

TECHNICAL SPECIFICATIONS

NS4BD-KB Series

R-410A High Efficiency Air Conditioner 13 SEER Residential System 1.5 – 5 Ton Capacity

The NS4BD-KB Series now offers the choice of an air conditioner that uses a more efficient and environmentally friendly refrigerant designated R-410A. The NS4BD-KB Series of air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.



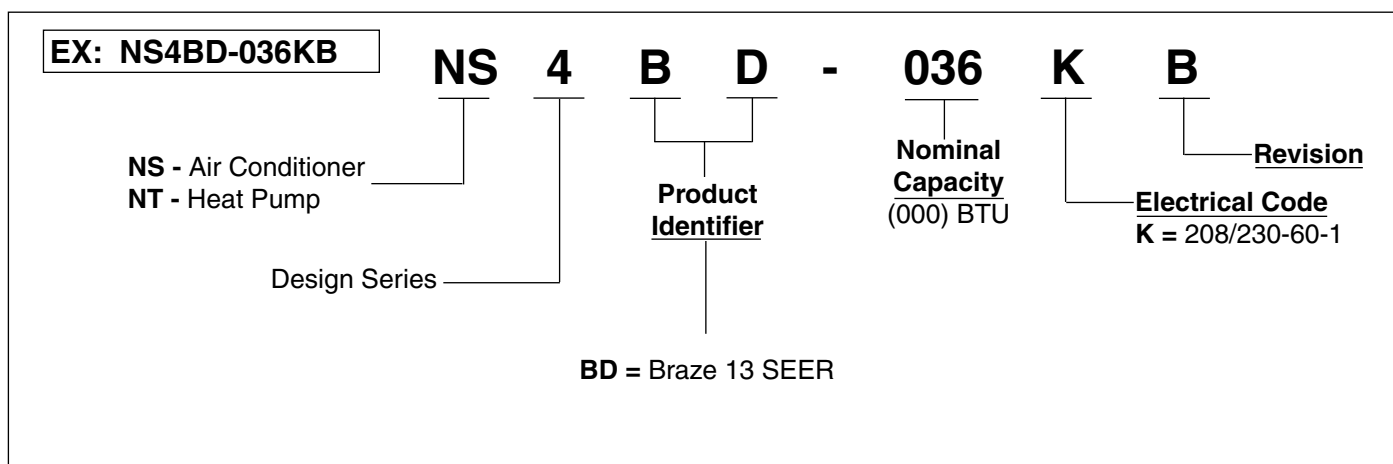
WARRANTY

- This product offers a 10-year all-parts warranty.
- This product offers a 1 Year Quality Pledge to replace the unit if the compressor fails in the first year of operation, to the original owner. All split system products must be installed with a matched indoor air handler or indoor coil.
- Consumer product registration required for 10 year All Parts Warranty and Quality Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site listed on the back of this document for warranty details.

FEATURES and BENEFITS

- **R-410A Refrigerant:** Earth friendly non-ozone depleting refrigerant.
- **Designed using galvanized steel:** With a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Composite Base Pan:** Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Permanently Lubricated Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Wire Coil Guard:** Durable and tightly spaced, the wire coil guard protects the coil from yard hazards while the plastic mesh hail guard protects the unit from extreme weather.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter Drier:** Included with unit, field installed.
- **One Piece Top/Orifice:** Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **Micro-Channel Coils:** All aluminum coils in all models which provides high corrosion resistance.

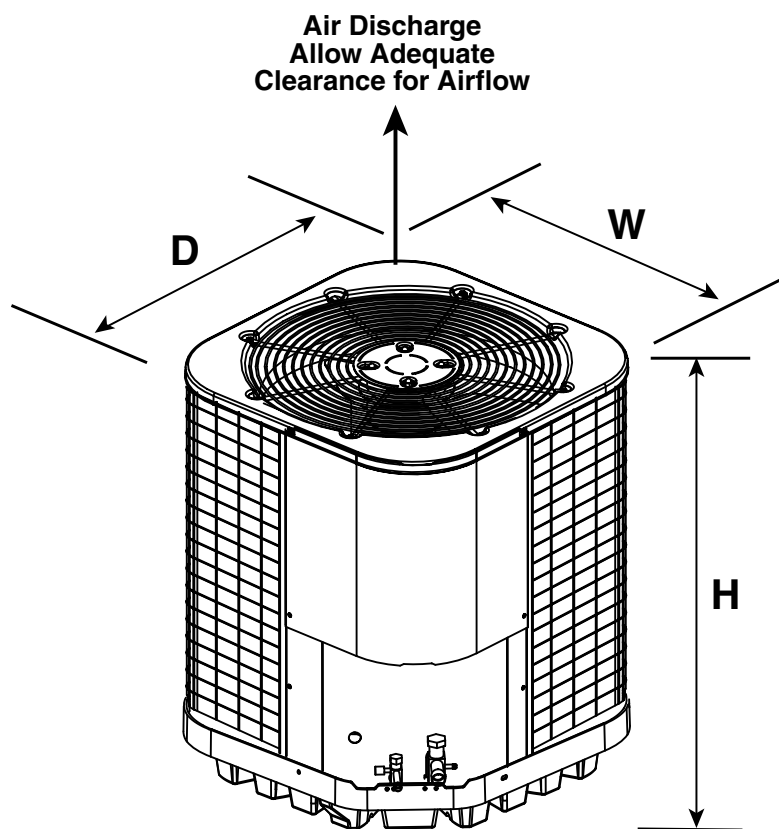
MODEL IDENTIFICATION CODES



DIMENSIONS

AIR CONDITIONER OUTDOOR SECTION

NS4BD	018KB	024KB	030KB	036KB	042KB	048KB	060KB
H	23 1/2	23 1/2	27 1/2	27 1/2	27 1/2	27 1/2	31 1/2
W	22 3/4	22 3/4	22 3/4	22 3/4	30 3/4	30 3/4	30 3/4
D	22 3/4	22 3/4	22 3/4	22 3/4	30 3/4	30 3/4	30 3/4



