.88	12,336	12,336	1.00	0.93	11,916	11,916	1.00	1.00	11,268	11,268	1.00	1.10
32	90	22	72	13,860	12,280	0.89	0.82	13,692	12,131	0.89	0.85	13,428	11,897	0.89	0.90	13,080	11,589	0.89	0.95	12,624	11,185	0.89	1.02	11,916	10,558	0.89	1.12

## TPEADA18AA80A/TRUYA0181KA70NA, TRUZA0181KA70NA

CAPACITY (Btu/h): 18,000 INPUT(kW): 1.66 SHF: 0.77

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																							
				20/68				25/77				30/86				35/95				40/104				46/115			
				CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
19	66	16	61	17,370	11,568	0.67	1.38	17,118	11,401	0.67	1.44	16,776	11,173	0.67	1.52	16,344	10,885	0.67	1.62	15,786	10,513	0.67	1.73	14,958	9,962	0.67	1.91
19	66	18	64	18,486	10,093	0.55	1.41	18,234	9,956	0.55	1.47	17,874	9,759	0.55	1.55	17,406	9,504	0.55	1.65	16,812	9,179	0.55	1.77	15,930	8,698	0.55	1.94
20	68	16	61	17,370	12,263	0.71	1.38	17,118	12,085	0.71	1.44	16,776	11,844	0.71	1.52	16,344	11,539	0.71	1.62	15,786	11,145	0.71	1.73	14,958	10,560	0.71	1.91
20	68	18	64	18,486	10,833	0.59	1.41	18,234	10,685	0.59	1.47	17,874	10,474	0.59	1.55	17,406	10,200	0.59	1.65	16,812	9,852	0.59	1.77	15,930	9,335	0.59	1.94
20	68	20	68	19,638	9,151	0.47	1.45	19,368	9,025	0.47	1.51	19,008	8,858	0.47	1.58	18,504	8,623	0.47	1.68	17,874	8,329	0.47	1.80	16,902	7,876	0.47	1.98
22	72	16	61	17,370	13,653	0.79	1.38	17,118	13,455	0.79	1.44	16,776	13,166	0.79	1.52	16,344	12,846	0.79	1.62	15,786	12,408	0.79	1.73	14,958	11,757	0.79	1.91
22	72	18	64	18,486	12,312	0.67	1.41	18,234	12,144	0.67	1.47	17,874	11,904	0.67	1.55	17,406	11,592	0.67	1.65	16,812	11,197	0.67	1.77	15,930	10,609	0.67	1.94
22	72	20	68	19,638	10,722	0.55	1.45	19,368	10,575	0.55	1.51	19,008	10,378	0.55	1.58	18,504	10,103	0.55	1.68	17,874	9,759	0.55	1.80	16,902	9,228	0.55	1.98
24	75	16	61	17,370	15,042	0.87	1.38	17,118	14,824	0.87	1.44	16,776	14,528	0.87	1.52	16,344	14,154	0.87	1.62	15,786	13,671	0.87	1.73	14,958	12,954	0.87	1.91
24	75	18	64	18,486	13,791	0.75	1.41	18,234	13,603	0.75																	

# TPEADA24AA80A/TRUYA0241HA70NA, TRUZA0241HA70NA

CAPACITY (Btu/h): 24,000 INPUT (kW): 2.05 SHF: 0.68

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																							
				20/68				25/77				30/86				35/95				40/104				46/115			
				CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
19	66	16	61	23,160	13,340	0.58	1.70	22,824	13,147	0.58	1.78	22,368	12,884	0.58	1.88	21,792	12,552	0.58	2.00	21,048	12,124	0.58	2.14	19,944	11,488	0.58	2.36
19	66	18	64	24,648	11,239	0.46	1.75	24,312	11,086	0.46	1.82	23,832	10,867	0.46	1.92	23,208	10,583	0.46	2.04	22,416	10,222	0.46	2.18	21,240	9,685	0.46	2.40
20	68	16	61	23,160	14,267	0.62	1.70	22,824	14,060	0.62	1.78	22,368	13,779	0.62	1.88	21,792	13,424	0.62	2.00	21,048	12,966	0.62	2.14	19,944	12,286	0.62	2.36
20	68	18	64	24,648	12,225	0.50	1.75	24,312	12,059	0.50	1.82	23,832	11,821	0.50	1.92	23,208	11,511	0.50	2.04	22,416	11,118	0.50	2.18	21,240	10,535	0.50	2.40
20	68	20	68	26,184	9,845	0.38	1.79	25,824	9,710	0.38	1.86	25,344	9,529	0.38	1.96	24,672	9,277	0.38	2.08	23,832	8,961	0.38	2.23	22,536	8,474	0.38	2.44
22	72	16	61	23,160	16,119	0.70	1.70	22,824	15,886	0.70	1.78	22,368	15,568	0.70	1.88	21,792	15,167	0.70	2.00	21,048	14,649	0.70	2.14	19,944	13,881	0.70	2.36
22	72	18	64	24,648	14,197	0.58	1.75	24,312	14,004	0.58	1.82	23,832	13,727	0.58	1.92	23,208	13,368	0.58	2.04	22,416	12,912	0.58	2.18	21,240	12,234	0.58	2.40
22	72	20	68	26,184	14,035	0.46	1.79	25,824	11,776	0.46	1.86	25,344	11,557	0.46	1.96	24,672	11,250	0.46	2.08	23,832	10,867	0.46	2.23	22,536	10,276	0.46	2.44
24	75	16	61	23,160	17,940	0.78	1.70	22,824	17,711	0.78	1.78	22,368	17,358	0.78	1.88	21,792	16,911	0.78	2.00	21,048	16,333	0.78	2.14	19,944	15,477	0.78	2.36
24	75	18	64	24,648	16,169	0.66	1.75	24,312	15,949	0.66	1.82	23,832	15,634	0.66	1.92	23,208	15,224	0.66	2.04	22,416	14,705	0.66	2.18	21,240	13,933	0.66	2.40
24	75	20	68	26,184	14,035	0.54	1.79	25,824	13,842	0.54	1.86	25,344	13,584	0.54	1.96	24,672	13,224	0.54	2.08	23,832	12,774	0.54	2.23	22,536	12,079	0.54	2.44
24	75	22	72	27,720	11,532	0.42	1.83	27,384	11,392	0.42	1.90	26,856	11,172	0.42	1.99	26,160	10,883	0.42	2.12	25,248	10,503	0.42	2.27	23,832	9,914	0.42	2.49
26	79	16	61	23,160	19,825	0.86	1.70	22,824	19,537	0.86	1.78	22,368	19,147	0.86	1.88	21,792	18,654	0.86	2.00	21,048	18,017	0.86	2.14	19,944	17,072	0.86	2.36
26	79	18	64	24,648	18,141	0.74	1.75	24,312	17,894	0.74	1.82	23,832	17,540	0.74	1.92	23,208	17,081	0.74	2.04	22,416	16,498	0.74	2.18	21,240	15,633	0.74	2.40
26	79	20	68	26,184	16,129	0.62	1.79	25,824	15,908	0.62	1.86	25,344	15,612	0.62	1.96	24,672	15,198	0.62	2.08	23,832	14,681	0.62	2.23	22,536	13,882	0.62	2.44
26	79	22	72	27,720	13,749	0.50	1.83	27,384	13,582	0.50	1.90	26,856	13,321	0.50	1.99	26,160	12,975	0.50	2.12	25,248	12,523	0.50	2.27	23,832	11,821	0.50	2.49
27	81	16	61	23,160	20,751	0.90	1.70	22,824	20,450	0.90	1.78	22,368	20,042	0.90	1.88	21,792	19,526	0.90	2.00	21,048	18,859	0.90	2.14	19,944	17,870	0.90	2.36
27	81	18	64	24,648	19,127	0.78	1.75	24,312	18,866	0.78	1.82	23,832	18,494	0.78	1.92	23,208	18,009	0.78	2.04	22,416	17,395	0.78	2.18	21,240	16,482	0.78	2.40
27	81	20	68	26,184	17,177	0.66	1.79	25,824	16,941	0.66	1.86	25,344	16,626	0.66	1.96	24,672	16,185	0.66	2.08	23,832	15,634	0.66	2.23	22,536	14,784	0.66	2.44
27	81	22	72	27,720	14,858	0.54	1.83	27,384	14,678	0.54	1.90	26,856	14,395	0.54	1.99	26,160	14,022	0.54	2.12	25,248	13,533	0.54	2.27	23,832	12,774	0.54	2.49
28	82	16	61	23,160	21,678	0.94	1.70	22,824	21,363	0.94	1.78	22,368	20,936	0.94	1.88	21,792	20,397	0.94	2.00	21,048	19,701	0.94	2.14	19,944	18,668	0.94	2.36
28	82	18	64	24,648	20,113	0.82	1.75	24,312	19,839	0.82	1.82	23,832	19,447	0.82	1.92	23,208	18,938	0.82	2.04	22,416	18,291	0.82	2.18	21,240	17,332	0.82	2.40
28	82	20	68	26,184	18,224	0.70	1.79	25,824	17,974	0.70	1.86	25,344	17,639	0.70	1.96	24,672	17,172	0.70	2.08	23,832	16,587	0.70	2.23	22,536	15,685	0.70	2.44
28	82	22	72	27,720	15,967	0.58	1.83	27,384	15,773	0.58	1.90	26,856	15,469	0.58	1.99	26,160	15,068	0.58	2.12	25,248	14,543	0.58	2.27	23,832	13,727	0.58	2.49
30	86	16	61	23,160	23,160	1.00	1.70	22,824	22,824	1.00	1.78	22,368	22,368	1.00	1.88	21,792	21,792	1.00	2.00	21,048	21,048	1.00	2.14	19,944	19,944	1.00	2.36
30	86	18	64	24,648	22,085	0.90	1.75	24,312	21,784	0.90	1.82	23,832	21,353	0.90	1.92	23,208	20,794	0.90	2.04	22,416	20,085	0.90	2.18	21,240	19,031	0.90	2.40
30	86	20	68	26,184	20,319	0.78	1.79	25,824	20,039	0.78	1.86	25,344	19,667	0.78	1.96	24,672	19,145	0.78	2.08	23,832	18,494	0.78	2.23	22,536	17,488	0.78	2.44
30	86	22	72	27,720	18,184	0.66	1.83	27,384	17,964	0.66	1.90	26,856	17,618	0.66	1.99	26,160	17,161	0.66	2.12	25,248	16,563	0.66	2.27	23,832	15,634	0.66	2.49
32	90	16	61	23,160	23,160	1.00	1.70	22,824	22,824	1.00	1.78	22,368	22,368	1.00	1.88	21,792	21,792	1.00	2.00	21,048	21,048	1.00	2.14	19,944	19,944	1.00	2.36
32	90	18	64	24,648	24,056	0.98	1.75	24,312	23,729	0.98	1.82	23,832	23,260	0.98	1.92	23,208	22,651	0.98	2.04	22,416	21,878	0.98	2.18	21,240	20,730	0.98	2.40
32	90	20	68	26,184	22,414	0.86	1.79	25,824	22,105	0.86	1.86	25,344	21,694	0.86	1.96	24,672	21,119	0.86	2.08	23,832	20,400	0.86	2.23	22,536	19,291	0.86	2.44
32	90	22	72	27,720	20,402	0.74	1.83	27,384	20,155	0.74	1.90	26,856	19,766	0.74	1.99	26,160	19,254	0.74	2.12	25,248	18,583	0.74	2.27	23,832	17,540	0.74	2.49

# TPEADA30AA80A/TRUYA0301HA70NA, TRUZA0301HA70NA

CAPACITY (Btu/h): 30,000 INPUT (kW): 3.00 SHF: 0.68

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																							
				20/68				25/77				30/86				35/95				40/104				46/115			
				CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
19	66	16	61	28,950	16,675	0.58	2.49	28,530	16,433	0.58	2.60	27,960	16,105	0.58	2.75	27,240	15,690	0.58	2.92	26,310	15,155	0.58	3.14	24,930	14,360	0.58	3.45
19	66	18	64	30,810	14,049	0.46	2.56	30,390	13,858	0.46	2.66	29,790	13,584	0.46	2.81	29,010	13,229	0.46	2.98	28,020	12,777	0.46	3.20	26,550	12,107	0.46	3.51
20	68	16	61	28,950	17,833	0.62	2.49	28,530	17,574	0.62	2.60	27,960	17,223	0.62	2.75	27,240	16,780	0.62	2.92	26,310	16,207	0.62	3.14	24,930	15,357	0.62	3.45
20	68	18	64	30,810	15,282	0.50	2.56	30,390	15,073	0.50	2.66	29,790	14,776	0.50	2.81	29,010	14,389	0.50	2.98	28,020	13,898	0.50	3.20	26,550	13,169	0.50	3.51
20	68	20	68	32,730	12,306	0.38	2.62	32,280	12,137	0.38	2.72	31,680	11,912	0.38	2.86	30,840	11,596	0.38	3.04	29,790	11,201	0.38	3.26	28,170	10,592	0.38	3.58
22	72	16	61	28,950	20,149	0.70	2.49	28,530	19,857	0.70	2.60	27,960	19,460	0.70	2.75	27,240	18,959	0.70	2.92	26,310	18,312	0.70	3.14	24,930	17,521	0.70	3.45
22	72	18	64	30,810	17,747	0.58	2.56	30,390	17,505	0.58	2.66	29,790	17,159	0.58	2.81	29,010	16,710	0.58	2.98	28,020	16,140	0.58	3.20	26,550	15,293	0.58	3.51
22	72	20	68	32,730	14,925	0.46	2.62	32,280	14,720	0.46	2.72	31,680	14,446	0.46	2.86	30,840	14,063	0.46	3.04	29,790	13,584	0.46	3.26	28,170	12,846	0.46	3.58
24	75	16	61	28,950	22,465	0.78	2.49	28,530	22,139	0.78	2.60	27,960	21,697	0.78	2.75	27,240	21,138	0.78	2.92	26,310	20,471	0.78	3.14	24,930	19,346	0.78	3.45
24	75	18	64	30,810	20,211	0.66																					

# TPEADA36AA80A/TRUYA0361KA70NA, TRUZA0361KA70NA

CAPACITY (Btu/h): 36,000 INPUT (kW): 3.00 SHF: 0.75

Indoor intake air D.B.(°C)	Indoor intake air D.B.(°F)	Indoor intake air W.B.(°C)	Indoor intake air W.B.(°F)	Outdoor intake air °C/°F D.B.																							
				20/68				25/77				30/86				35/95				40/104				46/115			
				CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.	CA	SHC	SHF	P.C.
19	66	16	61	34,740	22,442	0.65	2.49	34,236	22,116	0.65	2.80	33,552	21,675	0.65	2.75	32,688	21,116	0.65	2.92	31,572	20,396	0.65	3.14	29,916	19,326	0.65	3.45
19	66	18	64	36,972	19,447	0.53	2.56	36,468	19,182	0.53	2.66	35,748	18,803	0.53	2.81	34,812	18,311	0.53	2.98	33,624	17,686	0.53	3.20	31,860	16,758	0.53	3.51
20	68	16	61	34,740	23,832	0.69	2.49	34,236	23,486	0.69	2.60	33,552	23,017	0.69	2.75	32,688	22,424	0.69	2.92	31,572	21,658	0.69	3.14	29,916	20,522	0.69	3.45
20	68	18	64	36,972	20,926	0.57	2.56	36,468	20,641	0.57	2.86	35,748	20,233	0.57	2.81	34,812	19,704	0.57	2.98	33,624	19,031	0.57	3.20	31,860	18,033	0.57	3.51
20	68	20	68	39,276	17,517	0.45	2.62	38,736	17,276	0.45	2.72	38,016	16,955	0.45	2.86	37,008	16,506	0.45	3.04	35,748	15,944	0.45	3.26	33,804	15,077	0.45	3.58
22	72	16	61	34,740	26,611	0.77	2.49	34,236	26,225	0.77	2.60	33,552	25,701	0.77	2.75	32,688	25,039	0.77	2.92	31,572	24,184	0.77	3.14	29,916	22,916	0.77	3.45
22	72	18	64	36,972	23,884	0.65	2.56	36,468	23,558	0.65	2.86	35,748	23,093	0.65	2.81	34,812	22,489	0.65	2.98	33,624	21,721	0.65	3.20	31,860	20,582	0.65	3.51
22	72	20	68	39,276	20,659	0.53	2.62	38,736	20,375	0.53	2.72	38,016	19,996	0.53	2.86	37,008	19,466	0.53	3.04	35,748	18,803	0.53	3.26	33,804	17,781	0.53	3.58
24	75	16	61	34,740	29,390	0.85	2.49	34,236	28,964	0.85	2.60	33,552	28,385	0.85	2.75	32,688	27,654	0.85	2.92	31,572	26,710	0.85	3.14	29,916	25,309	0.85	3.45
24	75	18	64	36,972	26,842	0.73	2.56	36,468	26,476	0.73	2.86	35,748	25,953	0.73	2.81	34,812	25,274	0.73	2.98	33,624	24,411	0.73	3.20	31,860	23,130	0.73	3.51
24	75	20	68	39,276	23,801	0.61	2.62	38,736	23,474	0.61	2.72	38,016	23,038	0.61	2.86	37,008	22,427	0.61	3.04	35,748	21,663	0.61	3.26	33,804	20,485	0.61	3.58
24	75	22	72	41,580	20,208	0.49	2.68	41,076	19,963	0.49	2.78	40,284	19,578	0.49	2.92	39,240	19,071	0.49	3.10	37,872	18,406	0.49	3.32	35,748	17,374	0.49	3.65
26	79	16	61	34,740	32,169	0.93	2.49	34,236	31,703	0.93	2.60	33,552	31,069	0.93	2.75	32,688	30,269	0.93	2.92	31,572	29,236	0.93	3.14	29,916	27,702	0.93	3.45
26	79	18	64	36,972	29,799	0.81	2.56	36,468	29,393	0.81	2.66	35,748	28,813	0.81	2.81	34,812	28,058	0.81	2.98	33,624	27,101	0.81	3.20	31,860	25,679	0.81	3.51
26	79	20	68	39,276	26,943	0.69	2.62	38,736	26,573	0.69	2.72	38,016	26,079	0.69	2.86	37,008	25,387	0.69	3.04	35,748	24,523	0.69	3.26	33,804	23,190	0.69	3.58
26	79	22	72	41,580	23,534	0.57	2.68	41,076	23,249	0.57	2.78	40,284	22,801	0.57	2.92	39,240	22,210	0.57	3.10	37,872	21,436	0.57	3.32	35,748	20,233	0.57	3.65
27	81	16	61	34,740	33,559	0.97	2.49	34,236	33,072	0.97	2.60	33,552	32,411	0.97	2.75	32,688	31,577	0.97	2.92	31,572	30,499	0.97	3.14	29,916	28,899	0.97	3.45
27	81	18	64	36,972	31,278	0.85	2.56	36,468	30,852	0.85	2.66	35,748	30,243	0.85	2.81	34,812	29,451	0.85	2.98	33,624	28,446	0.85	3.20	31,860	26,954	0.85	3.51
27	81	20	68	39,276	28,514	0.73	2.62	38,736	28,122	0.73	2.72	38,016	27,600	0.73	2.86	37,008	26,868	0.73	3.04	35,748	25,953	0.73	3.26	33,804	24,542	0.73	3.58
27	81	22	72	41,580	25,197	0.61	2.68	41,076	24,892	0.61	2.78	40,284	24,412	0.61	2.92	39,240	23,779	0.61	3.10	37,872	22,950	0.61	3.32	35,748	21,663	0.61	3.65
28	82	16	61	34,740	34,740	1.00	2.49	34,236	34,236	1.00	2.60	33,552	33,552	1.00	2.75	32,688	32,688	1.00	2.92	31,572	31,572	1.00	3.14	29,916	29,916	1.00	3.45
28	82	18	64	36,972	32,757	0.89	2.56	36,468	32,311	0.89	2.66	35,748	31,673	0.89	2.81	34,812	30,843	0.89	2.98	33,624	29,791	0.89	3.20	31,860	28,228	0.89	3.51
28	82	20	68	39,276	30,085	0.77	2.62	38,736	29,672	0.77	2.72	38,016	29,120	0.77	2.86	37,008	28,348	0.77	3.04	35,748	27,383	0.77	3.26	33,804	25,894	0.77	3.58
28	82	22	72	41,580	26,861	0.65	2.68	41,076	26,535	0.65	2.78	40,284	26,023	0.65	2.92	39,240	25,349	0.65	3.10	37,872	24,465	0.65	3.32	35,748	23,093	0.65	3.65
30	86	16	61	34,740	34,740	1.00	2.49	34,236	34,236	1.00	2.60	33,552	33,552	1.00	2.75	32,688	32,688	1.00	2.92	31,572	31,572	1.00	3.14	29,916	29,916	1.00	3.45
30	86	18	64	36,972	35,715	0.97	2.56	36,468	35,228	0.97	2.66	35,748	34,533	0.97	2.81	34,812	33,628	0.97	2.98	33,624	32,481	0.97	3.20	31,860	30,777	0.97	3.51
30	86	20	68	39,276	33,227	0.85	2.62	38,736	32,771	0.85	2.72	38,016	32,162	0.85	2.86	37,008	31,309	0.85	3.04	35,748	30,243	0.85	3.26	33,804	28,598	0.85	3.58
30	86	22	72	41,580	30,187	0.73	2.68	41,076	29,821	0.73	2.78	40,284	29,246	0.73	2.92	39,240	28,488	0.73	3.10	37,872	27,495	0.73	3.32	35,748	25,953	0.73	3.65
32	90	16	61	34,740	34,740	1.00	2.49	34,236	34,236	1.00	2.60	33,552	33,552	1.00	2.75	32,688	32,688	1.00	2.92	31,572	31,572	1.00	3.14	29,916	29,916	1.00	3.45
32	90	18	64	36,972	36,972	1.00	2.56	36,468	36,468	1.00	2.66	35,748	35,748	1.00	2.81	34,812	34,812	1.00	2.98	33,624	33,624	1.00	3.20	31,860	31,860	1.00	3.51
32	90	20	68	39,276	36,370	0.93	2.62	38,736	35,870	0.93	2.72	38,016	35,203	0.93	2.86	37,008	34,269	0.93	3.04	35,748	33,103	0.93	3.26	33,804	31,303	0.93	3.58
32	90	22	72	41,580	33,513	0.81	2.68	41,076	33,107	0.81	2.78	40,284	32,469	0.81	2.92	39,240	31,627	0.81	3.10	37,872	30,525	0.81	3.32	35,748	28,813	0.81	3.65

**TPEADA24AA80A**  
**TRUZH0241HA10NA**  
**1) COOLING**

Rated  
 Q(Btu/h): 24,000  
 W: 2,080

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min			
115 46.1 Q(Btu/h)	24,192	24,192	18,144	12,096	-	10,080	22,320	22,320	16,740	11,160	-	9,300	20,952	20,952	15,714	10,476	-	8,730			
W	2,538	2,538	1,903	1,269	-	903	2,454	2,454	1,841	1,227	-	873	2,392	2,392	1,794	1,196	-	851			
110 43.3 Q(Btu/h)	25,416	25,416	19,062	12,708	-	10,590	23,544	23,544	17,658	11,772	-	9,810	22,176	22,176	16,632	11,088	-	9,240			
W	2,409	2,409	1,806	1,204	-	857	2,325	2,325	1,744	1,163	-	827	2,263	2,263	1,697	1,132	-	805			
105 40.6 Q(Btu/h)	25,944	25,944	19,458	12,972	-	10,810	24,072	24,072	18,054	12,036	-	10,030	22,704	22,704	17,028	11,352	-	9,460			
W	2,328	2,328	1,746	1,164	-	828	2,244	2,244	1,683	1,122	-	798	2,182	2,182	1,636	1,091	-	776			
100 37.8 Q(Btu/h)	26,640	26,640	19,980	13,320	-	11,100	24,768	24,768	18,576	12,384	-	10,320	23,400	23,400	17,550	11,700	-	9,750			
W	2,215	2,215	1,661	1,108	-	788	2,132	2,132	1,599	1,066	-	759	2,070	2,070	1,552	1,035	-	736			
95 35.0 Q(Btu/h)	27,216	27,216	20,412	13,608	-	11,340	25,344	25,344	19,008	12,672	-	10,560	23,976	23,976	17,982	11,988	-	9,990			
W	2,126	2,126	1,594	1,063	-	756	2,043	2,043	1,532	1,021	-	727	1,980	1,980	1,485	990	-	704			
90 32.2 Q(Btu/h)	27,600	27,600	20,700	13,800	-	11,500	25,728	25,728	19,296	12,864	-	10,720	24,360	24,360	18,270	12,180	-	10,150			
W	2,059	2,059	1,544	1,030	-	733	1,976	1,976	1,482	988	-	703	1,914	1,914	1,435	957	-	681			
85 29.4 Q(Btu/h)	27,888	27,888	20,916	13,944	-	11,620	26,016	26,016	19,512	13,008	-	10,840	24,648	24,648	18,486	12,324	-	10,270			
W	1,997	1,997	1,498	998	-	710	1,914	1,914	1,435	957	-	681	1,851	1,851	1,388	926	-	659			
80 26.7 Q(Btu/h)	28,320	28,320	21,240	14,160	-	11,800	26,448	26,448	19,836	13,224	-	11,020	25,080	25,080	18,810	12,540	-	10,450			
W	1,930	1,930	1,448	965	-	687	1,847	1,847	1,385	924	-	657	1,785	1,785	1,338	892	-	635			
75 23.9 Q(Btu/h)	28,632	28,632	21,474	14,316	-	11,930	26,760	26,760	20,070	13,380	-	11,150	25,392	25,392	19,044	12,696	-	10,580			
W	1,872	1,872	1,404	936	-	666	1,789	1,789	1,342	894	-	636	1,726	1,726	1,295	863	-	614			
70 21.1 Q(Btu/h)	28,800	28,800	21,600	14,400	-	12,000	26,928	26,928	20,196	13,464	-	11,220	25,560	25,560	19,170	12,780	-	10,650			
W	1,826	1,826	1,370	913	-	650	1,743	1,743	1,307	872	-	620	1,681	1,681	1,260	840	-	598			
67 19.4 Q(Btu/h)	28,992	28,992	21,744	14,496	-	12,080	27,120	27,120	20,340	13,560	-	11,300	25,752	25,752	19,314	12,876	-	10,730			
W	1,793	1,793	1,345	896	-	638	1,710	1,710	1,282	855	-	608	1,647	1,647	1,236	824	-	586			

**TPEADA24AA80A**  
**TRUZH0241HA10NA**  
**2) HEATING**

**Rated**  
**Q(Btu/h): 25,000**  
**W: 1,920**

Indoor D.B. Outdoor W.B. (°F) (°C)			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
65	18.3	Q(Btu/h)	35,736	31,908	23,931	15,954	-	12,763	36,772	32,833	24,624	16,416	-	13,133	37,948	33,883	25,412	16,941	-	13,553
		W	2,987	2,515	1,886	1,258	-	825	2,782	2,362	1,771	1,181	-	775	2,622	2,208	1,656	1,104	-	725
60	15.6	Q(Btu/h)	33,740	30,125	22,594	15,063	-	12,050	34,776	31,050	23,288	15,525	-	12,420	35,952	32,100	24,075	16,050	-	12,840
		W	2,873	2,419	1,814	1,210	-	794	2,668	2,266	1,699	1,133	-	743	2,508	2,112	1,584	1,056	-	693
55	12.8	Q(Btu/h)	31,500	28,125	21,094	14,063	-	11,250	32,536	29,050	21,788	14,525	-	11,620	33,712	30,100	22,575	15,050	-	12,040
		W	2,759	2,342	1,757	1,171	-	769	2,554	2,189	1,642	1,094	-	718	2,394	2,035	1,526	1,018	-	668
50	10.0	Q(Btu/h)	29,624	26,450	19,838	13,225	-	10,580	30,660	27,375	20,531	13,688	-	10,950	31,836	28,425	21,319	14,213	-	11,370
		W	2,645	2,237	1,678	1,118	-	734	2,440	2,083	1,562	1,042	-	684	2,280	1,930	1,447	965	-	633
45	7.2	Q(Btu/h)	24,625	24,500	18,375	12,250	-	9,800	25,625	25,425	19,069	12,713	-	10,170	26,625	26,475	19,856	13,238	-	10,590
		W	2,531	2,112	1,584	1,056	-	693	2,326	1,958	1,469	979	-	643	2,166	1,805	1,354	902	-	592
40	4.4	Q(Btu/h)	24,000	20,500	15,375	10,250	-	8,200	25,000	21,425	16,069	10,713	-	8,570	26,000	22,475	16,856	11,238	-	8,990
		W	2,462	1,939	1,454	970	-	636	2,257	1,824	1,368	912	-	599	2,098	1,690	1,267	845	-	554
35	1.7	Q(Btu/h)	24,000	17,750	13,313	8,875	-	7,100	25,000	19,750	14,813	9,875	-	7,900	26,000	21,000	15,750	10,500	-	8,400
		W	2,624	1,828	1,371	914	-	600	2,503	1,713	1,284	856	-	562	2,342	1,578	1,184	789	-	518
30	-1.1	Q(Btu/h)	24,000	17,000	12,750	8,500	-	6,800	25,000	17,900	13,425	8,950	-	7,160	26,000	18,650	13,988	9,325	-	7,460
		W	3,089	1,667	1,250	833	-	547	2,968	1,551	1,164	776	-	509	2,806	1,417	1,063	708	-	465
25	-3.9	Q(Btu/h)	24,000	16,250	12,188	8,125	-	6,500	25,000	17,150	12,863	8,575	-	6,860	26,000	17,900	13,425	8,950	-	7,160
		W	3,351	1,450	1,087	725	-	476	3,230	1,334	1,001	667	-	438	3,069	1,200	900	600	-	394
20	-6.7	Q(Btu/h)	24,000	15,500	11,625	7,750	-	6,200	25,000	16,400	12,300	8,200	-	6,560	26,000	17,150	12,863	8,575	-	6,860
		W	3,533	1,421	1,066	710	-	466	3,412	1,306	979	653	-	428	3,250	1,171	878	586	-	384
15	-9.4	Q(Btu/h)	24,000	15,125	11,344	7,563	-	6,050	25,000	16,025	12,019	8,013	-	6,410	26,000	16,775	12,581	8,388	-	6,710
		W	3,694	1,354	1,015	677	-	444	3,573	1,238	929	619	-	406	3,412	1,104	828	552	-	362
10	-12.2	Q(Btu/h)	24,000	14,550	10,913	7,275	-	5,820	25,000	15,450	11,588	7,725	-	6,180	26,000	16,200	12,150	8,100	-	6,480
		W	3,795	1,252	939	626	-	411	3,674	1,137	852	568	-	373	3,513	1,002	752	501	-	329
5	-15.0	Q(Btu/h)	24,000	14,238	10,678	7,119	-	5,695	25,000	15,138	11,353	7,569	-	6,055	26,000	15,888	11,916	7,944	-	6,355
		W	3,876	1,247	936	624	-	409	3,755	1,132	849	566	-	372	3,593	998	748	499	-	327
0	-17.8	Q(Btu/h)	22,625	14,000	10,500	7,000	-	5,600	23,625	14,900	11,175	7,450	-	5,960	24,625	15,650	11,738	7,825	-	6,260
		W	3,916	1,250	938	625	-	410	3,795	1,135	851	568	-	372	3,634	1,001	751	500	-	328
-4	-20.0	Q(Btu/h)	21,475	13,850	10,388	6,925	-	5,540	22,475	14,750	11,063	7,375	-	5,900	23,475	15,500	11,625	7,750	-	6,200
		W	3,937	1,238	928	619	-	406	3,815	1,123	842	561	-	368	3,654	988	741	494	-	324
-13	-25.0	Q(Btu/h)	19,000	13,719	10,289	6,860	-	5,488	20,000	14,619	10,964	7,310	-	5,848	21,000	15,369	11,527	7,685	-	6,148
		W	3,957	1,218	914	609	-	400	3,836	1,103	827	551	-	362	3,674	969	726	484	-	318

**TPEADA30AA80A**  
**TRUZH0301KA00NA**  
**1) COOLING**

Rated  
 Q(Btu/h): 30,000  
 W: 2,350

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115	46.1	Q(Btu/h)	30,240	30,240	22,680	15,120	-	14,717	27,900	27,900	20,925	13,950	-	13,578	26,190	26,190	19,643	13,095	-	12,746
		W	2,867	2,867	2,150	1,434	-	1,208	2,773	2,773	2,080	1,387	-	1,168	2,703	2,703	2,027	1,351	-	1,139
110	43.3	Q(Btu/h)	31,770	31,770	23,828	15,885	-	15,461	29,430	29,430	22,073	14,715	-	14,323	27,720	27,720	20,790	13,860	-	13,490
		W	2,721	2,721	2,041	1,361	-	1,146	2,627	2,627	1,970	1,314	-	1,107	2,557	2,557	1,918	1,278	-	1,077
105	40.6	Q(Btu/h)	32,430	32,430	24,323	16,215	-	15,783	30,090	30,090	22,568	15,045	-	14,644	28,380	28,380	21,285	14,190	-	13,812
		W	2,630	2,630	1,972	1,315	-	1,108	2,536	2,536	1,902	1,268	-	1,068	2,465	2,465	1,849	1,233	-	1,039
100	37.8	Q(Btu/h)	33,300	33,300	24,975	16,650	-	16,206	30,960	30,960	23,220	15,480	-	15,067	29,250	29,250	21,938	14,625	-	14,235
		W	2,503	2,503	1,877	1,251	-	1,054	2,409	2,409	1,807	1,204	-	1,015	2,338	2,338	1,754	1,169	-	985
95	35.0	Q(Btu/h)	34,020	34,020	25,515	17,010	-	16,556	31,680	31,680	23,760	15,840	-	15,418	29,970	29,970	22,478	14,985	-	14,585
		W	2,402	2,402	1,801	1,201	-	1,012	2,308	2,308	1,731	1,154	-	972	2,237	2,237	1,678	1,119	-	942
90	32.2	Q(Btu/h)	34,500	34,500	25,875	17,250	-	16,790	32,160	32,160	24,120	16,080	-	15,651	30,450	30,450	22,838	15,225	-	14,819
		W	2,327	2,327	1,745	1,163	-	980	2,233	2,233	1,674	1,116	-	941	2,162	2,162	1,622	1,081	-	911
85	29.4	Q(Btu/h)	34,860	34,860	26,145	17,430	-	16,965	32,520	32,520	24,390	16,260	-	15,826	30,810	30,810	23,108	15,405	-	14,994
		W	2,256	2,256	1,692	1,128	-	950	2,162	2,162	1,622	1,081	-	911	2,092	2,092	1,569	1,046	-	881
80	26.7	Q(Btu/h)	35,400	35,400	26,550	17,700	-	17,228	33,060	33,060	24,795	16,530	-	16,089	31,350	31,350	23,513	15,675	-	15,257
		W	2,181	2,181	1,636	1,090	-	919	2,087	2,087	1,565	1,043	-	879	2,016	2,016	1,512	1,008	-	849
75	23.9	Q(Btu/h)	35,790	35,790	26,843	17,895	-	17,418	33,450	33,450	25,088	16,725	-	16,279	31,740	31,740	23,805	15,870	-	15,447
		W	2,115	2,115	1,586	1,058	-	891	2,021	2,021	1,516	1,011	-	851	1,951	1,951	1,463	975	-	822
70	21.1	Q(Btu/h)	36,000	36,000	27,000	18,000	-	17,520	33,660	33,660	25,245	16,830	-	16,381	31,950	31,950	23,963	15,975	-	15,549
		W	2,063	2,063	1,547	1,032	-	869	1,969	1,969	1,477	985	-	830	1,899	1,899	1,424	949	-	800
67	19.4	Q(Btu/h)	36,240	36,240	27,180	18,120	-	17,637	33,900	33,900	25,425	16,950	-	16,498	32,190	32,190	24,143	16,095	-	15,666
		W	2,026	2,026	1,519	1,013	-	853	1,932	1,932	1,449	966	-	814	1,861	1,861	1,396	931	-	784

**TPEADA30AA80A**  
**TRUZH0301KA00NA**  
**2) HEATING**

**Rated**  
**Q(Btu/h): 32,000**  
**W: 2,740**

Indoor D.B. Outdoor W.B. (°F) (°C)	Q(Btu/h) W	77°F / 25.0°C						68°F / 20.0°C						59°F / 15.0°C						
		Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
65	18.3	Q(Btu/h)	43,394	40,842	30,631	20,421	-	18,889	44,652	42,026	31,519	21,013	-	19,437	46,080	43,370	32,527	21,685	-	20,058
		W	3,969	3,589	2,692	1,795	-	1,284	3,697	3,370	2,528	1,685	-	1,205	3,485	3,151	2,363	1,576	-	1,127
60	15.6	Q(Btu/h)	40,970	38,560	28,920	19,280	-	17,834	42,228	39,744	29,808	19,872	-	18,382	43,656	41,088	30,816	20,544	-	19,003
		W	3,818	3,452	2,589	1,726	-	1,235	3,545	3,233	2,425	1,617	-	1,156	3,333	3,014	2,261	1,507	-	1,078
55	12.8	Q(Btu/h)	38,250	36,000	27,000	18,000	-	16,650	39,508	37,184	27,888	18,592	-	17,198	40,936	38,528	28,896	19,264	-	17,819
		W	3,666	3,343	2,507	1,671	-	1,196	3,394	3,124	2,343	1,562	-	1,117	3,182	2,904	2,178	1,452	-	1,039
50	10.0	Q(Btu/h)	35,972	33,856	25,392	16,928	-	15,658	37,230	35,040	26,280	17,520	-	16,206	38,658	36,384	27,288	18,192	-	16,828
		W	3,515	3,192	2,394	1,596	-	1,142	3,242	2,973	2,230	1,486	-	1,063	3,030	2,754	2,065	1,377	-	985
45	7.2	Q(Btu/h)	31,520	31,360	23,520	15,680	-	14,504	32,800	32,544	24,408	16,272	-	15,052	34,080	33,888	25,416	16,944	-	15,673
		W	3,363	3,014	2,261	1,507	-	1,078	3,091	2,795	2,096	1,397	-	1,000	2,879	2,576	1,932	1,288	-	921
40	4.4	Q(Btu/h)	30,720	26,240	19,680	13,120	-	12,136	32,000	27,424	20,568	13,712	-	12,684	33,280	28,768	21,576	14,384	-	13,305
		W	3,272	2,767	2,076	1,384	-	990	3,000	2,603	1,952	1,302	-	931	2,788	2,411	1,808	1,206	-	862
35	1.7	Q(Btu/h)	30,720	22,720	17,040	11,360	-	10,508	32,000	25,280	18,960	12,640	-	11,692	33,280	26,880	20,160	13,440	-	12,432
		W	3,488	2,608	1,956	1,304	-	933	3,327	2,444	1,833	1,222	-	874	3,112	2,252	1,689	1,126	-	806
30	-1.1	Q(Btu/h)	30,720	21,760	16,320	10,880	-	10,064	32,000	22,912	17,184	11,456	-	10,597	33,280	23,872	17,904	11,936	-	11,041
		W	4,105	2,378	1,784	1,189	-	851	3,944	2,214	1,660	1,107	-	792	3,729	2,022	1,517	1,011	-	723
25	-3.9	Q(Btu/h)	30,720	20,800	15,600	10,400	-	9,620	32,000	21,952	16,464	10,976	-	10,153	33,280	22,912	17,184	11,456	-	10,597
		W	4,453	2,069	1,552	1,034	-	740	4,293	1,904	1,428	952	-	681	4,078	1,713	1,284	856	-	613
20	-6.7	Q(Btu/h)	30,720	19,840	14,880	9,920	-	9,176	32,000	20,992	15,744	10,496	-	9,709	33,280	21,952	16,464	10,976	-	10,153
		W	4,695	2,028	1,521	1,014	-	725	4,534	1,863	1,397	932	-	666	4,319	1,671	1,254	836	-	598
15	-9.4	Q(Btu/h)	30,720	19,360	14,520	9,680	-	8,954	32,000	20,512	15,384	10,256	-	9,487	33,280	21,472	16,104	10,736	-	9,931
		W	4,910	1,932	1,449	966	-	691	4,749	1,767	1,325	884	-	632	4,534	1,576	1,182	788	-	564
10	-12.2	Q(Btu/h)	30,720	18,624	13,968	9,312	-	8,614	32,000	19,776	14,832	9,888	-	9,146	33,280	20,736	15,552	10,368	-	9,590
		W	5,044	1,786	1,340	893	-	639	4,883	1,622	1,217	811	-	580	4,668	1,430	1,073	715	-	512
5	-15.0	Q(Btu/h)	30,720	18,224	13,668	9,112	-	8,429	32,000	19,376	14,532	9,688	-	8,961	33,280	20,336	15,252	10,168	-	9,405
		W	5,151	1,780	1,335	890	-	637	4,990	1,616	1,212	808	-	578	4,775	1,424	1,068	712	-	509
0	-17.8	Q(Btu/h)	28,960	17,920	13,440	8,960	-	8,288	30,240	19,072	14,304	9,536	-	8,821	31,520	20,032	15,024	10,016	-	9,265
		W	5,205	1,784	1,338	892	-	638	5,044	1,620	1,215	810	-	579	4,829	1,428	1,071	714	-	511
-4	-20.0	Q(Btu/h)	27,488	17,728	13,296	8,864	-	8,199	28,768	18,880	14,160	9,440	-	8,732	30,048	19,840	14,880	9,920	-	9,176
		W	5,231	1,766	1,325	883	-	632	5,071	1,602	1,202	801	-	573	4,856	1,410	1,058	705	-	504
-13	-25.0	Q(Btu/h)	24,320	17,561	13,171	8,780	-	8,122	25,600	18,713	14,035	9,356	-	8,655	26,880	19,673	14,755	9,836	-	9,099
		W	5,258	1,738	1,304	869	-	622	5,097	1,574	1,181	787	-	563	4,883	1,382	1,037	691	-	494