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

13 SEER — High Efficiency — Single Phase

Model Number NS4BD			018KB	024KB	030KB	036KB	042KB	048KB	060KB	
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	
	Total Amps		9.3	13.5	14.8	18.0	19.4	23.2	27.8	
	Delay Fuse Max. (2)		20	25	30	35	40	50	60	
	Min. Circuit Ampacity		11.6	16.7	18.3	22.2	23.9	28.7	34.4	
Component Data	Coil	Area	8.3	8.3	10.0	10.0	15.3	15.3	17.9	
		Rows-FPI	1-18	1-18	1-18	1-18	1-18	1-18	1-18	
		Tube Dia	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC	
		Amps	0.35	0.7	0.7	1.4	1.5	1.5	1.5	
		HP	0.05	0.1	0.1	0.25	0.25	0.25	0.25	
	Fan Blade	Dia - # Blades	18" - 3	18" - 3	18" - 3	18" - 4	24" - 2	24" - 2	24" - 2	
		SCFM	2600	2800	3000	3000	3500	3500	3800	
	Compressor Data	RLA	9.0	12.8	14.1	16.6	17.9	21.8	26.4	
		LRA	48.0	58.3	73.0	79.0	112.0	117.0	134.0	
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length.		0-24 ft.	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	
		25-39 ft.	3/4"	3/4"	3/4"	3/4"	7/8" (3)	7/8"	7/8"	1-1/8" (4)
		40-75 ft.	3/4"	3/4"	3/4"	3/4"	7/8" (3)	7/8"	7/8"	1-1/8" (4)
Approximate Weight (lbs.)		Net	109	125	138	140	179	179	188	
		Ship	114	130	144	146	187	187	197	
Sound Rating db (6)			72	72	72	75	79	79	79	

(1) Operating Voltage Range: 187v min. — 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 3/4" reducer from line to unit.

(4) Requires 7/8" to 1-1/8" reducer from line to unit.

(5) Additional charge for line sets above 15 feet.

Values based on suction line as follows with 3/8" liquid line.

a) 3/4" = 0.6 oz. per additional foot.

b) 7/8" = 0.7 oz. per additional foot.

c) 1 1/8" = 0.8 oz per additional foot.

(6) Tested in compliance with AHRI 270-2008 but not listed with AHRI

ACCESSORIES - Condensing Unit

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Extreme Wind Condition Mounting Kit - 920900

SYSTEM COOLING CAPACITIES

13 SEER — High Efficiency — Single Phase

Outdoor Unit Model Number NS4BD-	Indoor Unit + TDR	BTUH	SEER	EER	SCFM
018KB	C6B(A,H)-X24(C,U)-A	18000	13	12	530
018KB	C6B(A,H)-X24(C,U)-B	18000	13	11	600
024KB	C6B(A,H)-X24(C,U)-(A,B)	24000	13	11.5	700
030KB	C6B(A,H)-X30(C,U)-(A,B)	28600	13	11	950
030KB	C6B(A,H)-X30(C,U)-C	28600	13	11.5	1000
036KB	C6B(A,H)-X35(C,U)-(A,B)	34600	13	11.5	950
036KB	C6B(A,H)-X36(C,U)-(B,C)	35600	13	11.3	1100
042KB	C6B(A,H)-X42(C,U)-(B,C,D)	40500	13	11.0	1250
048KB	C6B(A,H)-X47 (C,U)-C	46500	13	11.0	1600
048KB	C6B(A,H)-X48(C,U)-(C,D)	46500	13	11.0	1600
060KB	C6B(A,H)-X60(C,U)-(C,D)	55000	13	10.9	1600

SYSTEM COOLING CAPACITIES

13 SEER — High Efficiency — Single Phase

Outdoor Unit Model Number NS4BD-	Indoor Unit + TDR	BTUH	SEER	EER	SCFM
018KB	GB5BMM024K-A	17,500	13.00	11.00	555
018KB	GB5BMM024K-B	17,500	13.00	11.00	550
024KB	GB5BMM024K-A	23,000	13.00	11.00	700
024KB	GB5BMM024K-B	23,000	13.00	11.00	715
030KB	GB5BMM030K-A	28,800	13.00	10.90	1125
030KB	GB5BMM030K-B	28,400	13.00	11.00	890
036KB	GB5BMM036K-B	35,000	13.00	10.90	1160
042KB	GB5BMM042K-B	40,000	13.00	11.00	1370
048KB	GB5BMM048K-B	46,500	13.00	11.00	1355
048KB	GB5BMM048K-C	47,500	13.00	11.00	1630
060KB	GB5BMM060K-C	57,500	13.00	11.00	1950

Outdoor Unit Model Number NS4BD-	Indoor Unit	BTUH	SEER	EER	SCFM
018KB	GB5BM-024K-(A,B) + TXV Kit - 2.0	18000	13	11.5	675
024KB	GB5BM-024K-(A,B) + TXV Kit - 2.0	24000	13	11.5	700
030KB	GB5BM-030K-(A,B) + TXV Kit - 2.5	29400	13	11.5	950
036KB	GB5BM-036K-B + TXV Kit - 3.0	34600	13	11.5	950
042KB	GB5BM-042K-B + TXV Kit - 3.5	40500	13	11.0	1250
048KB	GB5BM-048K-C + TXV Kit - 4.0	46500	13	11.0	1600
060KB	GB5BM-060K-C + TXV Kit - 5.0	55500	13	10.9	1600

Outdoor Unit Model Number NS4BD-	Indoor Unit	BTUH	SEER	EER	SCFM
018KB	B5BM-X24K-(A,B)	18000	13	11.5	675
024KB	B5BM-X24K-(A,B)	24000	13	11.5	700
030KB	B5BM-X30K-(A,B)	29400	13	11.5	950
036KB	B5BM-X36K-(A,B)	34600	13	11.5	950
042KB	B5BM-X42K-B	40500	13	11.0	1250
048KB	B5BM-X48K-(B,C)	46500	13	11.0	1600
060KB	B5BM-X60K-C	55500	13	10.9	1600

See current AHRI Directory for certified combinations and ratings.