**TPEADA36AA80A**  
**TRUZH0361KA00NA**  
**1) COOLING**

**Rated**  
**Q(Btu/h): 36,000**  
**W: 2,850**

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115	46.1	Q(Btu/h)	36,288	36,288	27,216	18,144	-	15,725	33,480	33,480	25,110	16,740	-	14,508	31,428	31,428	23,571	15,714	-	13,619
		W	3,477	3,477	2,608	1,739	-	1,366	3,363	3,363	2,522	1,682	-	1,322	3,278	3,278	2,458	1,639	-	1,288
110	43.3	Q(Btu/h)	38,124	38,124	28,593	19,062	-	16,520	35,316	35,316	26,487	17,658	-	15,304	33,264	33,264	24,948	16,632	-	14,414
		W	3,300	3,300	2,475	1,650	-	1,297	3,186	3,186	2,390	1,593	-	1,252	3,101	3,101	2,326	1,550	-	1,219
105	40.6	Q(Btu/h)	38,916	38,916	29,187	19,458	-	16,864	36,108	36,108	27,081	18,054	-	15,647	34,056	34,056	25,542	17,028	-	14,758
		W	3,189	3,189	2,392	1,595	-	1,253	3,075	3,075	2,306	1,538	-	1,208	2,990	2,990	2,242	1,495	-	1,175
100	37.8	Q(Btu/h)	39,960	39,960	29,970	19,980	-	17,316	37,152	37,152	27,864	18,576	-	16,099	35,100	35,100	26,325	17,550	-	15,210
		W	3,035	3,035	2,276	1,518	-	1,193	2,921	2,921	2,191	1,461	-	1,148	2,836	2,836	2,127	1,418	-	1,114
95	35.0	Q(Btu/h)	40,824	40,824	30,618	20,412	-	17,690	38,016	38,016	28,512	19,008	-	16,474	35,964	35,964	26,973	17,982	-	15,584
		W	2,913	2,913	2,185	1,456	-	1,145	2,799	2,799	2,099	1,399	-	1,100	2,713	2,713	2,035	1,357	-	1,066
90	32.2	Q(Btu/h)	41,400	41,400	31,050	20,700	-	17,940	38,592	38,592	28,944	19,296	-	16,723	36,540	36,540	27,405	18,270	-	15,834
		W	2,822	2,822	2,116	1,411	-	1,109	2,708	2,708	2,031	1,354	-	1,064	2,622	2,622	1,967	1,311	-	1,030
85	29.4	Q(Btu/h)	41,832	41,832	31,374	20,916	-	18,127	39,024	39,024	29,268	19,512	-	16,910	36,972	36,972	27,729	18,486	-	16,021
		W	2,736	2,736	2,052	1,368	-	1,075	2,622	2,622	1,967	1,311	-	1,030	2,537	2,537	1,902	1,268	-	997
80	26.7	Q(Btu/h)	42,480	42,480	31,860	21,240	-	18,408	39,672	39,672	29,754	19,836	-	17,191	37,620	37,620	28,215	18,810	-	16,302
		W	2,645	2,645	1,984	1,322	-	1,039	2,531	2,531	1,898	1,265	-	995	2,445	2,445	1,834	1,223	-	961
75	23.9	Q(Btu/h)	42,948	42,948	32,211	21,474	-	18,611	40,140	40,140	30,105	20,070	-	17,394	38,088	38,088	28,566	19,044	-	16,505
		W	2,565	2,565	1,924	1,283	-	1,008	2,451	2,451	1,838	1,226	-	963	2,366	2,366	1,774	1,183	-	930
70	21.1	Q(Btu/h)	43,200	43,200	32,400	21,600	-	18,720	40,392	40,392	30,294	20,196	-	17,503	38,340	38,340	28,755	19,170	-	16,614
		W	2,502	2,502	1,877	1,251	-	983	2,388	2,388	1,791	1,194	-	939	2,303	2,303	1,727	1,151	-	905
67	19.4	Q(Btu/h)	43,488	43,488	32,616	21,744	-	18,845	40,680	40,680	30,510	20,340	-	17,628	38,628	38,628	28,971	19,314	-	16,739
		W	2,457	2,457	1,843	1,228	-	965	2,343	2,343	1,757	1,171	-	921	2,257	2,257	1,693	1,129	-	887

**TPEADA36AA80A**  
**TRUZH0361KA00NA**  
**2) HEATING**

Rated  
 Q(Btu/h): 38,000  
 W: 2,940

Indoor D.B. Outdoor W.B. (°F) (°C)			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
65	18.3	Q(Btu/h)	51,052	48,499	36,375	24,250	-	22,208	52,532	49,905	37,429	24,953	-	22,851	54,212	51,501	38,626	25,751	-	23,582
		W	4,271	3,851	2,889	1,926	-	1,376	3,977	3,616	2,712	1,808	-	1,292	3,749	3,381	2,536	1,691	-	1,208
60	15.6	Q(Btu/h)	48,200	45,790	34,343	22,895	-	20,967	49,680	47,196	35,397	23,598	-	21,611	51,360	48,792	36,594	24,396	-	22,342
		W	4,108	3,704	2,778	1,852	-	1,323	3,814	3,469	2,602	1,735	-	1,239	3,586	3,234	2,426	1,617	-	1,155
55	12.8	Q(Btu/h)	45,000	42,750	32,063	21,375	-	19,575	46,480	44,156	33,117	22,078	-	20,219	48,160	45,752	34,314	22,876	-	20,950
		W	3,945	3,587	2,690	1,793	-	1,281	3,651	3,352	2,514	1,676	-	1,197	3,423	3,116	2,337	1,558	-	1,113
50	10.0	Q(Btu/h)	42,320	40,204	30,153	20,102	-	18,409	43,800	41,610	31,208	20,805	-	19,053	45,480	43,206	32,405	21,603	-	19,784
		W	3,782	3,425	2,569	1,713	-	1,223	3,488	3,190	2,392	1,595	-	1,139	3,260	2,955	2,216	1,477	-	1,055
45	7.2	Q(Btu/h)	37,430	37,240	27,930	18,620	-	17,052	38,950	38,646	28,985	19,323	-	17,696	40,470	40,242	30,182	20,121	-	18,427
		W	3,619	3,234	2,426	1,617	-	1,155	3,325	2,999	2,249	1,499	-	1,071	3,097	2,764	2,073	1,382	-	987
40	4.4	Q(Btu/h)	36,480	31,160	23,370	15,580	-	14,268	38,000	32,566	24,425	16,283	-	14,912	39,520	34,162	25,622	17,081	-	15,643
		W	3,521	2,969	2,227	1,485	-	1,061	3,227	2,793	2,095	1,397	-	998	2,999	2,587	1,940	1,294	-	924
35	1.7	Q(Btu/h)	36,480	26,980	20,235	13,490	-	12,354	38,000	30,020	22,515	15,010	-	13,746	39,520	31,920	23,940	15,960	-	14,616
		W	3,973	2,799	2,099	1,399	-	1,000	3,790	2,622	1,967	1,311	-	937	3,545	2,417	1,813	1,208	-	863
30	-1.1	Q(Btu/h)	36,480	25,840	19,380	12,920	-	11,832	38,000	27,208	20,406	13,604	-	12,458	39,520	28,348	21,261	14,174	-	12,980
		W	4,676	2,552	1,914	1,276	-	911	4,493	2,376	1,782	1,188	-	848	4,248	2,170	1,627	1,085	-	775
25	-3.9	Q(Btu/h)	36,480	24,700	18,525	12,350	-	11,310	38,000	26,068	19,551	13,034	-	11,936	39,520	27,208	20,406	13,604	-	12,458
		W	5,073	2,220	1,665	1,110	-	793	4,890	2,043	1,532	1,022	-	730	4,646	1,838	1,378	919	-	656
20	-6.7	Q(Btu/h)	36,480	23,560	17,670	11,780	-	10,788	38,000	24,928	18,696	12,464	-	11,414	39,520	26,068	19,551	13,034	-	11,936
		W	5,348	2,176	1,632	1,088	-	777	5,165	1,999	1,499	1,000	-	714	4,921	1,793	1,345	897	-	641
15	-9.4	Q(Btu/h)	36,480	22,990	17,243	11,495	-	10,527	38,000	24,358	18,269	12,179	-	11,153	39,520	25,498	19,124	12,749	-	11,675
		W	5,593	2,073	1,555	1,036	-	740	5,410	1,896	1,422	948	-	677	5,165	1,691	1,268	845	-	604
10	-12.2	Q(Btu/h)	36,480	22,116	16,587	11,058	-	10,127	38,000	23,484	17,613	11,742	-	10,753	39,520	24,624	18,468	12,312	-	11,275
		W	5,746	1,917	1,438	958	-	685	5,562	1,740	1,305	870	-	622	5,318	1,535	1,151	767	-	548
5	-15.0	Q(Btu/h)	36,480	21,641	16,231	10,821	-	9,909	38,000	23,009	17,257	11,505	-	10,536	39,520	24,149	18,112	12,075	-	11,058
		W	5,868	1,910	1,433	955	-	682	5,685	1,734	1,300	867	-	619	5,440	1,528	1,146	764	-	546
0	-17.8	Q(Btu/h)	34,390	21,280	15,960	10,640	-	9,744	35,910	22,648	16,986	11,324	-	10,370	37,430	23,788	17,841	11,894	-	10,892
		W	5,929	1,915	1,436	957	-	684	5,746	1,738	1,304	869	-	621	5,501	1,532	1,149	766	-	547
-4	-20.0	Q(Btu/h)	32,642	21,052	15,789	10,526	-	9,640	34,162	22,420	16,815	11,210	-	10,266	35,682	23,560	17,670	11,780	-	10,788
		W	5,960	1,895	1,422	948	-	677	5,776	1,719	1,289	859	-	614	5,532	1,513	1,135	757	-	540
-13	-25.0	Q(Btu/h)	28,880	20,853	15,640	10,427	-	9,549	30,400	22,221	16,666	11,111	-	10,175	31,920	23,361	17,521	11,681	-	10,697
		W	5,990	1,865	1,399	933	-	666	5,807	1,689	1,267	844	-	603	5,562	1,483	1,112	742	-	530

**TPEADA09AA80A**  
**NTXSKS09A112AA**

**Rated**  
 Q(Btu/h): 9,000  
 W: 720

**1) COOLING**

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
115	46.1	Q(Btu/h)	8,216	8,216	6,162	4,108	-	3,925	7,693	7,693	5,770	3,846	-	3,676	7,021	7,021	5,266	3,510	-	3,354
		W	809	809	607	404	-	270	789	789	592	395	-	263	756	756	567	378	-	252
110	43.3	Q(Btu/h)	8,589	8,589	6,442	4,295	-	4,104	7,992	7,992	5,994	3,996	-	3,818	7,320	7,320	5,490	3,660	-	3,497
		W	796	796	597	398	-	265	776	776	582	388	-	259	740	740	555	370	-	247
105	40.6	Q(Btu/h)	8,963	8,963	6,722	4,481	-	4,282	8,290	8,290	6,218	4,145	-	3,961	7,693	7,693	5,770	3,846	-	3,676
		W	786	786	589	393	-	262	756	756	567	378	-	252	723	723	542	362	-	241
100	37.8	Q(Btu/h)	9,261	9,261	6,946	4,631	-	4,425	8,664	8,664	6,498	4,332	-	4,139	7,992	7,992	5,994	3,996	-	3,818
		W	763	763	572	381	-	254	740	740	555	370	-	247	707	707	530	353	-	236
95	35.0	Q(Btu/h)	9,635	9,635	7,226	4,817	-	4,603	9,000	9,000	6,750	4,500	-	4,300	8,365	8,365	6,274	4,183	-	3,997
		W	750	750	562	375	-	250	720	720	540	360	-	240	690	690	518	345	-	230
90	32.2	Q(Btu/h)	9,934	9,934	7,450	4,967	-	4,746	9,336	9,336	7,002	4,668	-	4,461	8,664	8,664	6,498	4,332	-	4,139
		W	723	723	542	362	-	241	690	690	518	345	-	230	664	664	498	332	-	221
85	29.4	Q(Btu/h)	10,307	10,307	7,730	5,154	-	4,924	9,710	9,710	7,282	4,855	-	4,639	9,037	9,037	6,778	4,519	-	4,318
		W	697	697	523	348	-	232	664	664	498	332	-	221	641	641	481	321	-	214
80	26.7	Q(Btu/h)	10,606	10,606	7,954	5,303	-	5,067	10,008	10,008	7,506	5,004	-	4,782	9,411	9,411	7,058	4,705	-	4,496
		W	671	671	503	335	-	224	635	635	476	317	-	212	615	615	461	307	-	205
75	23.9	Q(Btu/h)	10,979	10,979	8,234	5,490	-	5,246	10,307	10,307	7,730	5,154	-	4,924	9,747	9,747	7,310	4,873	-	4,657
		W	641	641	481	321	-	214	605	605	454	302	-	202	591	591	443	296	-	197
70	21.1	Q(Btu/h)	11,241	11,241	8,430	5,620	-	5,371	10,531	10,531	7,898	5,266	-	5,032	10,083	10,083	7,562	5,041	-	4,817
		W	608	608	456	304	-	203	579	579	434	289	-	193	556	556	417	278	-	185
67	19.4	Q(Btu/h)	11,353	11,353	8,515	5,676	-	5,424	10,755	10,755	8,066	5,378	-	5,139	10,307	10,307	7,730	5,154	-	4,924
		W	579	579	434	289	-	193	556	556	417	278	-	185	526	526	395	263	-	175

\* It may not reach the above capacities in low ambient temperatures.

**TPEADA09AA80A**  
**NTXSKS09A112AA**  
**2) HEATING**

**Rated**  
**Q(Btu/h): 12,000**  
**W: 900**

Indoor D.B.			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
65	18.3	Q(Btu/h)	16,361	15,102	11,327	7,551	-	4,984	17,053	15,741	11,806	7,871	-	5,195	17,633	15,840	11,880	7,920	-	5,227
		W	1,221	1,037	777	518	-	253	1,183	1,005	753	502	-	246	1,150	941	705	470	-	230
60	15.6	Q(Btu/h)	15,518	14,324	10,743	7,162	-	4,727	16,178	14,934	11,200	7,467	-	4,928	16,697	15,300	11,475	7,650	-	5,049
		W	1,207	1,025	768	512	-	250	1,166	990	743	495	-	242	1,136	932	699	466	-	228
55	12.8	Q(Btu/h)	14,649	13,522	10,142	6,761	-	4,462	15,288	14,112	10,584	7,056	-	4,657	15,763	14,760	11,070	7,380	-	4,871
		W	1,187	1,007	756	504	-	246	1,144	971	728	485	-	237	1,113	923	692	461	-	226
50	10.0	Q(Btu/h)	13,759	12,701	9,525	6,350	-	4,191	14,386	13,279	9,959	6,639	-	4,382	14,831	14,160	10,620	7,080	-	4,673
		W	1,160	985	739	493	-	241	1,115	947	710	473	-	231	1,083	914	685	457	-	223
45	7.2	Q(Btu/h)	12,849	11,861	8,896	5,930	-	3,914	13,473	12,436	9,327	6,218	-	4,104	13,901	13,560	10,170	6,780	-	4,475
		W	1,128	958	719	479	-	234	1,081	918	689	459	-	224	1,045	900	675	450	-	220
40	4.4	Q(Btu/h)	11,923	11,006	8,255	5,503	-	3,632	12,552	11,587	8,690	5,793	-	3,824	12,973	13,200	9,900	6,600	-	4,356
		W	1,090	926	694	463	-	226	1,042	885	663	442	-	216	1,001	891	668	446	-	218
35	1.7	Q(Btu/h)	10,984	10,139	7,604	5,070	-	3,346	11,627	10,732	8,049	5,366	-	3,542	12,048	12,480	9,360	6,240	-	4,118
		W	1,046	889	666	444	-	217	997	846	635	423	-	207	950	873	655	437	-	213
30	-1.1	Q(Btu/h)	10,035	9,263	6,947	4,631	-	3,057	10,699	9,876	7,407	4,938	-	3,259	11,126	11,460	8,595	5,730	-	3,782
		W	997	846	635	423	-	207	946	803	602	402	-	196	895	833	624	416	-	204
25	-3.9	Q(Btu/h)	9,078	8,379	6,284	4,190	-	2,765	9,771	9,019	6,765	4,510	-	2,976	10,208	10,980	8,235	5,490	-	3,623
		W	941	799	599	399	-	195	890	755	567	378	-	185	834	810	608	405	-	198
20	-6.7	Q(Btu/h)	8,116	7,492	5,619	3,746	-	2,472	8,846	8,166	6,124	4,083	-	2,695	9,293	10,200	7,650	5,100	-	3,366
		W	879	746	560	373	-	182	828	703	527	351	-	172	770	761	570	380	-	186
15	-9.4	Q(Btu/h)	7,153	6,603	4,952	3,301	-	2,179	7,926	7,317	5,487	3,658	-	2,414	8,382	9,360	7,020	4,680	-	3,089
		W	811	689	517	344	-	168	760	645	484	323	-	158	702	711	533	356	-	174
10	-12.2	Q(Btu/h)	6,191	5,715	4,286	2,857	-	1,886	7,015	6,475	4,856	3,237	-	2,137	7,475	8,520	6,390	4,260	-	2,812
		W	737	626	470	313	-	153	687	583	437	292	-	143	631	648	486	324	-	158
5	-15.0	Q(Btu/h)	5,234	4,831	3,623	2,416	-	1,594	6,113	5,643	4,232	2,821	-	1,862	6,573	7,500	5,625	3,750	-	2,475
		W	658	559	419	279	-	137	608	516	387	258	-	126	558	576	432	288	-	141
0	-17.8	Q(Btu/h)	4,284	3,954	2,966	1,977	-	1,305	5,225	4,823	3,617	2,412	-	1,592	5,675	6,000	4,500	3,000	-	1,980
		W	572	486	364	243	-	119	524	445	333	222	-	109	483	477	358	239	-	117
-4	-20.0	Q(Btu/h)	3,531	3,259	2,444	1,630	-	1,075	4,526	4,177	3,133	2,089	-	1,379	4,961	6,000	4,500	3,000	-	1,980
		W	499	424	318	212	-	104	452	384	288	192	-	94	423	477	358	239	-	117

\* Above data is for heating operation without any frost.

**TPEADA12AA80A**  
**NTXSKS12A112AA**  
**1) COOLING**

**Rated**  
 Q(Btu/h): 12,000  
 W: 930

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C					67°F / 19.4°C					63°F / 17.2°C							
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115	46.1	Q(Btu/h)	10,954	10,954	8,216	5,477	-	4,017	10,257	10,257	7,693	5,129	-	3,761	9,361	9,361	7,021	4,680	-	3,432
		W	1,045	1,045	783	522	-	292	1,019	1,019	764	510	-	285	977	977	733	488	-	273
110	43.3	Q(Btu/h)	11,452	11,452	8,589	5,726	-	4,199	10,656	10,656	7,992	5,328	-	3,907	9,759	9,759	7,320	4,880	-	3,578
		W	1,028	1,028	771	514	-	287	1,002	1,002	752	501	-	280	955	955	717	478	-	267
105	40.6	Q(Btu/h)	11,950	11,950	8,963	5,975	-	4,382	11,054	11,054	8,290	5,527	-	4,053	10,257	10,257	7,693	5,129	-	3,761
		W	1,015	1,015	761	507	-	284	977	977	733	488	-	273	934	934	701	467	-	261
100	37.8	Q(Btu/h)	12,349	12,349	9,261	6,174	-	4,528	11,552	11,552	8,664	5,776	-	4,236	10,656	10,656	7,992	5,328	-	3,907
		W	985	985	739	493	-	275	955	955	717	478	-	267	913	913	685	457	-	255
95	35.0	Q(Btu/h)	12,846	12,846	9,635	6,423	-	4,710	12,000	12,000	9,000	6,000	-	4,400	11,154	11,154	8,365	5,577	-	4,090
		W	968	968	726	484	-	271	930	930	698	465	-	260	892	892	669	446	-	249
90	32.2	Q(Btu/h)	13,245	13,245	9,934	6,622	-	4,856	12,448	12,448	9,336	6,224	-	4,564	11,552	11,552	8,664	5,776	-	4,236
		W	934	934	701	467	-	261	892	892	669	446	-	249	858	858	643	429	-	240
85	29.4	Q(Btu/h)	13,743	13,743	10,307	6,871	-	5,039	12,946	12,946	9,710	6,473	-	4,747	12,050	12,050	9,037	6,025	-	4,418
		W	900	900	675	450	-	252	858	858	643	429	-	240	828	828	621	414	-	232
80	26.7	Q(Btu/h)	14,141	14,141	10,606	7,071	-	5,185	13,344	13,344	10,008	6,672	-	4,893	12,548	12,548	9,411	6,274	-	4,601
		W	866	866	650	433	-	242	820	820	615	410	-	229	794	794	596	397	-	222
75	23.9	Q(Btu/h)	14,639	14,639	10,979	7,320	-	5,368	13,743	13,743	10,307	6,871	-	5,039	12,996	12,996	9,747	6,498	-	4,765
		W	828	828	621	414	-	232	781	781	586	391	-	218	764	764	573	382	-	213
70	21.1	Q(Btu/h)	14,988	14,988	11,241	7,494	-	5,495	14,041	14,041	10,531	7,021	-	5,149	13,444	13,444	10,083	6,722	-	4,929
		W	786	786	589	393	-	220	747	747	561	374	-	209	718	718	538	359	-	201
67	19.4	Q(Btu/h)	15,137	15,137	11,353	7,568	-	5,550	14,340	14,340	10,755	7,170	-	5,258	13,743	13,743	10,307	6,871	-	5,039
		W	747	747	561	374	-	209	718	718	538	359	-	201	679	679	510	340	-	190

\* It may not reach the above capacities in low ambient temperatures.

**TPEADA12AA80A**  
**NTXSKS12A112AA**

**Rated**  
 Q(Btu/h): 15,000  
 W: 1,160

**2) HEATING**

Indoor D.B.		77°F / 25.0°C						68°F / 20.0°C						59°F / 15.0°C						
Outdoor W.B.		Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
(°F)	(°C)																			
65	18.3	Q(Btu/h)	21,395	18,878	14,158	9,439	-	6,041	22,300	19,676	14,757	9,838	-	6,296	23,059	19,800	14,850	9,900	-	6,336
		W	1,612	1,336	1,002	668	-	288	1,563	1,295	971	647	-	279	1,519	1,212	909	606	-	261
60	15.6	Q(Btu/h)	20,292	17,905	13,429	8,952	-	5,730	21,156	18,667	14,000	9,334	-	5,973	21,835	19,125	14,344	9,563	-	6,120
		W	1,594	1,321	990	660	-	285	1,540	1,276	957	638	-	275	1,500	1,201	900	600	-	259
55	12.8	Q(Btu/h)	19,157	16,903	12,677	8,452	-	5,409	19,992	17,640	13,230	8,820	-	5,645	20,613	18,450	13,838	9,225	-	5,904
		W	1,567	1,298	974	649	-	280	1,510	1,251	939	626	-	270	1,470	1,189	892	595	-	256
50	10.0	Q(Btu/h)	17,993	15,876	11,907	7,938	-	5,080	18,812	16,599	12,449	8,299	-	5,312	19,394	17,700	13,275	8,850	-	5,664
		W	1,533	1,270	952	635	-	274	1,473	1,220	915	610	-	263	1,430	1,177	883	589	-	254
45	7.2	Q(Btu/h)	16,803	14,826	11,120	7,413	-	4,744	17,618	15,545	11,659	7,773	-	4,975	18,178	16,950	12,713	8,475	-	5,424
		W	1,490	1,235	926	617	-	266	1,428	1,183	888	592	-	255	1,380	1,160	870	580	-	250
40	4.4	Q(Btu/h)	15,592	13,758	10,318	6,879	-	4,403	16,414	14,483	10,862	7,242	-	4,635	16,964	16,500	12,375	8,250	-	5,280
		W	1,440	1,193	895	597	-	257	1,376	1,140	855	570	-	246	1,322	1,148	861	574	-	248
35	1.7	Q(Btu/h)	14,364	12,674	9,506	6,337	-	4,056	15,204	13,415	10,062	6,708	-	4,293	15,755	15,600	11,700	7,800	-	4,992
		W	1,382	1,145	859	573	-	247	1,316	1,091	818	545	-	235	1,255	1,125	844	563	-	243
30	-1.1	Q(Btu/h)	13,122	11,578	8,684	5,789	-	3,705	13,991	12,345	9,259	6,172	-	3,950	14,549	14,325	10,744	7,163	-	4,584
		W	1,316	1,091	818	545	-	235	1,249	1,035	776	518	-	223	1,182	1,073	805	537	-	231
25	-3.9	Q(Btu/h)	11,871	10,474	7,856	5,237	-	3,352	12,778	11,274	8,456	5,637	-	3,608	13,348	13,725	10,294	6,863	-	4,392
		W	1,242	1,029	772	515	-	222	1,175	974	730	487	-	210	1,102	1,044	783	522	-	225
20	-6.7	Q(Btu/h)	10,613	9,365	7,023	4,682	-	2,997	11,568	10,207	7,655	5,103	-	3,266	12,152	12,750	9,563	6,375	-	4,080
		W	1,161	962	721	481	-	207	1,093	906	679	453	-	195	1,016	980	735	490	-	211
15	-9.4	Q(Btu/h)	9,354	8,253	6,190	4,127	-	2,641	10,365	9,146	6,859	4,573	-	2,927	10,961	11,700	8,775	5,850	-	3,744
		W	1,071	888	666	444	-	191	1,004	832	624	416	-	179	927	916	687	458	-	198
10	-12.2	Q(Btu/h)	8,096	7,144	5,358	3,572	-	2,286	9,173	8,094	6,070	4,047	-	2,590	9,775	10,650	7,988	5,325	-	3,408
		W	974	807	605	404	-	174	907	752	564	376	-	162	833	835	626	418	-	180
5	-15.0	Q(Btu/h)	6,844	6,039	4,529	3,019	-	1,932	7,994	7,054	5,290	3,527	-	2,257	8,595	9,375	7,031	4,688	-	3,000
		W	869	720	540	360	-	155	803	665	499	333	-	143	737	742	557	371	-	160
0	-17.8	Q(Btu/h)	5,602	4,943	3,707	2,471	-	1,582	6,833	6,029	4,522	3,014	-	1,929	7,421	7,500	5,625	3,750	-	2,400
		W	756	626	470	313	-	135	692	573	430	286	-	123	638	615	461	307	-	133
-4	-20.0	Q(Btu/h)	4,617	4,074	3,055	2,037	-	1,304	5,918	5,222	3,916	2,611	-	1,671	6,487	7,500	5,625	3,750	-	2,400
		W	660	547	410	273	-	118	597	495	371	247	-	107	559	615	461	307	-	133

\* Above data is for heating operation without any frost.

**TPEADA15AA80A**  
**NTXSKS15A112AA**

Rated  
 Q(Btu/h): 15,000  
 W: 1,150

**1) COOLING**

Indoor W.B.			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
Outdoor D.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
115	46.1	Q(Btu/h)	13,693	13,693	10,270	6,846	-	5,021	12,822	12,822	9,616	6,411	-	4,701	11,701	11,701	8,776	5,851	-	4,290
		W	1,292	1,292	969	646	-	359	1,260	1,260	945	630	-	351	1,208	1,208	906	604	-	336
110	43.3	Q(Btu/h)	14,315	14,315	10,737	7,158	-	5,249	13,320	13,320	9,990	6,660	-	4,884	12,199	12,199	9,149	6,100	-	4,473
		W	1,271	1,271	953	635	-	354	1,239	1,239	929	620	-	345	1,182	1,182	886	591	-	329
105	40.6	Q(Btu/h)	14,938	14,938	11,203	7,469	-	5,477	13,817	13,817	10,363	6,909	-	5,066	12,822	12,822	9,616	6,411	-	4,701
		W	1,255	1,255	941	628	-	349	1,208	1,208	906	604	-	336	1,155	1,155	866	578	-	321
100	37.8	Q(Btu/h)	15,436	15,436	11,577	7,718	-	5,660	14,440	14,440	10,830	7,220	-	5,295	13,320	13,320	9,990	6,660	-	4,884
		W	1,218	1,218	914	609	-	339	1,182	1,182	886	591	-	329	1,129	1,129	847	564	-	314
95	35.0	Q(Btu/h)	16,058	16,058	12,044	8,029	-	5,888	15,000	15,000	11,250	7,500	-	5,500	13,942	13,942	10,456	6,971	-	5,112
		W	1,197	1,197	898	599	-	333	1,150	1,150	863	575	-	320	1,103	1,103	827	551	-	307
90	32.2	Q(Btu/h)	16,556	16,556	12,417	8,278	-	6,071	15,560	15,560	11,670	7,780	-	5,705	14,440	14,440	10,830	7,220	-	5,295
		W	1,155	1,155	866	578	-	321	1,103	1,103	827	551	-	307	1,061	1,061	796	530	-	295
85	29.4	Q(Btu/h)	17,178	17,178	12,884	8,589	-	6,299	16,183	16,183	12,137	8,091	-	5,934	15,062	15,062	11,297	7,531	-	5,523
		W	1,113	1,113	835	557	-	310	1,061	1,061	796	530	-	295	1,024	1,024	768	512	-	285
80	26.7	Q(Btu/h)	17,676	17,676	13,257	8,838	-	6,481	16,680	16,680	12,510	8,340	-	6,116	15,685	15,685	11,763	7,842	-	5,751
		W	1,071	1,071	803	536	-	298	1,013	1,013	760	507	-	282	982	982	736	491	-	273
75	23.9	Q(Btu/h)	18,299	18,299	13,724	9,149	-	6,710	17,178	17,178	12,884	8,589	-	6,299	16,245	16,245	12,184	8,122	-	5,956
		W	1,024	1,024	768	512	-	285	966	966	725	483	-	269	944	944	708	472	-	263
70	21.1	Q(Btu/h)	18,734	18,734	14,051	9,367	-	6,869	17,552	17,552	13,164	8,776	-	6,436	16,805	16,805	12,604	8,402	-	6,162
		W	971	971	729	486	-	270	924	924	693	462	-	257	887	887	666	444	-	247
67	19.4	Q(Btu/h)	18,921	18,921	14,191	9,461	-	6,938	17,925	17,925	13,444	8,963	-	6,573	17,178	17,178	12,884	8,589	-	6,299
		W	924	924	693	462	-	257	887	887	666	444	-	247	840	840	630	420	-	234

\* It may not reach the above capacities in low ambient temperatures.

**TPEADA15AA80A**  
**NTXSKS15A112AA**  
**2) HEATING**

**Rated**  
 Q(Btu/h): 18,000  
 W: 1,350

Indoor D.B.			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
65	18.3	Q(Btu/h)	27,058	22,653	16,990	11,327	-	6,167	28,203	23,612	17,709	11,806	-	6,428	29,163	23,760	17,820	11,880	-	6,468
		W	2,016	1,555	1,166	777	-	322	1,953	1,507	1,130	753	-	313	1,899	1,411	1,058	705	-	293
60	15.6	Q(Btu/h)	25,664	21,486	16,114	10,743	-	5,849	26,756	22,401	16,800	11,200	-	6,098	27,615	22,950	17,213	11,475	-	6,248
		W	1,992	1,537	1,153	768	-	319	1,925	1,485	1,114	743	-	308	1,875	1,397	1,048	699	-	290
55	12.8	Q(Btu/h)	24,228	20,284	15,213	10,142	-	5,522	25,284	21,168	15,876	10,584	-	5,763	26,070	22,140	16,605	11,070	-	6,027
		W	1,959	1,511	1,133	756	-	313	1,888	1,456	1,092	728	-	302	1,838	1,384	1,038	692	-	287
50	10.0	Q(Btu/h)	22,755	19,051	14,288	9,525	-	5,186	23,792	19,918	14,939	9,959	-	5,422	24,528	21,240	15,930	10,620	-	5,782
		W	1,916	1,478	1,108	739	-	307	1,841	1,420	1,065	710	-	295	1,788	1,370	1,028	685	-	284
45	7.2	Q(Btu/h)	21,251	17,791	13,344	8,896	-	4,843	22,282	18,654	13,991	9,327	-	5,078	22,989	20,340	15,255	10,170	-	5,537
		W	1,863	1,437	1,078	719	-	298	1,785	1,377	1,033	689	-	286	1,725	1,350	1,013	675	-	280
40	4.4	Q(Btu/h)	19,720	16,509	12,382	8,255	-	4,494	20,759	17,380	13,035	8,690	-	4,731	21,455	19,800	14,850	9,900	-	5,390
		W	1,800	1,389	1,042	694	-	288	1,720	1,327	995	663	-	275	1,652	1,337	1,002	668	-	277
35	1.7	Q(Btu/h)	18,166	15,209	11,407	7,604	-	4,140	19,229	16,099	12,074	8,049	-	4,382	19,925	18,720	14,040	9,360	-	5,096
		W	1,728	1,333	1,000	666	-	276	1,646	1,269	952	635	-	263	1,569	1,310	982	655	-	272
30	-1.1	Q(Btu/h)	16,596	13,894	10,421	6,947	-	3,782	17,694	14,814	11,110	7,407	-	4,033	18,401	17,190	12,893	8,595	-	4,680
		W	1,645	1,269	952	635	-	263	1,562	1,205	904	602	-	250	1,477	1,249	937	624	-	259
25	-3.9	Q(Btu/h)	15,013	12,569	9,427	6,284	-	3,422	16,160	13,529	10,147	6,765	-	3,683	16,882	16,470	12,353	8,235	-	4,484
		W	1,553	1,198	899	599	-	248	1,469	1,133	850	567	-	235	1,377	1,215	911	608	-	252
20	-6.7	Q(Btu/h)	13,423	11,238	8,428	5,619	-	3,059	14,630	12,248	9,186	6,124	-	3,334	15,369	15,300	11,475	7,650	-	4,165
		W	1,451	1,119	840	560	-	232	1,366	1,054	791	527	-	219	1,271	1,141	856	570	-	237
15	-9.4	Q(Btu/h)	11,830	9,904	7,428	4,952	-	2,696	13,109	10,975	8,231	5,487	-	2,988	13,862	14,040	10,530	7,020	-	3,822
		W	1,339	1,033	775	517	-	214	1,255	968	726	484	-	201	1,158	1,067	800	533	-	221
10	-12.2	Q(Btu/h)	10,239	8,572	6,429	4,286	-	2,334	11,601	9,712	7,284	4,856	-	2,644	12,362	12,780	9,585	6,390	-	3,479
		W	1,218	939	704	470	-	195	1,134	875	656	437	-	181	1,041	972	729	486	-	202
5	-15.0	Q(Btu/h)	8,656	7,247	5,435	3,623	-	1,973	10,110	8,464	6,348	4,232	-	2,304	10,870	11,250	8,438	5,625	-	3,063
		W	1,086	838	628	419	-	174	1,004	774	581	387	-	161	921	864	648	432	-	179
0	-17.8	Q(Btu/h)	7,084	5,931	4,448	2,966	-	1,615	8,641	7,235	5,426	3,617	-	1,969	9,386	9,000	6,750	4,500	-	2,450
		W	945	729	547	364	-	151	864	667	500	333	-	138	798	716	537	358	-	148
-4	-20.0	Q(Btu/h)	5,839	4,889	3,666	2,444	-	1,331	7,485	6,266	4,700	3,133	-	1,706	8,204	9,000	6,750	4,500	-	2,450
		W	825	636	477	318	-	132	746	576	432	288	-	119	698	716	537	358	-	148

\* Above data is for heating operation without any frost.



**TPEADA18AA80A**  
**NTXSKS18A112AA**  
**1) COOLING**

**Rated**  
 Q(Btu/h): 18,000  
 W: 1,270

Indoor W.B.	Outdoor D.B.	Q(Btu/h)	71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
115	46.1	Q(Btu/h)	16,432	16,432	12,324	8,216	-	5,660	15,386	15,386	11,539	7,693	-	5,300	14,041	14,041	10,531	7,021	-	4,837
		W	1,427	1,427	1,070	713	-	382	1,392	1,392	1,044	696	-	373	1,334	1,334	1,000	667	-	357
110	43.3	Q(Btu/h)	17,178	17,178	12,884	8,589	-	5,917	15,983	15,983	11,988	7,992	-	5,505	14,639	14,639	10,979	7,320	-	5,042
		W	1,403	1,403	1,053	702	-	376	1,369	1,369	1,026	684	-	366	1,305	1,305	979	652	-	349
105	40.6	Q(Btu/h)	17,925	17,925	13,444	8,963	-	6,174	16,581	16,581	12,436	8,290	-	5,711	15,386	15,386	11,539	7,693	-	5,300
		W	1,386	1,386	1,039	693	-	371	1,334	1,334	1,000	667	-	357	1,276	1,276	957	638	-	342
100	37.8	Q(Btu/h)	18,523	18,523	13,892	9,261	-	6,380	17,328	17,328	12,996	8,664	-	5,968	15,983	15,983	11,988	7,992	-	5,505
		W	1,345	1,345	1,009	673	-	360	1,305	1,305	979	652	-	349	1,247	1,247	935	623	-	334
95	35.0	Q(Btu/h)	19,270	19,270	14,452	9,635	-	6,637	18,000	18,000	13,500	9,000	-	6,200	16,730	16,730	12,548	8,365	-	5,763
		W	1,322	1,322	992	661	-	354	1,270	1,270	953	635	-	340	1,218	1,218	913	609	-	326
90	32.2	Q(Btu/h)	19,867	19,867	14,900	9,934	-	6,843	18,672	18,672	14,004	9,336	-	6,432	17,328	17,328	12,996	8,664	-	5,968
		W	1,276	1,276	957	638	-	342	1,218	1,218	913	609	-	326	1,171	1,171	879	586	-	314
85	29.4	Q(Btu/h)	20,614	20,614	15,461	10,307	-	7,100	19,419	19,419	14,564	9,710	-	6,689	18,075	18,075	13,556	9,037	-	6,226
		W	1,229	1,229	922	615	-	329	1,171	1,171	879	586	-	314	1,131	1,131	848	565	-	303
80	26.7	Q(Btu/h)	21,212	21,212	15,909	10,606	-	7,306	20,017	20,017	15,012	10,008	-	6,895	18,822	18,822	14,116	9,411	-	6,483
		W	1,183	1,183	887	592	-	317	1,119	1,119	839	560	-	300	1,084	1,084	813	542	-	290
75	23.9	Q(Btu/h)	21,959	21,959	16,469	10,979	-	7,563	20,614	20,614	15,461	10,307	-	7,100	19,494	19,494	14,620	9,747	-	6,715
		W	1,131	1,131	848	565	-	303	1,067	1,067	800	534	-	286	1,043	1,043	782	521	-	279
70	21.1	Q(Btu/h)	22,481	22,481	16,861	11,241	-	7,744	21,062	21,062	15,797	10,531	-	7,255	20,166	20,166	15,124	10,083	-	6,946
		W	1,073	1,073	805	536	-	287	1,021	1,021	765	510	-	273	980	980	735	490	-	262
67	19.4	Q(Btu/h)	22,705	22,705	17,029	11,353	-	7,821	21,510	21,510	16,133	10,755	-	7,409	20,614	20,614	15,461	10,307	-	7,100
		W	1,021	1,021	765	510	-	273	980	980	735	490	-	262	928	928	696	464	-	248

\* It may not reach the above capacities in low ambient temperatures.

**TPEADA18AA80A**  
**NTXSKS18A112AA**  
**2) HEATING**

**Rated**  
**Q(Btu/h): 21,600**  
**W: 1,600**

Indoor D.B. Outdoor W.B. (°F) (°C)	77°F / 25.0°C						68°F / 20.0°C						59°F / 15.0°C						
	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
65 18.3	Q(Btu/h)	32,218	27,184	20,388	13,592	-	10,194	33,581	28,334	21,250	14,167	-	10,625	34,724	28,512	21,384	14,256	-	10,692
	W	2,465	1,843	1,382	921	-	495	2,389	1,786	1,339	893	-	480	2,322	1,672	1,254	836	-	449
60 15.6	Q(Btu/h)	30,558	25,783	19,337	12,891	-	9,669	31,859	26,881	20,161	13,440	-	10,080	32,881	27,540	20,655	13,770	-	10,328
	W	2,436	1,821	1,366	911	-	489	2,354	1,760	1,320	880	-	473	2,293	1,656	1,242	828	-	445
55 12.8	Q(Btu/h)	28,848	24,340	18,255	12,170	-	9,128	30,106	25,402	19,052	12,701	-	9,526	31,041	26,568	19,926	13,284	-	9,963
	W	2,395	1,791	1,343	895	-	481	2,309	1,726	1,295	863	-	464	2,248	1,640	1,230	820	-	441
50 10.0	Q(Btu/h)	27,095	22,861	17,146	11,431	-	8,573	28,329	23,902	17,927	11,951	-	8,963	29,205	25,488	19,116	12,744	-	9,558
	W	2,343	1,752	1,314	876	-	471	2,252	1,683	1,263	842	-	452	2,186	1,624	1,218	812	-	436
45 7.2	Q(Btu/h)	25,303	21,350	16,012	10,675	-	8,006	26,531	22,385	16,789	11,193	-	8,395	27,373	24,408	18,306	12,204	-	9,153
	W	2,278	1,703	1,277	852	-	458	2,183	1,632	1,224	816	-	439	2,110	1,600	1,200	800	-	430
40 4.4	Q(Btu/h)	23,480	19,811	14,859	9,906	-	7,429	24,718	20,856	15,642	10,428	-	7,821	25,546	23,760	17,820	11,880	-	8,910
	W	2,201	1,646	1,234	823	-	442	2,103	1,573	1,179	786	-	423	2,020	1,584	1,188	792	-	426
35 1.7	Q(Btu/h)	21,631	18,251	13,688	9,125	-	6,844	22,896	19,318	14,489	9,659	-	7,244	23,725	22,464	16,848	11,232	-	8,424
	W	2,113	1,580	1,185	790	-	425	2,012	1,505	1,128	752	-	404	1,919	1,552	1,164	776	-	417
30 -1.1	Q(Btu/h)	19,761	16,673	12,505	8,336	-	6,252	21,068	17,776	13,332	8,888	-	6,666	21,910	20,628	15,471	10,314	-	7,736
	W	2,012	1,504	1,128	752	-	404	1,910	1,428	1,071	714	-	384	1,806	1,480	1,110	740	-	398
25 -3.9	Q(Btu/h)	17,876	15,083	11,312	7,541	-	5,656	19,241	16,235	12,176	8,117	-	6,088	20,101	19,764	14,823	9,882	-	7,412
	W	1,899	1,420	1,065	710	-	382	1,796	1,343	1,007	671	-	361	1,684	1,440	1,080	720	-	387
20 -6.7	Q(Btu/h)	15,982	13,485	10,114	6,743	-	5,057	17,420	14,698	11,024	7,349	-	5,512	18,299	18,360	13,770	9,180	-	6,885
	W	1,774	1,327	995	663	-	357	1,671	1,249	937	625	-	336	1,554	1,352	1,014	676	-	363
15 -9.4	Q(Btu/h)	14,086	11,885	8,914	5,942	-	4,457	15,609	13,170	9,877	6,585	-	4,939	16,505	16,848	12,636	8,424	-	6,318
	W	1,638	1,224	918	612	-	329	1,534	1,147	860	574	-	308	1,417	1,264	948	632	-	340
10 -12.2	Q(Btu/h)	12,192	10,287	7,715	5,143	-	3,858	13,813	11,655	8,741	5,827	-	4,371	14,720	15,336	11,502	7,668	-	5,751
	W	1,489	1,113	835	557	-	299	1,387	1,037	778	518	-	279	1,274	1,152	864	576	-	310
5 -15.0	Q(Btu/h)	10,306	8,696	6,522	4,348	-	3,261	12,038	10,157	7,618	5,079	-	3,809	12,943	13,500	10,125	6,750	-	5,063
	W	1,328	993	745	496	-	267	1,228	918	688	459	-	247	1,126	1,024	768	512	-	275
0 -17.8	Q(Btu/h)	8,435	7,117	5,338	3,559	-	2,669	10,289	8,681	6,511	4,341	-	3,256	11,175	10,800	8,100	5,400	-	4,050
	W	1,155	864	648	432	-	232	1,057	790	593	395	-	212	976	848	636	424	-	228
-4 -20.0	Q(Btu/h)	6,953	5,866	4,400	2,933	-	2,200	8,912	7,519	5,639	3,760	-	2,820	9,769	10,800	8,100	5,400	-	4,050
	W	1,008	754	565	377	-	203	913	682	512	341	-	183	854	848	636	424	-	228

\* Above data is for heating operation without any frost.