All ratings are with time delay relay.

www.ahridirectory.org

14 SEER — High Efficiency — Single Phase

Outdoor Unit Model Number NS4BD-	Indoor Unit	BTUH	SEER	EER	SCFM
018KB	B4VM-X24K-(A,B)	18400	14	12.5	550
024KB	B4VM-X24K-(A,B)	24400	14	12.5	700
030KB	B4VM-X30K-(A,B)	30000	14	12.5	950
036KB	B4VM-X36K-B	35200	14	12.5	950
042KB	B4VM-X48K-(B,C)	41000	14	12.0	1250
048KB	B4VM-X48K-C	48000	14	12.0	1400
060KB	B4VM-X60K-C	55500	13.5	11.0	1600

See current AHRI Directory for certified combinations and ratings.

All ratings are with time delay relay.

www.ahridirectory.org

COOLING EXPANDED RATINGS

NS4BD-018KB with C6B(A,H)-X24(C,U)-(A,B)+TDR
 NS4BD-018KB with C6B(A,H)-X24(C,U)-(A,B)+MB6B(*)-(A,B)
 NS4BD-018KB with B5BMX24K-(A,B), or GB5BM-024K-(A,B) + TXV Kit

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
475	80	62	18.7	15.2	1.27	17.8	14.9	1.41	16.9	14.6	1.57	15.8	14.4	1.75	14.7	13.8	1.96
	80	67	20.3	12.9	1.27	19.4	12.6	1.42	18.3	12.1	1.58	17.2	11.6	1.77	15.9	11.1	1.97
	80	72	22.4	10.5	1.28	21.3	10.2	1.43	20.1	9.7	1.60	18.8	9.3	1.78	17.2	8.8	1.98
	75	63	18.8	12.6	1.27	18.0	12.2	1.41	17.0	11.7	1.58	15.9	11.3	1.76	14.8	10.7	1.96
525	80	62	19.0	16.0	1.29	18.2	15.7	1.43	17.2	15.6	1.59	16.1	15.2	1.78	15.0	14.7	1.98
	80	67	20.7	13.5	1.29	19.7	13.1	1.44	18.6	12.7	1.60	17.4	12.2	1.79	16.1	11.6	1.99
	80	72	22.7	10.9	1.30	21.6	10.5	1.45	20.2	10.1	1.62	18.9	9.6	1.80	17.4	9.1	2.00
	75	63	19.2	13.1	1.29	18.3	12.7	1.43	17.3	12.3	1.60	16.2	11.8	1.78	15.0	11.2	1.98
575	80	62	19.2	17.1	1.32	18.5	16.7	1.45	17.5	16.3	1.62	16.4	16.1	1.80	15.2	15.2	2.00
	80	67	21.0	14.1	1.31	20.0	13.7	1.46	18.9	13.2	1.63	17.7	12.7	1.81	16.3	12.2	2.01
	80	72	22.8	11.3	1.32	21.6	10.9	1.47	20.4	10.5	1.64	19.1	10.0	1.82	17.6	9.4	2.03
	75	63	19.5	13.6	1.31	18.6	13.3	1.45	17.5	12.8	1.62	16.4	12.3	1.80	15.2	11.7	2.00

NS4BD-024KB with C6B(A,H)-X24(C,U)-(A,B)+TDR
 NS4BD-024KB with C6B(A,H)-X24(C,U)-(A,B)+MB6B(*)-(A,B)
 NS4BD-024KB with B5BM-X24K-(A,B), or GB5BM-024K-(A,B) + TXV Kit

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
600	80	62	24.2	19.5	1.66	23.1	19.1	1.85	22.0	18.8	2.06	20.7	18.6	2.30	19.3	17.9	2.57
	80	67	26.3	16.6	1.67	25.0	16.1	1.87	23.8	15.6	2.08	22.4	15.0	2.32	20.9	14.4	2.59
	80	72	28.9	13.5	1.68	27.6	13.1	1.88	26.2	12.6	2.10	24.7	12.0	2.34	22.9	11.5	2.61
	75	63	24.4	16.2	1.67	23.3	15.7	1.86	22.2	15.2	2.07	20.9	14.5	2.31	19.5	13.9	2.58
700	80	62	24.9	21.1	1.70	23.8	20.7	1.90	22.6	20.6	2.11	21.3	20.1	2.35	19.9	19.5	2.62
	80	67	27.0	17.8	1.71	25.7	17.3	1.91	24.4	16.7	2.12	23.0	16.1	2.36	21.4	15.5	2.63
	80	72	29.5	14.3	1.72	28.1	13.8	1.93	26.5	13.3	2.14	24.7	12.7	2.38	23.0	12.1	2.65
	75	63	25.1	17.2	1.71	23.9	16.7	1.90	22.7	16.2	2.11	21.4	15.6	2.35	19.9	14.9	2.62
800	80	62	25.3	23.0	1.76	24.3	22.4	1.94	23.1	22.0	2.15	21.8	21.6	2.39	20.4	20.4	2.66
	80	67	27.5	18.9	1.75	26.2	18.4	1.95	24.8	17.8	2.16	23.3	17.2	2.40	21.7	16.5	2.67
	80	72	29.7	15.0	1.76	28.2	14.5	1.96	26.7	14.0	2.18	25.1	13.4	2.42	23.4	12.7	2.69
	75	63	25.7	18.3	1.75	24.4	17.8	1.94	23.1	17.2	2.15	21.7	16.6	2.39	20.2	15.9	2.66