**TPEADA24AA80A  
NTXSKS24A112AA  
1) COOLING**

**Rated**  
Q(Btu/h): 24,000  
W: 1,920

Indoor W.B.			71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
Outdoor D.B. (°F) (°C)			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min			
115	46.1	Q(Btu/h)	22,037	22,037	16,528	11,019	-	11,019	20,837	20,837	15,628	10,419	-	10,419	19,637	19,637	14,728	9,819	-	9,819			
		W	2,267	2,267	1,700	1,133	-	885	2,190	2,190	1,642	1,095	-	855	2,113	2,113	1,585	1,056	-	825			
110	43.3	Q(Btu/h)	23,020	23,020	17,265	11,510	-	11,510	21,820	21,820	16,365	10,910	-	10,910	20,620	20,620	15,465	10,310	-	10,310			
		W	2,216	2,216	1,662	1,108	-	866	2,139	2,139	1,604	1,070	-	836	2,062	2,062	1,547	1,031	-	806			
105	40.6	Q(Btu/h)	23,959	23,959	17,969	11,980	-	11,980	22,759	22,759	17,069	11,380	-	11,380	21,559	21,559	16,169	10,780	-	10,780			
		W	2,160	2,160	1,620	1,080	-	844	2,083	2,083	1,562	1,042	-	814	2,006	2,006	1,505	1,003	-	784			
100	37.8	Q(Btu/h)	24,865	24,865	18,649	12,433	-	12,433	23,665	23,665	17,749	11,833	-	11,833	22,465	22,465	16,849	11,233	-	11,233			
		W	2,100	2,100	1,575	1,050	-	820	2,023	2,023	1,518	1,012	-	790	1,947	1,947	1,460	973	-	760			
95	35.0	Q(Btu/h)	25,747	25,747	19,310	12,874	-	12,874	24,547	24,547	18,410	12,274	-	12,274	23,347	23,347	17,510	11,674	-	11,674			
		W	2,037	2,037	1,528	1,019	-	796	1,961	1,961	1,470	980	-	766	1,884	1,884	1,413	942	-	736			
90	32.2	Q(Btu/h)	26,615	26,615	19,961	13,307	-	13,307	25,415	25,415	19,061	12,707	-	12,707	24,215	24,215	18,161	12,107	-	12,107			
		W	1,973	1,973	1,479	986	-	771	1,896	1,896	1,422	948	-	741	1,819	1,819	1,364	910	-	711			
85	29.4	Q(Btu/h)	27,478	27,478	20,609	13,739	-	13,739	26,278	26,278	19,709	13,139	-	13,139	25,078	25,078	18,809	12,539	-	12,539			
		W	1,907	1,907	1,430	953	-	745	1,830	1,830	1,373	915	-	715	1,753	1,753	1,315	877	-	685			
80	26.7	Q(Btu/h)	28,346	28,346	21,259	14,173	-	14,173	27,146	27,146	20,359	13,573	-	13,573	25,946	25,946	19,459	12,973	-	12,973			
		W	1,842	1,842	1,381	921	-	719	1,765	1,765	1,324	882	-	689	1,688	1,688	1,266	844	-	659			
75	23.9	Q(Btu/h)	29,228	29,228	21,921	14,614	-	14,614	28,028	28,028	21,021	14,014	-	14,014	26,828	26,828	20,121	13,414	-	13,414			
		W	1,777	1,777	1,333	889	-	694	1,701	1,701	1,275	850	-	664	1,624	1,624	1,218	812	-	634			
70	21.1	Q(Btu/h)	30,135	30,135	22,601	15,067	-	15,067	28,935	28,935	21,701	14,467	-	14,467	27,735	27,735	20,801	13,867	-	13,867			
		W	1,716	1,716	1,287	858	-	670	1,639	1,639	1,229	819	-	640	1,562	1,562	1,171	781	-	610			
67	19.4	Q(Btu/h)	30,694	30,694	23,020	15,347	-	15,347	29,494	29,494	22,120	14,747	-	14,747	28,294	28,294	21,220	14,147	-	14,147			
		W	1,680	1,680	1,260	840	-	656	1,603	1,603	1,202	802	-	626	1,526	1,526	1,145	763	-	596			

\* It may not reach the above capacities in low ambient temperatures.

**2) HEATING**

**Rated**  
Q(Btu/h): 25,000  
W: 1,990

Indoor D.B.			77°F / 25.0°C							68°F / 20.0°C							59°F / 15.0°C						
Outdoor W.B. (°F) (°C)			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min			
65	18.3	Q(Btu/h)	35,238	31,463	23,597	-	-	18,123	36,729	32,794	24,595	-	-	18,889	37,979	33,000	24,750	-	-	19,008			
		W	2,925	2,292	1,719	-	-	1,083	2,835	2,221	1,666	-	-	1,049	2,756	2,080	1,560	-	-	982			
60	15.6	Q(Btu/h)	33,422	29,841	22,381	-	-	17,189	34,845	31,112	23,334	-	-	17,920	35,964	31,875	23,906	-	-	18,360			
		W	2,891	2,265	1,699	-	-	1,070	2,794	2,189	1,642	-	-	1,034	2,722	2,060	1,545	-	-	973			
55	12.8	Q(Btu/h)	31,552	28,172	21,129	-	-	16,227	32,929	29,401	22,050	-	-	16,935	33,951	30,750	23,063	-	-	17,712			
		W	2,843	2,228	1,671	-	-	1,052	2,740	2,147	1,610	-	-	1,014	2,668	2,040	1,530	-	-	964			
50	10.0	Q(Btu/h)	29,635	26,460	19,845	-	-	15,241	30,984	27,665	20,748	-	-	15,935	31,943	29,500	22,125	-	-	16,992			
		W	2,781	2,179	1,634	-	-	1,029	2,672	2,094	1,570	-	-	989	2,595	2,020	1,515	-	-	954			
45	7.2	Q(Btu/h)	27,676	24,710	18,533	-	-	14,233	29,018	25,909	19,432	-	-	14,924	29,940	28,250	21,188	-	-	16,272			
		W	2,704	2,118	1,589	-	-	1,001	2,591	2,030	1,523	-	-	959	2,504	1,990	1,493	-	-	940			
40	4.4	Q(Btu/h)	25,681	22,930	17,197	-	-	13,208	27,036	24,139	18,104	-	-	13,904	27,941	27,500	20,625	-	-	15,840			
		W	2,613	2,047	1,535	-	-	967	2,497	1,956	1,467	-	-	924	2,398	1,970	1,478	-	-	931			
35	1.7	Q(Btu/h)	23,658	21,124	15,843	-	-	12,167	25,042	22,359	16,769	-	-	12,879	25,949	26,000	19,500	-	-	14,976			
		W	2,508	1,965	1,473	-	-	928	2,388	1,871	1,403	-	-	884	2,277	1,930	1,448	-	-	912			
30	-1.1	Q(Btu/h)	21,613	19,297	14,473	-	-	11,115	23,044	20,575	15,431	-	-	11,851	23,964	23,875	17,906	-	-	13,752			
		W	2,388	1,871	1,403	-	-	884	2,267	1,776	1,332	-	-	839	2,144	1,841	1,381	-	-	870			
25	-3.9	Q(Btu/h)	19,552	17,457	13,093	-	-	10,055	21,045	18,790	14,093	-	-	10,823	21,986	22,875	17,156	-	-	13,176			
		W	2,254	1,766	1,325	-	-	834	2,132	1,670	1,253	-	-	789	1,999	1,791	1,343	-	-	846			
20	-6.7	Q(Btu/h)	17,481	15,608	11,706	-	-	8,990	19,053	17,012	12,759	-	-	9,799	20,015	21,250	15,938	-	-	12,240			
		W	2,106	1,650	1,238	-	-	779	1,983	1,554	1,165	-	-	734	1,844	1,682	1,261	-	-	794			
15	-9.4	Q(Btu/h)	15,406	13,756	10,317	-	-	7,923	17,072	15,243	11,432	-	-	8,780	18,053	19,500	14,625	-	-	11,232			
		W	1,944	1,523	1,142	-	-	719	1,821	1,427	1,070	-	-	674	1,681	1,572	1,179	-	-	743			

\* Above data is for heating operation without any frost.

**TPEADA30AA80A**  
**NTXSKS30A112AA**

Rated  
Q(Btu/h): 27,000  
W: 2,160

**1) COOLING**

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C						
	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
115 46.1	Q(Btu/h)	24,792	24,792	18,594	12,396	-	12,120	23,442	23,442	17,581	11,721	-	11,460	22,092	22,092	16,569	11,046	-	10,800
	W	2,550	2,550	1,912	1,275	-	968	2,463	2,463	1,848	1,232	-	935	2,377	2,377	1,783	1,189	-	902
110 43.3	Q(Btu/h)	25,897	25,897	19,423	12,949	-	12,661	24,547	24,547	18,410	12,274	-	12,001	23,197	23,197	17,398	11,599	-	11,341
	W	2,493	2,493	1,870	1,246	-	946	2,406	2,406	1,805	1,203	-	914	2,320	2,320	1,740	1,160	-	881
105 40.6	Q(Btu/h)	26,954	26,954	20,215	13,477	-	13,178	25,604	25,604	19,203	12,802	-	12,518	24,254	24,254	18,190	12,127	-	11,858
	W	2,430	2,430	1,823	1,215	-	923	2,344	2,344	1,758	1,172	-	890	2,257	2,257	1,693	1,129	-	857
100 37.8	Q(Btu/h)	27,973	27,973	20,980	13,987	-	13,676	26,623	26,623	19,967	13,312	-	13,016	25,273	25,273	18,955	12,637	-	12,356
	W	2,363	2,363	1,772	1,181	-	897	2,276	2,276	1,707	1,138	-	864	2,190	2,190	1,642	1,095	-	831
95 35.0	Q(Btu/h)	28,966	28,966	21,724	14,483	-	14,161	27,616	27,616	20,712	13,808	-	13,501	26,266	26,266	19,699	13,133	-	12,841
	W	2,292	2,292	1,719	1,146	-	870	2,206	2,206	1,654	1,103	-	837	2,119	2,119	1,589	1,060	-	805
90 32.2	Q(Btu/h)	29,942	29,942	22,456	14,971	-	14,638	28,592	28,592	21,444	14,296	-	13,978	27,242	27,242	20,431	13,621	-	13,318
	W	2,219	2,219	1,664	1,110	-	842	2,133	2,133	1,600	1,066	-	810	2,046	2,046	1,535	1,023	-	777
85 29.4	Q(Btu/h)	30,913	30,913	23,185	15,456	-	15,113	29,563	29,563	22,172	14,781	-	14,453	28,213	28,213	21,160	14,106	-	13,793
	W	2,145	2,145	1,609	1,073	-	814	2,059	2,059	1,544	1,029	-	782	1,973	1,973	1,479	986	-	749
80 26.7	Q(Btu/h)	31,889	31,889	23,917	15,945	-	15,590	30,539	30,539	22,904	15,270	-	14,930	29,189	29,189	21,892	14,595	-	14,270
	W	2,072	2,072	1,554	1,036	-	786	1,985	1,985	1,489	993	-	754	1,899	1,899	1,424	949	-	721
75 23.9	Q(Btu/h)	32,882	32,882	24,661	16,441	-	16,076	31,532	31,532	23,649	15,766	-	15,416	30,182	30,182	22,636	15,091	-	14,756
	W	2,000	2,000	1,500	1,000	-	759	1,913	1,913	1,435	957	-	726	1,827	1,827	1,370	913	-	693
70 21.1	Q(Btu/h)	33,901	33,901	25,426	16,951	-	16,574	32,551	32,551	24,414	16,276	-	15,914	31,201	31,201	23,401	15,601	-	15,254
	W	1,930	1,930	1,447	965	-	733	1,844	1,844	1,383	922	-	700	1,757	1,757	1,318	879	-	667
67 19.4	Q(Btu/h)	34,531	34,531	25,898	17,265	-	16,882	33,181	33,181	24,885	16,590	-	16,222	31,831	31,831	23,873	15,915	-	15,562
	W	1,890	1,890	1,417	945	-	717	1,804	1,804	1,353	902	-	685	1,717	1,717	1,288	859	-	652

\* It may not reach the above capacities in low ambient temperatures.

Rated  
Q(Btu/h): 30,000  
W: 2,410

**2) HEATING**

Indoor D.B. Outdoor W.B. (°F) (°C)	77°F / 25.0°C						68°F / 20.0°C						59°F / 15.0°C						
	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
65 18.3	Q(Btu/h)	41,531	37,755	28,316	-	-	19,960	43,288	39,353	29,515	-	-	20,804	44,762	39,600	29,700	-	-	20,935
	W	3,167	2,776	2,082	-	-	1,175	3,070	2,690	2,018	-	-	1,139	2,984	2,518	1,889	-	-	1,066
60 15.6	Q(Btu/h)	39,391	35,810	26,857	-	-	18,931	41,068	37,334	28,001	-	-	19,737	42,386	38,250	28,688	-	-	20,222
	W	3,131	2,743	2,058	-	-	1,161	3,025	2,651	1,989	-	-	1,122	2,947	2,494	1,871	-	-	1,056
55 12.8	Q(Btu/h)	37,187	33,806	25,355	-	-	17,872	38,809	35,281	26,460	-	-	18,652	40,014	36,900	27,675	-	-	19,508
	W	3,078	2,698	2,023	-	-	1,142	2,967	2,600	1,950	-	-	1,100	2,888	2,470	1,853	-	-	1,046
50 10.0	Q(Btu/h)	34,927	31,751	23,814	-	-	16,786	36,517	33,197	24,898	-	-	17,550	37,647	35,400	26,550	-	-	18,715
	W	3,011	2,638	1,979	-	-	1,117	2,893	2,536	1,902	-	-	1,073	2,809	2,446	1,835	-	-	1,035
45 7.2	Q(Btu/h)	32,618	29,652	22,239	-	-	15,676	34,200	31,091	23,318	-	-	16,437	35,286	33,900	25,425	-	-	17,922
	W	2,927	2,566	1,924	-	-	1,086	2,805	2,459	1,844	-	-	1,041	2,711	2,410	1,808	-	-	1,020
40 4.4	Q(Btu/h)	30,267	27,516	20,637	-	-	14,547	31,863	28,967	21,725	-	-	15,314	32,931	33,000	24,750	-	-	17,446
	W	2,829	2,479	1,859	-	-	1,049	2,703	2,369	1,777	-	-	1,003	2,596	2,386	1,789	-	-	1,010
35 1.7	Q(Btu/h)	27,883	25,348	19,011	-	-	13,401	29,514	26,831	20,123	-	-	14,185	30,583	31,200	23,400	-	-	16,494
	W	2,715	2,379	1,784	-	-	1,007	2,586	2,266	1,700	-	-	959	2,465	2,338	1,753	-	-	989
30 -1.1	Q(Btu/h)	25,473	23,157	17,368	-	-	12,242	27,159	24,690	18,517	-	-	13,053	28,243	28,650	21,488	-	-	15,146
	W	2,585	2,266	1,699	-	-	959	2,454	2,151	1,613	-	-	910	2,321	2,229	1,672	-	-	944
25 -3.9	Q(Btu/h)	23,043	20,948	15,711	-	-	11,075	24,803	22,549	16,911	-	-	11,921	25,911	27,450	20,588	-	-	14,512
	W	2,441	2,139	1,604	-	-	905	2,308	2,023	1,517	-	-	856	2,164	2,169	1,627	-	-	918
20 -6.7	Q(Btu/h)	20,602	18,729	14,047	-	-	9,902	22,455	20,414	15,310	-	-	10,792	23,589	25,500	19,125	-	-	13,481
	W	2,280	1,998	1,499	-	-	846	2,147	1,882	1,411	-	-	796	1,997	2,036	1,527	-	-	862
15 -9.4	Q(Btu/h)	18,157	16,507	12,380	-	-	8,727	20,121	18,292	13,719	-	-	9,670	21,277	23,400	17,550	-	-	12,371
	W	2,104	1,844	1,383	-	-	781	1,972	1,728	1,296	-	-	731	1,820	1,904	1,428	-	-	806

\* Above data is for heating operation without any frost.



**TPEADA09AA80A**  
**NTXSKH09A112AA**

**Rated**  
 Q(Btu/h): 9,000  
 W: 650

**1) COOLING**

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C						63°F / 17.2°C					
	Max	Rated	75%	50%	25%	Min		Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115 46.1 Q(Btu/h)	8,216	8,216	6,162	-	-	4,564		7,693	7,693	5,770	-	-	4,274	7,021	7,021	5,266	-	-	3,900
W	730	730	548	-	-	371		712	712	534	-	-	362	683	683	512	-	-	347
110 43.3 Q(Btu/h)	8,589	8,589	6,442	-	-	4,772		7,992	7,992	5,994	-	-	4,440	7,320	7,320	5,490	-	-	4,066
W	718	718	539	-	-	365		700	700	525	-	-	356	668	668	501	-	-	339
105 40.6 Q(Btu/h)	8,963	8,963	6,722	-	-	4,979		8,290	8,290	6,218	-	-	4,606	7,693	7,693	5,770	-	-	4,274
W	709	709	532	-	-	360		683	683	512	-	-	347	653	653	490	-	-	332
100 37.8 Q(Btu/h)	9,261	9,261	6,946	-	-	5,145		8,664	8,664	6,498	-	-	4,813	7,992	7,992	5,994	-	-	4,440
W	689	689	516	-	-	350		668	668	501	-	-	339	638	638	479	-	-	324
95 35.0 Q(Btu/h)	9,635	9,635	7,226	-	-	5,353		9,000	9,000	6,750	-	-	5,000	8,365	8,365	6,274	-	-	4,647
W	677	677	508	-	-	344		650	650	488	-	-	330	623	623	467	-	-	316
90 32.2 Q(Btu/h)	9,934	9,934	7,450	-	-	5,519		9,336	9,336	7,002	-	-	5,187	8,664	8,664	6,498	-	-	4,813
W	653	653	490	-	-	332		623	623	467	-	-	316	600	600	450	-	-	304
85 29.4 Q(Btu/h)	10,307	10,307	7,730	-	-	5,726		9,710	9,710	7,282	-	-	5,394	9,037	9,037	6,778	-	-	5,021
W	629	629	472	-	-	319		600	600	450	-	-	304	579	579	434	-	-	294
80 26.7 Q(Btu/h)	10,606	10,606	7,954	-	-	5,892		10,008	10,008	7,506	-	-	5,560	9,411	9,411	7,058	-	-	5,228
W	605	605	454	-	-	307		573	573	430	-	-	291	555	555	416	-	-	282
75 23.9 Q(Btu/h)	10,979	10,979	8,234	-	-	6,100		10,307	10,307	7,730	-	-	5,726	9,747	9,747	7,310	-	-	5,415
W	579	579	434	-	-	294		546	546	410	-	-	277	534	534	400	-	-	271
70 21.1 Q(Btu/h)	11,241	11,241	8,430	-	-	6,245		10,531	10,531	7,898	-	-	5,851	10,083	10,083	7,562	-	-	5,602
W	549	549	412	-	-	279		522	522	392	-	-	265	502	502	376	-	-	255
67 19.4 Q(Btu/h)	11,353	11,353	8,515	-	-	6,307		10,755	10,755	8,066	-	-	5,975	10,307	10,307	7,730	-	-	5,726
W	522	522	392	-	-	265		502	502	376	-	-	255	475	475	356	-	-	241

Note: It may not reach the above capacities in low ambient temperatures.