NS4BD-030KB with C6B(A,H)-X30(C,U)-(A,B,C)+TDR
 NS4BD-030KB with C6B(A,H)-X30(C,U)-(A,B,C)+MB6B(*)-(A,B,C)
 NS4BD-030KB with B5BM-X30K-(A,B), or GB5BM-030K-(A,B) + TXV Kit

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
850	80	62	29.8	25.6	2.02	28.5	25.1	2.26	26.9	24.6	2.50	25.3	24.3	2.79	23.5	23.2	3.11
	80	67	32.4	21.5	2.03	30.8	20.9	2.27	29.2	20.2	2.52	27.3	19.5	2.80	25.2	18.6	3.12
	80	72	35.3	17.2	2.05	33.7	16.6	2.29	31.8	16.0	2.53	29.7	15.3	2.82	27.3	14.5	3.14
	75	63	30.1	20.9	2.03	28.7	20.3	2.26	27.1	19.6	2.51	25.4	18.8	2.79	23.5	18.0	3.11
950	80	62	30.4	27.1	2.06	29.0	26.6	2.30	27.5	26.3	2.54	25.8	25.5	2.83	24.1	24.1	3.15
	80	67	32.9	22.6	2.07	31.3	22.0	2.31	29.6	21.3	2.56	27.7	20.6	2.84	25.6	19.7	3.16
	80	72	35.7	17.9	2.08	34.0	17.4	2.33	32.0	16.7	2.57	29.9	16.0	2.86	27.6	15.2	3.18
	75	63	30.6	21.9	2.07	29.2	21.3	2.30	27.6	20.6	2.55	25.7	19.8	2.83	23.8	19.0	3.15
1050	80	62	30.8	28.9	2.12	29.5	28.2	2.34	28.0	27.4	2.58	26.4	26.4	2.87	24.7	24.7	3.19
	80	67	33.3	23.8	2.12	31.7	23.1	2.35	29.9	22.4	2.60	28.0	21.6	2.88	25.8	20.8	3.20
	80	72	36.1	18.7	2.13	34.2	18.1	2.37	32.3	17.4	2.62	30.2	16.7	2.90	27.8	15.8	3.22
	75	63	31.1	23.0	2.11	29.5	22.4	2.34	27.9	21.6	2.59	26.0	20.8	2.87	24.0	19.9	3.19

NS4BD-036KB with C6B(A,H)-X36(C,U)-(B,C)+TDR
 NS4BD-036KB with C6B(A,H)-X36(C,U)-(B,C)+MB6B(*)-(B,C)
 NS4BD-036KB with B5BM-X36K-(A,B), or GB5BM-036K-B + TXV Kit

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1000	80	62	36.7	31.0	2.52	35.0	30.4	2.81	33.1	29.8	3.11	31.0	29.4	3.46	28.7	28.2	3.85
	80	67	39.9	26.2	2.53	38.0	25.4	2.83	35.9	24.6	3.13	33.6	23.6	3.47	31.1	22.6	3.87
	80	72	43.7	21.0	2.55	41.7	20.3	2.86	39.4	19.5	3.16	36.7	18.6	3.50	33.9	17.6	3.89
	75	63	37.1	25.4	2.53	35.4	24.6	2.81	33.4	23.8	3.11	31.2	22.8	3.46	28.9	21.8	3.85
1100	80	62	37.3	32.6	2.56	35.6	32.0	2.85	33.7	31.7	3.15	31.5	30.9	3.50	29.4	29.4	3.89
	80	67	40.5	27.3	2.57	38.6	26.6	2.87	36.4	25.7	3.17	34.0	24.8	3.52	31.4	23.7	3.91
	80	72	44.3	21.7	2.59	42.2	21.0	2.90	39.7	20.2	3.20	37.0	19.3	3.54	34.0	18.4	3.93
	75	63	37.7	26.5	2.57	35.9	25.8	2.86	33.9	24.9	3.15	31.6	23.9	3.50	29.2	22.8	3.89
1200	80	62	37.7	34.7	2.63	36.2	33.9	2.89	34.2	33.1	3.19	32.1	32.1	3.54	30.0	30.0	3.93
	80	67	41.1	28.5	2.62	39.1	27.8	2.91	36.8	26.9	3.21	34.4	25.9	3.56	31.7	24.8	3.95
	80	72	44.7	22.5	2.64	42.5	21.8	2.94	39.9	21.0	3.24	37.2	20.0	3.58	34.3	19.0	3.97
	75	63	38.2	27.6	2.61	36.4	26.8	2.90	34.3	25.9	3.20	32.0	24.9	3.54	29.5	23.9	3.93

COOLING EXPANDED RATINGS (CONTINUED)

NS4BD-042KB with C6B(A,H)-X42(C,U)-(B,C,D)+TDR

NS4BD-042KB with C6B(A,H)-X42(C,U)-(B,C)+MB6B(*)-(B,C)

NS4BD-042KB with B5BM-X42K-B, or GB5BM-042K-B + TXV Kit

CFM	O.D.T		75°F			85°F			95°F			105°F			115°F		
	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1150	80	62	41.2	34.9	2.78	39.3	34.2	3.10	37.2	33.5	3.44	35.0	33.1	3.82	32.6	31.8	4.25
	80	67	44.7	29.3	2.78	42.5	28.5	3.11	40.3	27.5	3.44	37.7	26.5	3.83	35.1	25.4	4.27
	80	72	48.6	23.6	2.79	46.4	22.8	3.12	43.7	21.9	3.45	40.6	20.9	3.84	37.8	19.9	4.27
	75	63	41.6	28.5	2.79	39.6	27.7	3.10	37.5	26.7	3.44	35.2	25.7	3.83	32.7	24.6	4.26
1250	80	62	41.8	36.4	2.82	39.9	35.7	3.14	37.8	35.4	3.47	35.5	34.5	3.86	33.1	33.1	4.30
	80	67	45.2	30.4	2.82	43.1	29.6	3.15	40.7	28.6	3.48	38.1	27.5	3.87	35.4	26.4	4.31
	80	72	48.9	24.3	2.83	46.5	23.5	3.16	43.8	22.6	3.49	41.0	21.6	3.88	38.1	20.5	4.31
	75	63	42.1	29.6	2.82	40.2	28.7	3.14	37.9	27.7	3.48	35.5	26.7	3.86	33.0	25.5	4.30
1350	80	62	42.1	38.5	2.88	40.4	37.5	3.17	38.3	36.7	3.51	36.0	35.9	3.90	33.7	33.7	4.34
	80	67	45.7	31.5	2.86	43.5	30.7	3.18	41.1	29.7	3.52	38.4	28.6	3.91	35.7	27.5	4.34
	80	72	49.3	25.0	2.87	46.8	24.2	3.20	44.2	23.3	3.53	41.3	22.2	3.92	38.3	21.1	4.35
	75	63	42.6	30.6	2.87	40.6	29.7	3.18	38.3	28.7	3.52	35.8	27.6	3.90	33.2	26.5	4.34

NS4BD-048KB with C6B(A,H)-X48(C,U)-C+TDR

NS4BD-048KB with C6B(A,H)-X48(C,U)-C+MB6B(*)-C

NS4BD-048KB with B5BM-X48K-(B,C), or GB5BM-048K-C + TXV Kit

CFM	O.D.T		75°F			85°F			95°F			105°F			115°F		
	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1300	80	62	48.6	40.7	3.30	46.3	39.9	3.68	43.8	39.2	4.09	41.0	38.7	4.57	38.1	37.2	5.11
	80	67	52.7	34.3	3.31	50.2	33.3	3.70	47.5	32.2	4.10	44.4	31.0	4.58	41.1	29.7	5.12
	80	72	57.5	27.4	3.32	54.8	26.5	3.71	51.8	25.5	4.12	48.4	24.3	4.59	44.7	23.1	5.13
	75	63	49.1	33.4	3.31	46.8	32.4	3.68	44.3	31.3	4.09	41.4	30.1	4.57	38.3	28.8	5.12
1400	80	62	49.2	42.4	3.34	46.9	41.6	3.72	44.3	41.2	4.13	41.5	40.2	4.61	38.6	38.6	5.15
	80	67	53.3	35.5	3.34	50.8	34.5	3.73	48.0	33.4	4.14	44.8	32.1	4.62	41.5	30.8	5.16
	80	72	58.1	28.2	3.36	55.3	27.3	3.75	52.2	26.2	4.16	48.7	25.1	4.63	45.0	23.9	5.17
	75	63	49.7	34.5	3.35	47.4	33.6	3.72	44.7	32.4	4.13	41.8	31.2	4.61	38.7	29.8	5.16
1500	80	62	49.4	44.7	3.41	47.5	43.6	3.75	44.9	42.7	4.16	42.1	41.9	4.65	39.3	39.3	5.19
	80	67	53.9	36.6	3.40	51.3	35.7	3.77	48.4	34.5	4.18	45.2	33.3	4.65	41.8	32.0	5.20
	80	72	58.7	29.0	3.40	55.7	28.1	3.79	52.5	27.0	4.19	49.0	25.8	4.67	45.2	24.6	5.20
	75	63	50.3	35.6	3.39	47.8	34.7	3.76	45.1	33.5	4.17	42.2	32.2	4.65	38.9	30.9	5.19

NS4BD-060KB with C6B(A,H)-X60(C,U)-C+TDR

NS4BD-060KB with C6B(A,H)-X60(C,U)-C+MB6B(*)-C

NS4BD-060KB with B5BM-X60K-C, or GB5BM-060K-C + TXV Kit

CFM	O.D.T		75°F			85°F			95°F			105°F			115°F		
	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1500	80	62	58.9	47.3	4.03	56.2	46.4	4.48	53.3	45.5	4.97	50.2	44.9	5.52	46.5	42.8	6.17
	80	67	63.6	40.3	4.05	60.6	39.1	4.52	57.5	37.7	5.02	54.1	36.1	5.58	49.9	34.3	6.23
	80	72	69.7	33.0	4.09	66.4	31.9	4.58	62.6	30.6	5.08	58.2	29.2	5.63	53.2	27.4	6.29
	75	63	59.2	39.3	4.03	56.5	38.2	4.49	53.6	36.8	4.98	50.5	35.1	5.53	46.5	33.3	6.18
1600	80	62	59.6	48.8	4.07	56.9	47.9	4.53	53.9	47.5	5.02	50.8	46.3	5.57	46.9	44.7	6.22
	80	67	64.3	41.4	4.09	61.3	40.2	4.57	58.1	38.6	5.06	54.6	37.1	5.62	50.3	35.2	6.28
	80	72	69.9	33.7	4.14	66.6	32.6	4.62	62.3	31.3	5.11	58.3	29.8	5.67	53.5	27.9	6.34
	75	63	60.0	40.2	4.08	57.2	39.0	4.54	54.2	37.6	5.02	50.9	36.1	5.57	46.9	34.2	6.23
1700	80	62	59.8	51.2	4.15	57.5	49.9	4.57	54.5	48.9	5.06	51.3	48.2	5.61	47.4	45.9	6.27
	80	67	65.1	42.2	4.15	61.9	41.1	4.61	58.6	39.7	5.11	55.0	38.1	5.66	50.6	36.2	6.32
	80	72	69.8	34.3	4.18	66.3	33.2	4.66	62.6	31.8	5.15	58.7	30.4	5.71	53.9	28.5	6.39
	75	63	60.7	41.2	4.13	57.7	40.0	4.58	54.6	38.6	5.07	51.3	37.0	5.62	47.2	35.1	6.27