**TPEADA09AA80A**  
**NTXSKH09A112AA**  
**2) HEATING**

**Rated**  
 Q(Btu/h): 12,000  
 W: 910

Indoor D.B.			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)	Q(Btu/h)																		
65	18.3	Q(Btu/h)	16,940	14,520	10,890	-	-	9,922	17,500	15,000	11,250	-	-	10,250	18,060	15,480	11,610	-	-	10,578
		W	1,272	1,033	775	-	-	579	1,245	1,011	759	-	-	567	1,218	990	742	-	-	555
60	15.6	Q(Btu/h)	16,240	13,920	10,440	-	-	9,512	16,800	14,400	10,800	-	-	9,840	17,360	14,880	11,160	-	-	10,168
		W	1,249	1,015	761	-	-	569	1,222	993	745	-	-	557	1,195	971	728	-	-	544
55	12.8	Q(Btu/h)	15,540	13,320	9,990	-	-	9,102	16,100	13,800	10,350	-	-	9,430	16,660	14,280	10,710	-	-	9,758
		W	1,223	994	745	-	-	557	1,196	972	729	-	-	545	1,170	950	713	-	-	533
50	10.0	Q(Btu/h)	14,840	12,720	9,540	-	-	8,692	15,330	13,140	9,855	-	-	8,979	15,890	13,620	10,215	-	-	9,307
		W	1,194	970	728	-	-	544	1,167	948	711	-	-	531	1,140	926	695	-	-	519
45	7.2	Q(Btu/h)	11,820	11,640	8,730	-	-	8,405	12,300	12,120	9,090	-	-	8,692	12,780	12,600	9,450	-	-	9,020
		W	1,175	954	716	-	-	535	1,148	933	699	-	-	523	1,121	911	683	-	-	510
40	4.4	Q(Btu/h)	11,520	11,280	8,460	-	-	7,954	12,000	11,760	8,820	-	-	8,241	12,480	12,240	9,180	-	-	8,569
		W	1,140	926	695	-	-	519	1,113	904	678	-	-	507	1,086	883	662	-	-	495
35	1.7	Q(Btu/h)	11,520	10,680	8,010	-	-	7,298	12,000	10,980	8,235	-	-	7,503	12,480	11,460	8,595	-	-	7,831
		W	1,441	882	661	-	-	494	1,374	860	645	-	-	482	1,286	838	629	-	-	470
30	-1.1	Q(Btu/h)	11,520	10,200	7,650	-	-	6,970	12,000	10,500	7,875	-	-	7,175	12,480	10,980	8,235	-	-	7,503
		W	1,696	935	701	-	-	524	1,629	913	685	-	-	512	1,541	891	669	-	-	500
25	-3.9	Q(Btu/h)	11,520	9,360	7,020	-	-	6,396	12,000	9,660	7,245	-	-	6,601	12,480	10,080	7,560	-	-	6,888
		W	1,840	880	660	-	-	493	1,773	858	643	-	-	481	1,685	836	627	-	-	469
20	-6.7	Q(Btu/h)	11,520	8,520	6,390	-	-	5,822	12,000	8,820	6,615	-	-	6,027	12,480	9,240	6,930	-	-	6,314
		W	1,940	821	616	-	-	460	1,873	799	599	-	-	448	1,784	777	583	-	-	436
15	-9.4	Q(Btu/h)	11,520	7,560	5,670	-	-	5,166	12,000	7,860	5,895	-	-	5,371	12,480	8,280	6,210	-	-	5,658
		W	2,028	759	569	-	-	425	1,962	737	553	-	-	413	1,873	715	536	-	-	401
10	-12.2	Q(Btu/h)	11,520	6,480	4,860	-	-	4,428	12,000	6,780	5,085	-	-	4,633	12,480	7,320	5,490	-	-	5,002
		W	2,084	693	520	-	-	388	2,017	671	503	-	-	376	1,929	649	487	-	-	364
5	-15.0	Q(Btu/h)	11,520	4,920	3,690	-	-	3,362	12,000	5,160	3,870	-	-	3,526	12,480	5,760	4,320	-	-	3,936
		W	2,128	595	447	-	-	334	2,062	574	430	-	-	321	1,973	552	414	-	-	309
0	-17.8	Q(Btu/h)	10,860	3,788	2,841	-	-	2,589	11,340	4,060	3,045	-	-	2,774	11,820	4,679	3,509	-	-	3,197
		W	2,150	521	391	-	-	292	2,084	500	375	-	-	280	1,995	478	358	-	-	268
-4	-20.0	Q(Btu/h)	10,308	2,810	2,107	-	-	1,920	10,788	3,087	2,315	-	-	2,109	11,268	3,750	2,813	-	-	2,563
		W	2,161	460	345	-	-	258	2,095	438	328	-	-	245	2,006	416	312	-	-	233
-13	-25.0	Q(Btu/h)	9,120	465	348	-	-	317	9,600	765	574	-	-	523	10,080	1,547	1,161	-	-	1,057
		W	2,172	313	235	-	-	175	2,106	291	218	-	-	163	2,017	269	202	-	-	151

Note: Above data is for heating operation without any frost.

**TPEADA12AA80A**  
**NTXSKH12A112AA**

**Rated**  
 Q(Btu/h): 12,000  
 W: 850

**1) COOLING**

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C						63°F / 17.2°C					
	Max	Rated	75%	50%	25%	Min		Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115 46.1 Q(Btu/h)	10,954	10,954	8,216	5,477	-	5,267		10,257	10,257	7,693	5,129	-	4,932	9,361	9,361	7,021	4,680	-	4,501
W	955	955	716	477	-	382		932	932	699	466	-	373	893	893	670	446	-	357
110 43.3 Q(Btu/h)	11,452	11,452	8,589	5,726	-	5,507		10,656	10,656	7,992	5,328	-	5,124	9,759	9,759	7,320	4,880	-	4,693
W	939	939	704	470	-	376		916	916	687	458	-	366	873	873	655	437	-	349
105 40.6 Q(Btu/h)	11,950	11,950	8,963	5,975	-	5,746		11,054	11,054	8,290	5,527	-	5,315	10,257	10,257	7,693	5,129	-	4,932
W	928	928	696	464	-	371		893	893	670	446	-	357	854	854	640	427	-	342
100 37.8 Q(Btu/h)	12,349	12,349	9,261	6,174	-	5,938		11,552	11,552	8,664	5,776	-	5,555	10,656	10,656	7,992	5,328	-	5,124
W	900	900	675	450	-	360		873	873	655	437	-	349	834	834	626	417	-	334
95 35.0 Q(Btu/h)	12,846	12,846	9,635	6,423	-	6,177		12,000	12,000	9,000	6,000	-	5,770	11,154	11,154	8,365	5,577	-	5,363
W	885	885	664	442	-	354		850	850	638	425	-	340	815	815	611	408	-	326
90 32.2 Q(Btu/h)	13,245	13,245	9,934	6,622	-	6,369		12,448	12,448	9,336	6,224	-	5,985	11,552	11,552	8,664	5,776	-	5,555
W	854	854	640	427	-	342		815	815	611	408	-	326	784	784	588	392	-	314
85 29.4 Q(Btu/h)	13,743	13,743	10,307	6,871	-	6,608		12,946	12,946	9,710	6,473	-	6,225	12,050	12,050	9,037	6,025	-	5,794
W	823	823	617	411	-	329		784	784	588	392	-	314	757	757	568	378	-	303
80 26.7 Q(Btu/h)	14,141	14,141	10,606	7,071	-	6,800		13,344	13,344	10,008	6,672	-	6,416	12,548	12,548	9,411	6,274	-	6,033
W	792	792	594	396	-	317		749	749	562	375	-	300	726	726	544	363	-	290
75 23.9 Q(Btu/h)	14,639	14,639	10,979	7,320	-	7,039		13,743	13,743	10,307	6,871	-	6,608	12,996	12,996	9,747	6,498	-	6,249
W	757	757	568	378	-	303		714	714	536	357	-	286	698	698	523	349	-	279
70 21.1 Q(Btu/h)	14,988	14,988	11,241	7,494	-	7,207		14,041	14,041	10,531	7,021	-	6,752	13,444	13,444	10,083	6,722	-	6,464
W	718	718	539	359	-	287		683	683	512	342	-	273	656	656	492	328	-	262
67 19.4 Q(Btu/h)	15,137	15,137	11,353	7,568	-	7,278		14,340	14,340	10,755	7,170	-	6,895	13,743	13,743	10,307	6,871	-	6,608
W	683	683	512	342	-	273		656	656	492	328	-	262	621	621	466	311	-	248

Note: It may not reach the above capacities in low ambient temperatures.



**TPEADA12AA80A**  
**NTXSKH12A112AA**  
**2) HEATING**

**Rated**  
 Q(Btu/h): 15,000  
 W: 1,100

Indoor D.B.			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
65	18.3	Q(Btu/h)	21,780	18,150	13,613	-	-	9,559	22,500	18,750	14,063	-	-	9,875	23,220	19,350	14,513	-	-	10,191
		W	1,578	1,249	937	-	-	545	1,545	1,223	917	-	-	533	1,512	1,196	897	-	-	522
60	15.6	Q(Btu/h)	20,880	17,400	13,050	-	-	9,164	21,600	18,000	13,500	-	-	9,480	22,320	18,600	13,950	-	-	9,796
		W	1,550	1,227	920	-	-	535	1,517	1,200	900	-	-	524	1,484	1,174	881	-	-	512
55	12.8	Q(Btu/h)	19,980	16,650	12,488	-	-	8,769	20,700	17,250	12,938	-	-	9,085	21,420	17,850	13,388	-	-	9,401
		W	1,518	1,201	901	-	-	524	1,485	1,175	881	-	-	513	1,451	1,149	861	-	-	501
50	10.0	Q(Btu/h)	19,080	15,900	11,925	-	-	8,374	19,710	16,425	12,319	-	-	8,651	20,430	17,025	12,769	-	-	8,967
		W	1,482	1,173	879	-	-	512	1,448	1,146	860	-	-	500	1,415	1,120	840	-	-	489
45	7.2	Q(Btu/h)	14,775	14,550	10,913	-	-	8,098	15,375	15,150	11,363	-	-	8,374	15,975	15,750	11,813	-	-	8,690
		W	1,458	1,154	865	-	-	503	1,425	1,127	845	-	-	492	1,391	1,101	826	-	-	480
40	4.4	Q(Btu/h)	14,400	14,100	10,575	-	-	7,663	15,000	14,700	11,025	-	-	7,940	15,600	15,300	11,475	-	-	8,256
		W	1,415	1,119	840	-	-	488	1,381	1,093	820	-	-	477	1,348	1,067	800	-	-	465
35	1.7	Q(Btu/h)	14,400	13,350	10,013	-	-	7,031	15,000	13,725	10,294	-	-	7,229	15,600	14,325	10,744	-	-	7,545
		W	1,446	1,066	799	-	-	465	1,379	1,040	780	-	-	454	1,290	1,013	760	-	-	442
30	-1.1	Q(Btu/h)	14,400	12,750	9,563	-	-	6,715	15,000	13,125	9,844	-	-	6,913	15,600	13,725	10,294	-	-	7,229
		W	1,701	1,130	848	-	-	493	1,635	1,104	828	-	-	482	1,546	1,077	808	-	-	470
25	-3.9	Q(Btu/h)	14,400	11,700	8,775	-	-	6,162	15,000	12,075	9,056	-	-	6,360	15,600	12,600	9,450	-	-	6,636
		W	1,846	1,063	798	-	-	464	1,779	1,037	778	-	-	453	1,690	1,011	758	-	-	441
20	-6.7	Q(Btu/h)	14,400	10,650	7,988	-	-	5,609	15,000	11,025	8,269	-	-	5,807	15,600	11,550	8,663	-	-	6,083
		W	1,946	992	744	-	-	433	1,879	966	725	-	-	422	1,790	940	705	-	-	410
15	-9.4	Q(Btu/h)	14,400	9,450	7,088	-	-	4,977	15,000	9,825	7,369	-	-	5,175	15,600	10,350	7,763	-	-	5,451
		W	2,035	917	688	-	-	400	1,968	891	668	-	-	389	1,879	864	648	-	-	377
10	-12.2	Q(Btu/h)	14,400	8,100	6,075	-	-	4,266	15,000	8,475	6,356	-	-	4,464	15,600	9,150	6,863	-	-	4,819
		W	2,091	838	628	-	-	366	2,024	811	609	-	-	354	1,935	785	589	-	-	343
5	-15.0	Q(Btu/h)	14,400	6,150	4,613	-	-	3,239	15,000	6,450	4,838	-	-	3,397	15,600	7,200	5,400	-	-	3,792
		W	2,135	720	540	-	-	314	2,068	693	520	-	-	303	1,979	667	500	-	-	291
0	-17.8	Q(Btu/h)	13,575	4,735	3,552	-	-	2,494	14,175	5,075	3,806	-	-	2,673	14,775	5,848	4,386	-	-	3,080
		W	2,157	630	473	-	-	275	2,091	604	453	-	-	264	2,002	578	433	-	-	252
-4	-20.0	Q(Btu/h)	12,885	3,512	2,634	-	-	1,850	13,485	3,859	2,894	-	-	2,032	14,085	4,688	3,516	-	-	2,469
		W	2,168	556	417	-	-	242	2,102	529	397	-	-	231	2,013	503	377	-	-	219
-13	-25.0	Q(Btu/h)	11,400	581	436	-	-	306	12,000	956	717	-	-	504	12,600	1,934	1,451	-	-	1,019
		W	2,180	378	284	-	-	165	2,113	352	264	-	-	154	2,024	325	244	-	-	142

Note: Above data is for heating operation without any frost.

**TPEADA15AA80A**  
**NTXSKH15A112AA**

**Rated**  
 Q(Btu/h): 15,000  
 W: 1,190

**1) COOLING**

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C					63°F / 17.2°C					
	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115 46.1 Q(Btu/h)	13,693	13,693	10,270	-	-	8,763	12,822	12,822	9,616	-	-	8,206	11,701	11,701	8,776	-	-	7,489
W	1,337	1,337	1,003	-	-	730	1,304	1,304	978	-	-	712	1,250	1,250	937	-	-	683
110 43.3 Q(Btu/h)	14,315	14,315	10,737	-	-	9,162	13,320	13,320	9,990	-	-	8,524	12,199	12,199	9,149	-	-	7,807
W	1,315	1,315	986	-	-	718	1,282	1,282	962	-	-	700	1,223	1,223	917	-	-	668
105 40.6 Q(Btu/h)	14,938	14,938	11,203	-	-	9,560	13,817	13,817	10,363	-	-	8,843	12,822	12,822	9,616	-	-	8,206
W	1,299	1,299	974	-	-	709	1,250	1,250	937	-	-	683	1,195	1,195	897	-	-	653
100 37.8 Q(Btu/h)	15,436	15,436	11,577	-	-	9,879	14,440	14,440	10,830	-	-	9,241	13,320	13,320	9,990	-	-	8,524
W	1,261	1,261	945	-	-	689	1,223	1,223	917	-	-	668	1,168	1,168	876	-	-	638
95 35.0 Q(Btu/h)	16,058	16,058	12,044	-	-	10,277	15,000	15,000	11,250	-	-	9,600	13,942	13,942	10,456	-	-	8,923
W	1,239	1,239	929	-	-	677	1,190	1,190	893	-	-	650	1,141	1,141	856	-	-	623
90 32.2 Q(Btu/h)	16,556	16,556	12,417	-	-	10,596	15,560	15,560	11,670	-	-	9,959	14,440	14,440	10,830	-	-	9,241
W	1,195	1,195	897	-	-	653	1,141	1,141	856	-	-	623	1,098	1,098	823	-	-	600
85 29.4 Q(Btu/h)	17,178	17,178	12,884	-	-	10,994	16,183	16,183	12,137	-	-	10,357	15,062	15,062	11,297	-	-	9,640
W	1,152	1,152	864	-	-	629	1,098	1,098	823	-	-	600	1,060	1,060	795	-	-	579
80 26.7 Q(Btu/h)	17,676	17,676	13,257	-	-	11,313	16,680	16,680	12,510	-	-	10,676	15,685	15,685	11,763	-	-	10,038
W	1,108	1,108	831	-	-	605	1,049	1,049	787	-	-	573	1,016	1,016	762	-	-	555
75 23.9 Q(Btu/h)	18,299	18,299	13,724	-	-	11,711	17,178	17,178	12,884	-	-	10,994	16,245	16,245	12,184	-	-	10,397
W	1,060	1,060	795	-	-	579	1,000	1,000	750	-	-	546	977	977	733	-	-	534
70 21.1 Q(Btu/h)	18,734	18,734	14,051	-	-	11,990	17,552	17,552	13,164	-	-	11,233	16,805	16,805	12,604	-	-	10,755
W	1,005	1,005	754	-	-	549	956	956	717	-	-	522	918	918	689	-	-	502
67 19.4 Q(Btu/h)	18,921	18,921	14,191	-	-	12,110	17,925	17,925	13,444	-	-	11,472	17,178	17,178	12,884	-	-	10,994
W	956	956	717	-	-	522	918	918	689	-	-	502	869	869	652	-	-	475

Note: It may not reach the above capacities in low ambient temperatures.

**TPEADA15AA80A**  
**NTXSKH15A112AA**  
**2) HEATING**

**Rated**  
 Q(Btu/h): 18,000  
 W: 1,710

Indoor D.B.			77°F / 25.0°C							68°F / 20.0°C							59°F / 15.0°C						
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min			
(°F)	(°C)																						
65	18.3	Q(Btu/h)	27,830	21,780	16,335	10,890	-	10,648	28,750	22,500	16,875	11,250	-	11,000	29,670	23,220	17,415	11,610	-	11,352			
		W	3,179	1,941	1,456	971	-	613	3,112	1,900	1,425	950	-	600	3,045	1,860	1,395	930	-	587			
60	15.6	Q(Btu/h)	26,680	20,880	15,660	10,440	-	10,208	27,600	21,600	16,200	10,800	-	10,560	28,520	22,320	16,740	11,160	-	10,912			
		W	3,123	1,907	1,430	954	-	602	3,056	1,866	1,400	933	-	589	2,989	1,825	1,369	913	-	576			
55	12.8	Q(Btu/h)	25,530	19,980	14,985	9,990	-	9,768	26,450	20,700	15,525	10,350	-	10,120	27,370	21,420	16,065	10,710	-	10,472			
		W	3,058	1,868	1,401	934	-	590	2,991	1,827	1,370	913	-	577	2,924	1,786	1,339	893	-	564			
50	10.0	Q(Btu/h)	24,380	19,080	14,310	9,540	-	9,328	25,185	19,710	14,783	9,855	-	9,636	26,105	20,430	15,323	10,215	-	9,988			
		W	2,985	1,823	1,367	911	-	576	2,918	1,782	1,336	891	-	563	2,851	1,741	1,306	870	-	550			
45	7.2	Q(Btu/h)	17,730	17,640	13,230	8,820	-	8,624	18,450	18,180	13,635	9,090	-	8,888	19,170	18,900	14,175	9,450	-	9,240			
		W	2,937	1,793	1,345	897	-	566	2,869	1,752	1,314	876	-	553	2,802	1,711	1,284	856	-	540			
40	4.4	Q(Btu/h)	17,280	16,920	12,690	8,460	-	8,272	18,000	17,640	13,230	8,820	-	8,712	18,720	18,360	13,770	9,180	-	8,976			
		W	2,850	1,740	1,305	870	-	550	2,782	1,699	1,274	850	-	537	2,715	1,658	1,244	829	-	524			
35	1.7	Q(Btu/h)	17,280	16,020	12,015	8,010	-	7,832	18,000	16,470	12,353	8,235	-	8,052	18,720	17,190	12,893	8,595	-	8,404			
		W	2,002	1,657	1,243	829	-	523	1,910	1,616	1,212	808	-	510	1,786	1,575	1,181	788	-	497			
30	-1.1	Q(Btu/h)	17,280	15,300	11,475	7,650	-	7,480	18,000	15,750	11,813	7,875	-	7,700	18,720	16,470	12,353	8,235	-	8,052			
		W	2,356	1,757	1,318	878	-	555	2,264	1,716	1,287	858	-	542	2,141	1,675	1,256	837	-	529			
25	-3.9	Q(Btu/h)	17,280	14,040	10,530	7,020	-	6,864	18,000	14,490	10,868	7,245	-	7,084	18,720	15,120	11,340	7,560	-	7,392			
		W	2,556	1,653	1,240	827	-	522	2,464	1,612	1,209	806	-	509	2,341	1,571	1,178	786	-	496			
20	-6.7	Q(Btu/h)	17,280	12,780	9,585	6,390	-	6,248	18,000	13,230	9,923	6,615	-	6,468	18,720	13,860	10,395	6,930	-	6,776			
		W	2,695	1,543	1,157	771	-	487	2,603	1,502	1,126	751	-	474	2,479	1,461	1,096	730	-	461			
15	-9.4	Q(Btu/h)	17,280	11,340	8,505	5,670	-	5,544	18,000	11,790	8,843	5,895	-	5,764	18,720	12,420	9,315	6,210	-	6,072			
		W	2,818	1,426	1,069	713	-	450	2,726	1,385	1,039	692	-	437	2,603	1,344	1,008	672	-	424			
10	-12.2	Q(Btu/h)	17,280	9,720	7,290	4,860	-	4,752	18,000	10,170	7,628	5,085	-	4,972	18,720	10,980	8,235	5,490	-	5,368			
		W	2,895	1,302	977	651	-	411	2,803	1,261	946	631	-	398	2,680	1,220	915	610	-	385			
5	-15.0	Q(Btu/h)	17,280	7,380	5,535	3,690	-	3,608	18,000	7,740	5,805	3,870	-	3,784	18,720	8,640	6,480	4,320	-	4,224			
		W	2,957	1,119	839	559	-	353	2,864	1,078	808	539	-	340	2,741	1,037	778	518	-	327			
0	-17.8	Q(Btu/h)	16,290	5,682	4,262	2,841	-	2,778	17,010	6,090	4,567	3,045	-	2,977	17,730	7,018	5,263	3,509	-	3,431			
		W	2,988	980	735	490	-	309	2,895	939	704	469	-	296	2,772	898	673	449	-	284			
-4	-20.0	Q(Btu/h)	15,462	4,215	3,161	2,107	-	2,060	16,182	4,630	3,473	2,315	-	2,264	16,902	5,626	4,219	2,813	-	2,750			
		W	3,003	864	648	432	-	273	2,911	823	617	411	-	260	2,787	782	586	391	-	247			
-13	-25.0	Q(Btu/h)	13,680	697	523	348	-	341	14,400	1,148	861	574	-	561	15,120	2,321	1,741	1,161	-	1,135			
		W	3,018	588	441	294	-	186	2,926	547	410	273	-	173	2,803	506	379	253	-	160			

Note: Above data is for heating operation without any frost.