COOLING EXPANDED RATINGS

NS4BD-018KB with GB5BMM024K-(A,B)

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
400	80	62	17.3	12.5	1.08	16.6	12.5	1.20	15.9	12.6	1.32	15.1	12.3	1.46	14.16	12.96	1.62	13.16	12.05	1.79
	80	67	19.2	10.5	1.10	18.4	10.4	1.22	17.6	10.5	1.35	16.7	10.2	1.49	15.70	10.04	1.64	14.61	9.13	1.81
	80	72	21.3	8.4	1.13	20.5	8.3	1.25	19.6	8.5	1.38	18.6	8.3	1.52	17.57	8.10	1.68	16.44	8.27	1.86
	75	63	17.6	10.2	1.09	16.9	10.0	1.20	16.1	10.1	1.33	15.3	9.8	1.46	14.33	8.93	1.62	13.30	9.65	1.79
550	80	62	18.7	15.2	1.15	17.9	15.4	1.27	17.1	15.1	1.39	16.2	14.9	1.53	15.31	14.74	1.69	14.44	14.32	1.86
	80	67	20.5	12.2	1.17	19.6	12.6	1.29	18.7	12.2	1.42	17.7	12.1	1.56	16.63	12.03	1.71	15.49	11.95	1.89
	80	72	22.7	9.5	1.21	21.8	9.9	1.33	20.8	9.6	1.46	19.7	9.5	1.60	18.51	9.52	1.76	17.25	9.54	1.94
	75	63	18.8	11.8	1.15	18.0	12.1	1.27	17.2	11.7	1.39	16.2	11.5	1.53	15.22	11.46	1.69	14.18	11.54	1.86
700	80	62	19.7	17.7	1.22	19.0	17.6	1.34	18.2	17.0	1.47	17.4	16.5	1.61	16.49	15.93	1.76	15.49	15.43	1.94
	80	67	21.3	14.0	1.24	20.4	14.1	1.36	19.4	13.8	1.49	18.4	14.0	1.63	17.23	13.84	1.78	16.04	13.84	1.96
	80	72	23.5	10.7	1.28	22.5	10.9	1.40	21.4	10.6	1.53	20.1	10.6	1.67	18.88	10.50	1.83	17.58	10.55	2.00
	75	63	19.6	13.4	1.21	18.8	13.6	1.34	17.9	13.5	1.46	16.9	13.3	1.60	15.82	13.16	1.75	14.66	13.09	1.92

NS4BD-024KB with GB5BMM024K-(A,B)

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
550	80	62	22.6	16.1	1.37	21.8	16.0	1.53	21.0	16.1	1.70	20.1	16.2	1.91	19.05	17.15	2.13	17.84	16.07	2.38
	80	67	24.9	13.5	1.42	24.1	13.4	1.58	23.2	13.6	1.76	22.2	13.4	1.95	21.05	13.15	2.18	19.77	12.03	2.43
	80	72	27.5	10.8	1.49	26.6	10.7	1.66	25.6	11.0	1.83	24.6	10.8	2.04	23.36	10.63	2.27	21.94	10.88	2.54
	75	63	23.0	13.1	1.38	22.2	13.0	1.54	21.4	13.2	1.71	20.4	12.9	1.91	19.33	11.83	2.14	18.07	12.74	2.39
700	80	62	24.0	18.8	1.44	23.1	19.3	1.60	22.2	18.9	1.78	21.2	18.7	1.97	20.13	18.69	2.20	18.90	18.60	2.45
	80	67	26.3	15.1	1.50	25.4	15.6	1.66	24.4	15.2	1.84	23.3	15.1	2.04	22.06	15.11	2.26	20.64	15.07	2.51
	80	72	28.9	11.7	1.58	28.0	12.4	1.75	26.9	12.0	1.93	25.7	11.9	2.13	24.40	12.04	2.36	22.84	12.08	2.63
	75	63	24.3	14.6	1.45	23.4	15.1	1.61	22.5	14.7	1.78	21.4	14.5	1.98	20.24	14.47	2.20	18.95	14.40	2.45
850	80	62	24.9	21.3	1.51	24.1	21.5	1.67	23.2	21.1	1.85	22.2	20.9	2.05	21.36	20.63	2.28	20.21	20.12	2.54
	80	67	27.2	16.8	1.57	26.2	17.0	1.74	25.2	16.7	1.91	24.0	16.6	2.11	22.73	16.55	2.33	21.24	16.61	2.59
	80	72	30.0	12.9	1.66	28.9	13.3	1.83	27.7	12.9	2.01	26.5	13.0	2.21	25.04	12.95	2.45	23.39	13.10	2.72
	75	63	25.1	16.2	1.51	24.2	16.4	1.67	23.2	16.0	1.85	22.1	16.0	2.04	20.88	15.81	2.27	19.53	15.83	2.52