**TPEADA18AA80A**  
**NTXSKH18A112AA**

**Rated**  
 Q(Btu/h): 18,000  
 W: 1,400

**1) COOLING**

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C					63°F / 17.2°C					
	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115 46.1 Q(Btu/h)	16,432	16,432	12,324	-	-	8,508	15,386	15,386	11,539	-	-	7,966	14,041	14,041	10,531	-	-	7,270
W	1,573	1,573	1,179	-	-	640	1,534	1,534	1,151	-	-	625	1,470	1,470	1,103	-	-	599
110 43.3 Q(Btu/h)	17,178	17,178	12,884	-	-	8,895	15,983	15,983	11,988	-	-	8,276	14,639	14,639	10,979	-	-	7,580
W	1,547	1,547	1,160	-	-	630	1,509	1,509	1,132	-	-	614	1,438	1,438	1,079	-	-	586
105 40.6 Q(Btu/h)	17,925	17,925	13,444	-	-	9,281	16,581	16,581	12,436	-	-	8,585	15,386	15,386	11,539	-	-	7,966
W	1,528	1,528	1,146	-	-	622	1,470	1,470	1,103	-	-	599	1,406	1,406	1,055	-	-	573
100 37.8 Q(Btu/h)	18,523	18,523	13,892	-	-	9,591	17,328	17,328	12,996	-	-	8,972	15,983	15,983	11,988	-	-	8,276
W	1,483	1,483	1,112	-	-	604	1,438	1,438	1,079	-	-	586	1,374	1,374	1,031	-	-	560
95 35.0 Q(Btu/h)	19,270	19,270	14,452	-	-	9,977	18,000	18,000	13,500	-	-	9,320	16,730	16,730	12,548	-	-	8,663
W	1,458	1,458	1,093	-	-	593	1,400	1,400	1,050	-	-	570	1,342	1,342	1,007	-	-	547
90 32.2 Q(Btu/h)	19,867	19,867	14,900	-	-	10,287	18,672	18,672	14,004	-	-	9,668	17,328	17,328	12,996	-	-	8,972
W	1,406	1,406	1,055	-	-	573	1,342	1,342	1,007	-	-	547	1,291	1,291	968	-	-	526
85 29.4 Q(Btu/h)	20,614	20,614	15,461	-	-	10,674	19,419	19,419	14,564	-	-	10,055	18,075	18,075	13,556	-	-	9,359
W	1,355	1,355	1,016	-	-	552	1,291	1,291	968	-	-	526	1,247	1,247	935	-	-	508
80 26.7 Q(Btu/h)	21,212	21,212	15,909	-	-	10,983	20,017	20,017	15,012	-	-	10,364	18,822	18,822	14,116	-	-	9,745
W	1,304	1,304	978	-	-	531	1,234	1,234	925	-	-	502	1,195	1,195	897	-	-	487
75 23.9 Q(Btu/h)	21,959	21,959	16,469	-	-	11,370	20,614	20,614	15,461	-	-	10,674	19,494	19,494	14,620	-	-	10,093
W	1,247	1,247	935	-	-	508	1,176	1,176	882	-	-	479	1,149	1,149	862	-	-	468
70 21.1 Q(Btu/h)	22,481	22,481	16,861	-	-	11,640	21,062	21,062	15,797	-	-	10,906	20,166	20,166	15,124	-	-	10,441
W	1,183	1,183	887	-	-	482	1,125	1,125	844	-	-	458	1,080	1,080	810	-	-	440
67 19.4 Q(Btu/h)	22,705	22,705	17,029	-	-	11,756	21,510	21,510	16,133	-	-	11,138	20,614	20,614	15,461	-	-	10,674
W	1,125	1,125	844	-	-	458	1,080	1,080	810	-	-	440	1,023	1,023	767	-	-	416

Note: It may not reach the above capacities in low ambient temperatures.

**TPEADA18AA80A**  
**NTXSKH18A112AA**  
**2) HEATING**

**Rated**  
 Q(Btu/h): 21,600  
 W: 1,890

Indoor D.B.		77°F / 25.0°C						68°F / 20.0°C						59°F / 15.0°C						
Outdoor W.B.		Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
(°F)	(°C)																			
65	18.3	Q(Btu/h)	33,880	26,136	19,602	13,068	-	10,648	35,000	27,000	20,250	13,500	-	11,000	36,120	27,864	20,898	13,932	-	11,352
		W	3,690	2,146	1,609	1,073	-	613	3,612	2,101	1,575	1,050	-	600	3,534	2,055	1,541	1,028	-	587
60	15.6	Q(Btu/h)	32,480	25,056	18,792	12,528	-	10,208	33,600	25,920	19,440	12,960	-	10,560	34,720	26,784	20,088	13,392	-	10,912
		W	3,625	2,108	1,581	1,054	-	602	3,547	2,063	1,547	1,031	-	589	3,469	2,017	1,513	1,009	-	576
55	12.8	Q(Btu/h)	31,080	23,976	17,982	11,988	-	9,768	32,200	24,840	18,630	12,420	-	10,120	33,320	25,704	19,278	12,852	-	10,472
		W	3,549	2,064	1,548	1,032	-	590	3,472	2,019	1,514	1,009	-	577	3,394	1,974	1,480	987	-	564
50	10.0	Q(Btu/h)	29,680	22,896	17,172	11,448	-	9,328	30,660	23,652	17,739	11,826	-	9,636	31,780	24,516	18,387	12,258	-	9,988
		W	3,464	2,015	1,511	1,007	-	576	3,387	1,969	1,477	985	-	563	3,309	1,924	1,443	962	-	550
45	7.2	Q(Btu/h)	21,276	20,952	15,714	10,476	-	9,020	22,140	21,816	16,362	10,908	-	9,328	23,004	22,680	17,010	11,340	-	9,680
		W	3,409	1,982	1,487	991	-	566	3,331	1,937	1,453	968	-	553	3,253	1,892	1,419	946	-	540
40	4.4	Q(Btu/h)	20,736	20,304	15,228	10,152	-	8,536	21,600	20,952	15,714	10,476	-	8,844	22,464	21,816	16,362	10,908	-	9,196
		W	3,308	1,923	1,443	962	-	550	3,230	1,878	1,409	939	-	537	3,152	1,833	1,375	916	-	524
35	1.7	Q(Btu/h)	20,736	19,224	14,418	9,612	-	7,832	21,600	19,764	14,823	9,882	-	8,052	22,464	20,628	15,471	10,314	-	8,404
		W	2,641	1,831	1,374	916	-	523	2,519	1,786	1,340	893	-	510	2,356	1,741	1,306	870	-	497
30	-1.1	Q(Btu/h)	20,736	18,360	13,770	9,180	-	7,480	21,600	18,900	14,175	9,450	-	7,700	22,464	19,764	14,823	9,882	-	8,052
		W	3,108	1,942	1,456	971	-	555	2,986	1,897	1,422	948	-	542	2,823	1,851	1,388	926	-	529
25	-3.9	Q(Btu/h)	20,736	16,848	12,636	8,424	-	6,864	21,600	17,388	13,041	8,694	-	7,084	22,464	18,144	13,608	9,072	-	7,392
		W	3,372	1,827	1,370	914	-	522	3,250	1,782	1,336	891	-	509	3,088	1,737	1,302	868	-	496
20	-6.7	Q(Btu/h)	20,736	15,336	11,502	7,668	-	6,248	21,600	15,876	11,907	7,938	-	6,468	22,464	16,632	12,474	8,316	-	6,776
		W	3,555	1,705	1,279	853	-	487	3,433	1,660	1,245	830	-	474	3,270	1,615	1,211	807	-	461
15	-9.4	Q(Btu/h)	20,736	13,608	10,206	6,804	-	5,544	21,600	14,148	10,611	7,074	-	5,764	22,464	14,904	11,178	7,452	-	6,072
		W	3,717	1,576	1,182	788	-	450	3,595	1,531	1,148	765	-	437	3,433	1,485	1,114	743	-	424
10	-12.2	Q(Btu/h)	20,736	11,664	8,748	5,832	-	4,752	21,600	12,204	9,153	6,102	-	4,972	22,464	13,176	9,882	6,588	-	5,368
		W	3,819	1,439	1,080	720	-	411	3,697	1,394	1,046	697	-	398	3,534	1,349	1,012	674	-	385
5	-15.0	Q(Btu/h)	20,736	8,856	6,642	4,428	-	3,608	21,600	9,288	6,966	4,644	-	3,784	22,464	10,368	7,776	5,184	-	4,224
		W	3,900	1,236	927	618	-	353	3,778	1,191	893	596	-	340	3,616	1,146	859	573	-	327
0	-17.8	Q(Btu/h)	19,548	6,819	5,114	3,409	-	2,778	20,412	7,307	5,481	3,654	-	2,977	21,276	8,421	6,316	4,211	-	3,431
		W	3,941	1,083	812	541	-	309	3,819	1,038	778	519	-	296	3,656	992	744	496	-	284
-4	-20.0	Q(Btu/h)	18,554	5,057	3,793	2,529	-	2,060	19,418	5,557	4,167	2,778	-	2,264	20,282	6,751	5,063	3,375	-	2,750
		W	3,961	955	716	477	-	273	3,839	909	682	455	-	260	3,677	864	648	432	-	247
-13	-25.0	Q(Btu/h)	16,416	836	627	418	-	341	17,280	1,377	1,033	689	-	561	18,144	2,785	2,089	1,393	-	1,135
		W	3,981	650	487	325	-	186	3,859	604	453	302	-	173	3,697	559	419	280	-	160

Note: Above data is for heating operation without any frost.

**TPEADA24AA80A**  
**NTXSKH24A112AA**  
**1) COOLING**

Rated  
 Q(Btu/h): 24,000  
 W: 2,080

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
	Max	Rated	75%	50%	25%	Min		Max	Rated	75%	50%	25%	Min		Max	Rated	75%	50%	25%	Min	
115 46.1 Q(Btu/h)	24,192	24,192	18,144	12,096	-	10,080		22,320	22,320	16,740	11,160	-	9,300		20,952	20,952	15,714	10,476	-	8,730	
W	2,538	2,538	1,903	1,269	-	903		2,454	2,454	1,841	1,227	-	873		2,392	2,392	1,794	1,196	-	851	
110 43.3 Q(Btu/h)	25,416	25,416	19,062	12,708	-	10,590		23,544	23,544	17,658	11,772	-	9,810		22,176	22,176	16,632	11,088	-	9,240	
W	2,409	2,409	1,806	1,204	-	857		2,325	2,325	1,744	1,163	-	827		2,263	2,263	1,697	1,132	-	805	
105 40.6 Q(Btu/h)	25,944	25,944	19,458	12,972	-	10,810		24,072	24,072	18,054	12,036	-	10,030		22,704	22,704	17,028	11,352	-	9,460	
W	2,328	2,328	1,746	1,164	-	828		2,244	2,244	1,683	1,122	-	798		2,182	2,182	1,636	1,091	-	776	
100 37.8 Q(Btu/h)	26,640	26,640	19,980	13,320	-	11,100		24,768	24,768	18,576	12,384	-	10,320		23,400	23,400	17,550	11,700	-	9,750	
W	2,215	2,215	1,661	1,108	-	788		2,132	2,132	1,599	1,066	-	759		2,070	2,070	1,552	1,035	-	736	
95 35.0 Q(Btu/h)	27,216	27,216	20,412	13,608	-	11,340		25,344	25,344	19,008	12,672	-	10,560		23,976	23,976	17,982	11,988	-	9,990	
W	2,126	2,126	1,594	1,063	-	756		2,043	2,043	1,532	1,021	-	727		1,980	1,980	1,485	990	-	704	
90 32.2 Q(Btu/h)	27,600	27,600	20,700	13,800	-	11,500		25,728	25,728	19,296	12,864	-	10,720		24,360	24,360	18,270	12,180	-	10,150	
W	2,059	2,059	1,544	1,030	-	733		1,976	1,976	1,482	988	-	703		1,914	1,914	1,435	957	-	681	
85 29.4 Q(Btu/h)	27,888	27,888	20,916	13,944	-	11,620		26,016	26,016	19,512	13,008	-	10,840		24,648	24,648	18,486	12,324	-	10,270	
W	1,997	1,997	1,498	998	-	710		1,914	1,914	1,435	957	-	681		1,851	1,851	1,388	926	-	659	
80 26.7 Q(Btu/h)	28,320	28,320	21,240	14,160	-	11,800		26,448	26,448	19,836	13,224	-	11,020		25,080	25,080	18,810	12,540	-	10,450	
W	1,930	1,930	1,448	965	-	687		1,847	1,847	1,385	924	-	657		1,785	1,785	1,338	892	-	635	
75 23.9 Q(Btu/h)	28,632	28,632	21,474	14,316	-	11,930		26,760	26,760	20,070	13,380	-	11,150		25,392	25,392	19,044	12,696	-	10,580	
W	1,872	1,872	1,404	936	-	666		1,789	1,789	1,342	894	-	636		1,726	1,726	1,295	863	-	614	
70 21.1 Q(Btu/h)	28,800	28,800	21,600	14,400	-	12,000		26,928	26,928	20,196	13,464	-	11,220		25,560	25,560	19,170	12,780	-	10,650	
W	1,826	1,826	1,370	913	-	650		1,743	1,743	1,307	872	-	620		1,681	1,681	1,260	840	-	598	
67 19.4 Q(Btu/h)	28,992	28,992	21,744	14,496	-	12,080		27,120	27,120	20,340	13,560	-	11,300		25,752	25,752	19,314	12,876	-	10,730	
W	1,793	1,793	1,345	896	-	638		1,710	1,710	1,282	855	-	608		1,647	1,647	1,236	824	-	586	

\* It may not reach the above capacities in low ambient temperatures.

**TPEADA24AA80A**  
**NTXSKH24A112AA**  
**2) HEATING**

**Rated**  
**Q(Btu/h): 25,000**  
**W: 1,920**

Indoor D.B.		77°F / 25.0°C						68°F / 20.0°C						59°F / 15.0°C						
Outdoor W.B.		Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	
(°F)	(°C)																			
65	18.3	Q(Btu/h)	35,736	31,908	23,931	15,954	-	12,763	36,772	32,833	24,624	16,416	-	13,133	37,948	33,883	25,412	16,941	-	13,553
		W	2,987	2,515	1,886	1,258	-	825	2,782	2,362	1,771	1,181	-	775	2,622	2,208	1,656	1,104	-	725
60	15.6	Q(Btu/h)	33,740	30,125	22,594	15,063	-	12,050	34,776	31,050	23,288	15,525	-	12,420	35,952	32,100	24,075	16,050	-	12,840
		W	2,873	2,419	1,814	1,210	-	794	2,668	2,266	1,699	1,133	-	743	2,508	2,112	1,584	1,056	-	693
55	12.8	Q(Btu/h)	31,500	28,125	21,094	14,063	-	11,250	32,536	29,050	21,788	14,525	-	11,620	33,712	30,100	22,575	15,050	-	12,040
		W	2,759	2,342	1,757	1,171	-	769	2,554	2,189	1,642	1,094	-	718	2,394	2,035	1,526	1,018	-	668
50	10.0	Q(Btu/h)	29,624	26,450	19,838	13,225	-	10,580	30,660	27,375	20,531	13,688	-	10,950	31,836	28,425	21,319	14,213	-	11,370
		W	2,645	2,237	1,678	1,118	-	734	2,440	2,083	1,562	1,042	-	684	2,280	1,930	1,447	965	-	633
45	7.2	Q(Btu/h)	24,625	24,500	18,375	12,250	-	9,800	25,625	25,425	19,069	12,713	-	10,170	26,625	26,475	19,856	13,238	-	10,590
		W	2,531	2,112	1,584	1,056	-	693	2,326	1,958	1,469	979	-	643	2,166	1,805	1,354	902	-	592
40	4.4	Q(Btu/h)	24,000	20,500	15,375	10,250	-	8,200	25,000	21,425	16,069	10,713	-	8,570	26,000	22,475	16,856	11,238	-	8,990
		W	2,462	1,939	1,454	970	-	636	2,257	1,824	1,368	912	-	599	2,098	1,690	1,267	845	-	554
35	1.7	Q(Btu/h)	24,000	17,750	13,313	8,875	-	7,100	25,000	19,750	14,813	9,875	-	7,900	26,000	21,000	15,750	10,500	-	8,400
		W	2,624	1,828	1,371	914	-	600	2,503	1,713	1,284	856	-	562	2,342	1,578	1,184	789	-	518
30	-1.1	Q(Btu/h)	24,000	17,000	12,750	8,500	-	6,800	25,000	17,900	13,425	8,950	-	7,160	26,000	18,650	13,988	9,325	-	7,460
		W	3,089	1,667	1,250	833	-	547	2,968	1,551	1,164	776	-	509	2,806	1,417	1,063	708	-	465
25	-3.9	Q(Btu/h)	24,000	16,250	12,188	8,125	-	6,500	25,000	17,150	12,863	8,575	-	6,860	26,000	17,900	13,425	8,950	-	7,160
		W	3,351	1,450	1,087	725	-	476	3,230	1,334	1,001	667	-	438	3,069	1,200	900	600	-	394
20	-6.7	Q(Btu/h)	24,000	15,500	11,625	7,750	-	6,200	25,000	16,400	12,300	8,200	-	6,560	26,000	17,150	12,863	8,575	-	6,860
		W	3,533	1,421	1,066	710	-	466	3,412	1,306	979	653	-	428	3,250	1,171	878	586	-	384
15	-9.4	Q(Btu/h)	24,000	15,125	11,344	7,563	-	6,050	25,000	16,025	12,019	8,013	-	6,410	26,000	16,775	12,581	8,388	-	6,710
		W	3,694	1,354	1,015	677	-	444	3,573	1,238	929	619	-	406	3,412	1,104	828	552	-	362
10	-12.2	Q(Btu/h)	24,000	14,550	10,913	7,275	-	5,820	25,000	15,450	11,588	7,725	-	6,180	26,000	16,200	12,150	8,100	-	6,480
		W	3,795	1,252	939	626	-	411	3,674	1,137	852	568	-	373	3,513	1,002	752	501	-	329
5	-15.0	Q(Btu/h)	24,000	14,238	10,678	7,119	-	5,695	25,000	15,138	11,353	7,569	-	6,055	26,000	15,888	11,916	7,944	-	6,355
		W	3,876	1,247	936	624	-	409	3,755	1,132	849	566	-	372	3,593	998	748	499	-	327
0	-17.8	Q(Btu/h)	22,625	14,000	10,500	7,000	-	5,600	23,625	14,900	11,175	7,450	-	5,960	24,625	15,650	11,738	7,825	-	6,260
		W	3,916	1,250	938	625	-	410	3,795	1,135	851	568	-	372	3,634	1,001	751	500	-	328
-4	-20.0	Q(Btu/h)	21,475	13,850	10,388	6,925	-	5,540	22,475	14,750	11,063	7,375	-	5,900	23,475	15,500	11,625	7,750	-	6,200
		W	3,937	1,238	928	619	-	406	3,815	1,123	842	561	-	368	3,654	988	741	494	-	324
-13	-25.0	Q(Btu/h)	19,000	13,719	10,289	6,860	-	5,488	20,000	14,619	10,964	7,310	-	5,848	21,000	15,369	11,527	7,685	-	6,148
		W	3,957	1,218	914	609	-	400	3,836	1,103	827	551	-	362	3,674	969	726	484	-	318

\* Above data is for heating operation without any frost.