NS4BD-030KB with GB5BMM030K-(A,B)

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
750	80	62	28.4	20.8	1.79	27.4	20.6	1.97	26.3	20.8	2.17	25.2	21.0	2.41	23.85	22.25	2.68	22.38	20.87	2.99
	80	67	31.3	17.3	1.86	30.2	17.2	2.05	29.0	17.4	2.25	27.7	17.1	2.49	26.24	16.83	2.76	24.60	15.51	3.08
	80	72	34.5	13.7	1.95	33.3	13.6	2.14	32.0	13.9	2.35	30.6	13.6	2.59	28.99	13.43	2.88	27.16	13.74	3.22
	75	63	29.0	16.8	1.80	27.9	16.7	1.98	26.8	16.9	2.19	25.5	16.5	2.42	24.15	15.18	2.69	22.62	16.33	3.00
900	80	62	29.7	23.7	1.87	28.6	24.2	2.05	27.4	23.7	2.26	26.2	23.5	2.49	24.79	23.46	2.76	23.51	23.24	3.08
	80	67	32.5	18.8	1.94	31.3	19.4	2.13	30.0	18.9	2.33	28.6	18.8	2.57	27.05	18.79	2.85	25.28	18.74	3.17
	80	72	35.8	14.6	2.03	34.5	15.3	2.22	33.1	14.9	2.44	31.6	14.8	2.69	29.81	14.87	2.98	27.90	14.93	3.31
	75	63	30.0	18.2	1.88	28.9	18.8	2.06	27.7	18.3	2.26	26.4	18.1	2.50	24.93	18.02	2.77	23.30	17.93	3.07
1050	80	62	30.6	26.2	1.94	29.5	26.4	2.13	28.3	25.9	2.33	27.2	25.7	2.58	26.05	25.17	2.86	24.62	24.51	3.19
	80	67	33.4	20.6	2.02	32.1	20.8	2.20	30.7	20.4	2.41	29.3	20.3	2.65	27.65	20.20	2.92	25.78	20.25	3.25
	80	72	36.8	15.9	2.11	35.4	16.3	2.30	33.9	15.8	2.52	32.3	15.8	2.77	30.41	15.76	3.06	28.47	15.97	3.39
	75	63	30.9	19.9	1.95	29.7	20.1	2.13	28.4	19.6	2.34	27.0	19.5	2.57	25.50	19.33	2.84	23.79	19.33	3.15

NS4BD-036KB with GB5BMM036K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1000	80	62	35.4	26.9	2.25	34.2	26.7	2.47	32.7	26.8	2.72	31.1	26.3	3.01	29.31	27.64	3.35	27.16	25.61	3.78
	80	67	39.0	22.4	2.33	37.5	22.3	2.55	36.0	22.5	2.81	34.3	22.1	3.11	32.18	21.67	3.48	30.17	19.73	3.86
	80	72	43.0	17.5	2.43	41.5	17.5	2.67	39.8	17.9	2.94	37.8	17.5	3.25	35.83	17.22	3.59	33.63	17.65	3.97
	75	63	36.0	21.7	2.26	34.6	21.6	2.48	33.2	21.7	2.73	31.5	21.3	3.02	29.62	19.28	3.37	27.46	20.82	3.79
1150	80	62	36.4	28.8	2.32	35.0	29.4	2.55	33.5	28.7	2.80	31.9	28.3	3.09	30.02	27.97	3.45	28.00	27.42	3.86
	80	67	39.9	23.9	2.41	38.5	24.6	2.63	36.8	24.0	2.89	34.9	23.7	3.19	32.94	23.69	3.55	30.80	23.63	3.93
	80	72	44.0	18.5	2.51	42.4	19.4	2.75	40.5	18.8	3.02	38.6	18.6	3.32	36.43	18.77	3.67	34.16	18.88	4.06
	75	63	36.9	23.1	2.33	35.5	23.7	2.56	33.9	23.1	2.81	32.3	22.8	3.10	30.27	22.64	3.45	28.05	22.42	3.86
1300	80	62	37.1	30.9	2.39	35.8	31.1	2.62	34.3	30.4	2.87	32.6	30.0	3.16	30.72	29.32	3.53	28.80	28.68	3.93
	80	67	40.6	25.6	2.48	39.1	26.0	2.71	37.4	25.4	2.96	35.5	25.3	3.27	33.46	25.07	3.62	31.29	25.14	4.00
	80	72	44.7	19.8	2.59	43.0	20.3	2.82	41.0	19.7	3.10	39.1	19.7	3.40	36.93	19.63	3.74	34.66	19.88	4.14
	75	63	37.5	24.7	2.40	36.1	25.0	2.63	34.5	24.4	2.88	32.8	24.2	3.17	30.67	23.88	3.53	28.52	23.66	3.92

COOLING EXPANDED RATINGS (Continued)