**TPEADA30AA80A**  
**NTXSKH30A112AA**  
**1) COOLING**

**Rated**  
**Q(Btu/h): 30,000**  
**W: 2,350**

Indoor W.B. Outdoor D.B. (°F) (°C)			71°F / 21.7°C						67°F / 19.4°C						63°F / 17.2°C					
			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
115	46.1	Q(Btu/h)	30,240	30,240	22,680	15,120	-	14,717	27,900	27,900	20,925	13,950	-	13,578	26,190	26,190	19,643	13,095	-	12,746
		W	2,867	2,867	2,150	1,434	-	1,208	2,773	2,773	2,080	1,387	-	1,168	2,703	2,703	2,027	1,351	-	1,139
110	43.3	Q(Btu/h)	31,770	31,770	23,828	15,885	-	15,461	29,430	29,430	22,073	14,715	-	14,323	27,720	27,720	20,790	13,860	-	13,490
		W	2,721	2,721	2,041	1,361	-	1,146	2,627	2,627	1,970	1,314	-	1,107	2,557	2,557	1,918	1,278	-	1,077
105	40.6	Q(Btu/h)	32,430	32,430	24,323	16,215	-	15,783	30,090	30,090	22,568	15,045	-	14,644	28,380	28,380	21,285	14,190	-	13,812
		W	2,630	2,630	1,972	1,315	-	1,108	2,536	2,536	1,902	1,268	-	1,068	2,465	2,465	1,849	1,233	-	1,039
100	37.8	Q(Btu/h)	33,300	33,300	24,975	16,650	-	16,206	30,960	30,960	23,220	15,480	-	15,067	29,250	29,250	21,938	14,625	-	14,235
		W	2,503	2,503	1,877	1,251	-	1,054	2,409	2,409	1,807	1,204	-	1,015	2,338	2,338	1,754	1,169	-	985
95	35.0	Q(Btu/h)	34,020	34,020	25,515	17,010	-	16,556	31,680	31,680	23,760	15,840	-	15,418	29,970	29,970	22,478	14,985	-	14,585
		W	2,402	2,402	1,801	1,201	-	1,012	2,308	2,308	1,731	1,154	-	972	2,237	2,237	1,678	1,119	-	942
90	32.2	Q(Btu/h)	34,500	34,500	25,875	17,250	-	16,790	32,160	32,160	24,120	16,080	-	15,651	30,450	30,450	22,838	15,225	-	14,819
		W	2,327	2,327	1,745	1,163	-	980	2,233	2,233	1,674	1,116	-	941	2,162	2,162	1,622	1,081	-	911
85	29.4	Q(Btu/h)	34,860	34,860	26,145	17,430	-	16,965	32,520	32,520	24,390	16,260	-	15,826	30,810	30,810	23,108	15,405	-	14,994
		W	2,256	2,256	1,692	1,128	-	950	2,162	2,162	1,622	1,081	-	911	2,092	2,092	1,569	1,046	-	881
80	26.7	Q(Btu/h)	35,400	35,400	26,550	17,700	-	17,228	33,060	33,060	24,795	16,530	-	16,089	31,350	31,350	23,513	15,675	-	15,257
		W	2,181	2,181	1,636	1,090	-	919	2,087	2,087	1,565	1,043	-	879	2,016	2,016	1,512	1,008	-	849
75	23.9	Q(Btu/h)	35,790	35,790	26,843	17,895	-	17,418	33,450	33,450	25,088	16,725	-	16,279	31,740	31,740	23,805	15,870	-	15,447
		W	2,115	2,115	1,586	1,058	-	891	2,021	2,021	1,516	1,011	-	851	1,951	1,951	1,463	975	-	822
70	21.1	Q(Btu/h)	36,000	36,000	27,000	18,000	-	17,520	33,660	33,660	25,245	16,830	-	16,381	31,950	31,950	23,963	15,975	-	15,549
		W	2,063	2,063	1,547	1,032	-	869	1,969	1,969	1,477	985	-	830	1,899	1,899	1,424	949	-	800
67	19.4	Q(Btu/h)	36,240	36,240	27,180	18,120	-	17,637	33,900	33,900	25,425	16,950	-	16,498	32,190	32,190	24,143	16,095	-	15,666
		W	2,026	2,026	1,519	1,013	-	853	1,932	1,932	1,449	966	-	814	1,861	1,861	1,396	931	-	784

\* It may not reach the above capacities in low ambient temperatures.



**TPEADA30AA80A**  
**NTXSKH30A112AA**  
**2) HEATING**

**Rated**  
 Q(Btu/h): 32,000  
 W: 2,740

Indoor D.B.			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
65	18.3	Q(Btu/h)	43,394	40,842	30,631	20,421	-	18,762	44,652	42,026	31,519	21,013	-	19,306	46,080	43,370	32,527	21,685	-	19,923
		W	3,969	3,589	2,692	1,795	-	1,284	3,697	3,370	2,528	1,685	-	1,205	3,485	3,151	2,363	1,576	-	1,127
60	15.6	Q(Btu/h)	40,970	38,560	28,920	19,280	-	17,714	42,228	39,744	29,808	19,872	-	18,257	43,656	41,088	30,816	20,544	-	18,875
		W	3,818	3,452	2,589	1,726	-	1,235	3,545	3,233	2,425	1,617	-	1,156	3,333	3,014	2,261	1,507	-	1,078
55	12.8	Q(Btu/h)	38,250	36,000	27,000	18,000	-	16,538	39,508	37,184	27,888	18,592	-	17,081	40,936	38,528	28,896	19,264	-	17,699
		W	3,666	3,343	2,507	1,671	-	1,196	3,394	3,124	2,343	1,562	-	1,117	3,182	2,904	2,178	1,452	-	1,039
50	10.0	Q(Btu/h)	35,972	33,856	25,392	16,928	-	15,553	37,230	35,040	26,280	17,520	-	16,097	38,658	36,384	27,288	18,192	-	16,714
		W	3,515	3,192	2,394	1,596	-	1,142	3,242	2,973	2,230	1,486	-	1,063	3,030	2,754	2,065	1,377	-	985
45	7.2	Q(Btu/h)	31,520	31,360	23,520	15,680	-	14,406	32,800	32,544	24,408	16,272	-	14,950	34,080	33,888	25,416	16,944	-	15,567
		W	3,363	3,014	2,261	1,507	-	1,078	3,091	2,795	2,096	1,397	-	1,000	2,879	2,576	1,932	1,288	-	921
40	4.4	Q(Btu/h)	30,720	26,240	19,680	13,120	-	12,054	32,000	27,424	20,568	13,712	-	12,598	33,280	28,768	21,576	14,384	-	13,215
		W	3,272	2,767	2,076	1,384	-	990	3,000	2,603	1,952	1,302	-	931	2,788	2,411	1,808	1,206	-	862
35	1.7	Q(Btu/h)	30,720	22,720	17,040	11,360	-	10,437	32,000	25,280	18,960	12,640	-	11,613	33,280	26,880	20,160	13,440	-	12,348
		W	3,488	2,608	1,956	1,304	-	933	3,327	2,444	1,833	1,222	-	874	3,112	2,252	1,689	1,126	-	806
30	-1.1	Q(Btu/h)	30,720	21,760	16,320	10,880	-	9,996	32,000	22,912	17,184	11,456	-	10,525	33,280	23,872	17,904	11,936	-	10,966
		W	4,105	2,378	1,784	1,189	-	851	3,944	2,214	1,660	1,107	-	792	3,729	2,022	1,517	1,011	-	723
25	-3.9	Q(Btu/h)	30,720	20,800	15,600	10,400	-	9,555	32,000	21,952	16,464	10,976	-	10,084	33,280	22,912	17,184	11,456	-	10,525
		W	4,453	2,069	1,552	1,034	-	740	4,293	1,904	1,428	952	-	681	4,078	1,713	1,284	856	-	613
20	-6.7	Q(Btu/h)	30,720	19,840	14,880	9,920	-	9,114	32,000	20,992	15,744	10,496	-	9,643	33,280	21,952	16,464	10,976	-	10,084
		W	4,695	2,028	1,521	1,014	-	725	4,534	1,863	1,397	932	-	666	4,319	1,671	1,254	836	-	598
15	-9.4	Q(Btu/h)	30,720	19,360	14,520	9,680	-	8,894	32,000	20,512	15,384	10,256	-	9,423	33,280	21,472	16,104	10,736	-	9,864
		W	4,910	1,932	1,449	966	-	691	4,749	1,767	1,325	884	-	632	4,534	1,576	1,182	788	-	564
10	-12.2	Q(Btu/h)	30,720	18,624	13,968	9,312	-	8,555	32,000	19,776	14,832	9,888	-	9,085	33,280	20,736	15,552	10,368	-	9,526
		W	5,044	1,786	1,340	893	-	639	4,883	1,622	1,217	811	-	580	4,668	1,430	1,073	715	-	512
5	-15.0	Q(Btu/h)	30,720	18,224	13,668	9,112	-	8,372	32,000	19,376	14,532	9,688	-	8,901	33,280	20,336	15,252	10,168	-	9,342
		W	5,151	1,780	1,335	890	-	637	4,990	1,616	1,212	808	-	578	4,775	1,424	1,068	712	-	509
0	-17.8	Q(Btu/h)	28,960	17,920	13,440	8,960	-	8,232	30,240	19,072	14,304	9,536	-	8,761	31,520	20,032	15,024	10,016	-	9,202
		W	5,205	1,784	1,338	892	-	638	5,044	1,620	1,215	810	-	579	4,829	1,428	1,071	714	-	511
-4	-20.0	Q(Btu/h)	27,488	17,728	13,296	8,864	-	8,144	28,768	18,880	14,160	9,440	-	8,673	30,048	19,840	14,880	9,920	-	9,114
		W	5,231	1,766	1,325	883	-	632	5,071	1,602	1,202	801	-	573	4,856	1,410	1,058	705	-	504
-13	-25.0	Q(Btu/h)	24,320	17,561	13,171	8,780	-	8,067	25,600	18,713	14,035	9,356	-	8,596	26,880	19,673	14,755	9,836	-	9,037
		W	5,258	1,738	1,304	869	-	622	5,097	1,574	1,181	787	-	563	4,883	1,382	1,037	691	-	494

\* Above data is for heating operation without any frost.

**TPEADA36AA80A**  
**NTXSKH36A112AA**  
**1) COOLING**

**Rated**  
 Q(Btu/h): 33,000  
 W: 2,490

Indoor W.B. Outdoor D.B. (°F) (°C)	71°F / 21.7°C							67°F / 19.4°C							63°F / 17.2°C						
	Max	Rated	75%	50%	25%	Min		Max	Rated	75%	50%	25%	Min		Max	Rated	75%	50%	25%	Min	
115 46.1 Q(Btu/h)	36,288	33,264	24,948	16,632	-	15,725		33,480	30,690	23,018	15,345	-	14,508		31,428	28,809	21,607	14,405	-	13,619	
W	3,477	3,038	2,278	1,519	-	1,366		3,363	2,938	2,204	1,469	-	1,322		3,278	2,864	2,148	1,432	-	1,288	
110 43.3 Q(Btu/h)	38,124	34,947	26,210	17,474	-	16,520		35,316	32,373	24,280	16,187	-	15,304		33,264	30,492	22,869	15,246	-	14,414	
W	3,300	2,883	2,163	1,442	-	1,297		3,186	2,784	2,088	1,392	-	1,252		3,101	2,709	2,032	1,355	-	1,219	
105 40.6 Q(Btu/h)	38,916	35,673	26,755	17,837	-	16,864		36,108	33,099	24,824	16,550	-	15,647		34,056	31,218	23,414	15,609	-	14,758	
W	3,189	2,786	2,090	1,393	-	1,253		3,075	2,687	2,015	1,343	-	1,208		2,990	2,612	1,959	1,306	-	1,175	
100 37.8 Q(Btu/h)	39,960	36,630	27,473	18,315	-	17,316		37,152	34,056	25,542	17,028	-	16,099		35,100	32,175	24,131	16,088	-	15,210	
W	3,035	2,652	1,989	1,326	-	1,193		2,921	2,552	1,914	1,276	-	1,148		2,836	2,478	1,858	1,239	-	1,114	
95 35.0 Q(Btu/h)	40,824	37,422	28,067	18,711	-	17,690		38,016	34,848	26,136	17,424	-	16,474		35,964	32,967	24,725	16,484	-	15,584	
W	2,913	2,545	1,909	1,272	-	1,145		2,799	2,445	1,834	1,223	-	1,100		2,713	2,370	1,778	1,185	-	1,066	
90 32.2 Q(Btu/h)	41,400	37,950	28,463	18,975	-	17,940		38,592	35,376	26,532	17,688	-	16,723		36,540	33,495	25,121	16,748	-	15,834	
W	2,822	2,465	1,849	1,233	-	1,109		2,708	2,366	1,774	1,183	-	1,064		2,622	2,291	1,718	1,145	-	1,030	
85 29.4 Q(Btu/h)	41,832	38,346	28,760	19,173	-	18,127		39,024	35,772	26,829	17,886	-	16,910		36,972	33,891	25,418	16,946	-	16,021	
W	2,736	2,390	1,793	1,195	-	1,075		2,622	2,291	1,718	1,145	-	1,030		2,537	2,216	1,662	1,108	-	997	
80 26.7 Q(Btu/h)	42,480	38,940	29,205	19,470	-	18,408		39,672	36,366	27,275	18,183	-	17,191		37,620	34,485	25,864	17,243	-	16,302	
W	2,645	2,311	1,733	1,155	-	1,039		2,531	2,211	1,658	1,106	-	995		2,445	2,136	1,602	1,068	-	961	
75 23.9 Q(Btu/h)	42,948	39,369	29,527	19,685	-	18,611		40,140	36,795	27,596	18,398	-	17,394		38,088	34,914	26,186	17,457	-	16,505	
W	2,565	2,241	1,681	1,121	-	1,008		2,451	2,141	1,606	1,071	-	963		2,366	2,067	1,550	1,033	-	930	
70 21.1 Q(Btu/h)	43,200	39,600	29,700	19,800	-	18,720		40,392	37,026	27,770	18,513	-	17,503		38,340	35,145	26,359	17,573	-	16,614	
W	2,502	2,186	1,640	1,093	-	983		2,388	2,087	1,565	1,043	-	939		2,303	2,012	1,509	1,006	-	905	
67 19.4 Q(Btu/h)	43,488	39,864	29,898	19,932	-	18,845		40,680	37,290	27,968	18,645	-	17,628		38,628	35,409	26,557	17,705	-	16,739	
W	2,457	2,146	1,610	1,073	-	965		2,343	2,047	1,535	1,023	-	921		2,257	1,972	1,479	986	-	887	

\* It may not reach the above capacities in low ambient temperatures.

**TPEADA36AA80A**  
**NTXSKH36A112AA**  
**2) HEATING**

**Rated**  
**Q(Btu/h): 37,000**  
**W: 2,940**

Indoor D.B.			77°F / 25.0°C					68°F / 20.0°C					59°F / 15.0°C							
Outdoor W.B.			Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min	Max	Rated	75%	50%	25%	Min
(°F)	(°C)																			
65	18.3	Q(Btu/h)	51,052	47,223	35,417	23,612	-	22,208	52,532	48,592	36,444	24,296	-	22,851	54,212	50,146	37,610	25,073	-	23,582
		W	4,271	3,851	2,889	1,926	-	1,376	3,977	3,616	2,712	1,808	-	1,292	3,749	3,381	2,536	1,691	-	1,208
60	15.6	Q(Btu/h)	48,200	44,585	33,439	22,293	-	20,967	49,680	45,954	34,466	22,977	-	21,611	51,360	47,508	35,631	23,754	-	22,342
		W	4,108	3,704	2,778	1,852	-	1,323	3,814	3,469	2,602	1,735	-	1,239	3,586	3,234	2,426	1,617	-	1,155
55	12.8	Q(Btu/h)	45,000	41,625	31,219	20,813	-	19,575	46,480	42,994	32,246	21,497	-	20,219	48,160	44,548	33,411	22,274	-	20,950
		W	3,945	3,587	2,690	1,793	-	1,281	3,651	3,352	2,514	1,676	-	1,197	3,423	3,116	2,337	1,558	-	1,113
50	10.0	Q(Btu/h)	42,320	39,146	29,360	19,573	-	18,409	43,800	40,515	30,386	20,258	-	19,053	45,480	42,069	31,552	21,035	-	19,784
		W	3,782	3,425	2,569	1,713	-	1,223	3,488	3,190	2,392	1,595	-	1,139	3,260	2,955	2,216	1,477	-	1,055
45	7.2	Q(Btu/h)	36,445	36,260	27,195	18,130	-	17,052	37,925	37,629	28,222	18,815	-	17,696	39,405	39,183	29,387	19,592	-	18,427
		W	3,619	3,234	2,426	1,617	-	1,155	3,325	2,999	2,249	1,499	-	1,071	3,097	2,764	2,073	1,382	-	987
40	4.4	Q(Btu/h)	35,520	30,340	22,755	15,170	-	14,268	37,000	31,709	23,782	15,855	-	14,912	38,480	33,263	24,947	16,632	-	15,643
		W	3,521	2,969	2,227	1,485	-	1,061	3,227	2,793	2,095	1,397	-	998	2,999	2,587	1,940	1,294	-	924
35	1.7	Q(Btu/h)	35,520	26,270	19,703	13,135	-	12,354	37,000	29,230	21,923	14,615	-	13,746	38,480	31,080	23,310	15,540	-	14,616
		W	3,973	2,799	2,099	1,399	-	1,000	3,790	2,622	1,967	1,311	-	937	3,545	2,417	1,813	1,208	-	863
30	-1.1	Q(Btu/h)	35,520	25,160	18,870	12,580	-	11,832	37,000	26,492	19,869	13,246	-	12,458	38,480	27,602	20,702	13,801	-	12,980
		W	4,676	2,552	1,914	1,276	-	911	4,493	2,376	1,782	1,188	-	848	4,248	2,170	1,627	1,085	-	775
25	-3.9	Q(Btu/h)	35,520	24,050	18,038	12,025	-	11,310	37,000	25,382	19,037	12,691	-	11,936	38,480	26,492	19,869	13,246	-	12,458
		W	5,073	2,220	1,665	1,110	-	793	4,890	2,043	1,532	1,022	-	730	4,646	1,838	1,378	919	-	656
20	-6.7	Q(Btu/h)	35,520	22,940	17,205	11,470	-	10,788	37,000	24,272	18,204	12,136	-	11,414	38,480	25,382	19,037	12,691	-	11,936
		W	5,348	2,176	1,632	1,088	-	777	5,165	1,999	1,499	1,000	-	714	4,921	1,793	1,345	897	-	641
15	-9.4	Q(Btu/h)	35,520	22,385	16,789	11,193	-	10,527	37,000	23,717	17,788	11,859	-	11,153	38,480	24,827	18,620	12,414	-	11,675
		W	5,593	2,073	1,555	1,036	-	740	5,410	1,896	1,422	948	-	677	5,165	1,691	1,268	845	-	604
10	-12.2	Q(Btu/h)	35,520	21,534	16,151	10,767	-	10,127	37,000	22,866	17,150	11,433	-	10,753	38,480	23,976	17,982	11,988	-	11,275
		W	5,746	1,917	1,438	958	-	685	5,562	1,740	1,305	870	-	622	5,318	1,535	1,151	767	-	548
5	-15.0	Q(Btu/h)	35,520	21,072	15,804	10,536	-	9,909	37,000	22,404	16,803	11,202	-	10,536	38,480	23,514	17,635	11,757	-	11,058
		W	5,868	1,910	1,433	955	-	682	5,685	1,734	1,300	867	-	619	5,440	1,528	1,146	764	-	546
0	-17.8	Q(Btu/h)	33,485	20,720	15,540	10,360	-	9,744	34,965	22,052	16,539	11,026	-	10,370	36,445	23,162	17,372	11,581	-	10,892
		W	5,929	1,915	1,436	957	-	684	5,746	1,738	1,304	869	-	621	5,501	1,532	1,149	766	-	547
-4	-20.0	Q(Btu/h)	31,783	20,498	15,374	10,249	-	9,640	33,263	21,830	16,373	10,915	-	10,266	34,743	22,940	17,205	11,470	-	10,788
		W	5,960	1,895	1,422	948	-	677	5,776	1,719	1,289	859	-	614	5,532	1,513	1,135	757	-	540
-13	-25.0	Q(Btu/h)	28,120	20,305	15,228	10,152	-	9,549	29,600	21,637	16,227	10,818	-	10,175	31,080	22,747	17,060	11,373	-	10,697
		W	5,990	1,865	1,399	933	-	666	5,807	1,689	1,267	844	-	603	5,562	1,483	1,112	742	-	530

\* Above data is for heating operation without any frost.

# **mitsubishi electric trane hvac us llc**

HEAD OFFICE: 1340 SATELLITE BOULEVARD, SUWANEE, GA 30024, USA