NS4BD-042KB with GB5BMM042K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1200	80	62	40.5	31.7	2.61	39.1	31.5	2.82	37.6	31.7	3.06	35.8	31.1	3.33	33.79	32.47	3.67	31.65	30.42	4.05
	80	67	44.5	26.3	2.69	42.9	26.2	2.91	41.1	26.5	3.16	39.2	26.0	3.44	37.17	25.58	3.77	34.92	23.46	4.13
	80	72	49.2	20.4	2.79	47.3	20.4	3.02	45.4	20.8	3.28	43.3	20.4	3.57	40.95	20.17	3.90	38.44	20.69	4.27
	75	63	41.1	25.4	2.63	39.6	25.3	2.83	38.0	25.5	3.07	36.2	25.0	3.34	34.19	22.87	3.68	31.92	24.64	4.05
1350	80	62	41.4	33.6	2.69	39.9	34.3	2.89	38.3	33.5	3.14	36.5	33.1	3.41	34.50	32.71	3.75	32.44	32.17	4.13
	80	67	45.3	27.7	2.77	43.6	28.6	2.99	41.8	27.9	3.24	39.8	27.6	3.52	37.72	27.64	3.84	35.45	27.61	4.21
	80	72	50.0	21.4	2.87	48.0	22.4	3.10	46.0	21.8	3.36	43.7	21.6	3.65	41.34	21.77	3.98	38.89	21.89	4.35
	75	63	41.9	26.8	2.70	40.3	27.5	2.91	38.7	26.8	3.15	36.8	26.5	3.42	34.72	26.39	3.76	32.45	26.24	4.13
1500	80	62	42.2	35.8	2.76	40.6	36.0	2.98	38.9	35.1	3.22	37.2	34.7	3.50	35.18	33.99	3.83	33.33	33.19	4.21
	80	67	46.0	29.6	2.84	44.3	30.0	3.06	42.4	29.3	3.32	40.4	29.2	3.60	38.21	29.00	3.92	35.86	29.12	4.29
	80	72	50.5	22.8	2.94	48.5	23.3	3.17	46.4	22.6	3.44	44.2	22.7	3.73	41.80	22.59	4.06	39.23	22.86	4.43
	75	63	42.5	28.5	2.77	40.9	28.8	2.99	39.2	28.1	3.22	37.3	28.0	3.50	35.15	27.66	3.83	32.85	27.49	4.20

NS4BD-048KB with GB5BMM048K-(B,C)

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1200	80	62	47.9	35.0	2.99	45.8	34.6	3.31	43.3	34.4	3.65	40.8	33.6	4.02	37.96	34.66	4.43	36.36	33.20	4.66
	80	67	52.9	29.2	3.07	50.6	28.9	3.39	48.2	29.1	3.72	45.7	28.4	4.09	42.78	27.79	4.52	39.79	25.59	4.98
	80	72	58.4	23.2	3.16	56.1	23.0	3.47	53.5	23.4	3.81	50.7	22.8	4.19	47.77	22.29	4.61	44.56	22.74	5.08
	75	63	48.8	28.4	3.00	46.6	28.0	3.32	44.2	28.0	3.67	41.7	27.3	4.03	38.86	24.30	4.45	35.62	26.38	4.91
1350	80	62	49.1	37.0	3.06	46.9	37.6	3.38	44.4	36.5	3.73	41.8	35.9	4.09	39.01	35.44	4.51	37.45	35.61	4.74
	80	67	54.2	30.8	3.15	51.8	31.7	3.46	49.4	30.7	3.80	46.7	30.3	4.17	43.74	30.13	4.59	40.61	29.94	5.06
	80	72	59.8	24.1	3.24	57.3	25.3	3.55	54.6	24.4	3.89	51.8	24.1	4.27	48.71	24.12	4.69	45.46	24.15	5.17
	75	63	50.0	29.9	3.08	47.7	30.5	3.40	45.3	29.6	3.74	42.7	29.0	4.11	39.85	28.71	4.53	36.52	28.24	4.98
1500	80	62	50.1	39.5	3.14	47.8	39.6	3.46	45.3	38.5	3.80	42.7	38.0	4.16	39.88	37.30	4.58	38.40	37.59	4.81
	80	67	55.3	32.9	3.22	52.9	33.2	3.53	50.3	32.3	3.87	47.5	32.0	4.24	44.44	31.65	4.67	41.21	31.62	5.13
	80	72	60.9	25.7	3.32	58.4	26.2	3.63	55.6	25.3	3.97	52.6	25.3	4.35	49.46	25.08	4.77	46.09	25.32	5.25
	75	63	51.0	31.8	3.16	48.6	32.0	3.48	46.2	31.0	3.81	43.5	30.6	4.18	40.53	30.13	4.60	37.24	29.85	5.06

NS4BD-060KB with GB5BMM060K-C

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1800	80	62	60.2	45.0	3.78	57.6	44.4	4.15	54.8	44.4	4.56	51.9	43.3	5.02	48.66	44.96	5.53	45.11	41.68	6.11
	80	67	65.5	37.5	3.89	62.7	37.0	4.25	59.9	37.2	4.66	56.8	36.3	5.12	53.54	35.45	5.64	50.03	32.06	6.22
	80	72	71.5	30.0	4.02	67.8	29.7	4.36	64.6	30.1	4.77	61.4	29.3	5.23	57.92	28.59	5.75	54.16	28.97	6.33
	75	63	60.5	36.3	3.78	57.8	35.7	4.17	55.1	35.8	4.57	52.1	34.7	5.02	48.80	31.18	5.54	45.15	33.49	6.11
1950	80	62	61.1	46.7	3.85	58.4	47.4	4.23	55.7	45.8	4.64	52.7	45.0	5.09	49.37	44.36	5.61	45.85	43.57	6.18
	80	67	66.4	38.6	3.96	63.6	39.6	4.33	60.7	38.4	4.74	57.6	37.7	5.20	54.22	37.47	5.71	50.60	37.08	6.29
	80	72	71.7	30.7	4.08	68.7	31.9	4.44	65.6	30.8	4.85	62.2	30.3	5.31	58.62	30.21	5.83	54.80	30.06	6.41
	75	63	61.4	37.4	3.86	58.7	38.1	4.24	55.9	36.8	4.64	52.8	36.1	5.09	49.47	35.58	5.61	45.82	34.96	6.18
2100	80	62	61.9	49.0	3.92	59.1	48.6	4.30	56.3	47.3	4.70	53.3	46.7	5.16	50.00	45.80	5.68	46.51	45.12	6.25
	80	67	67.2	40.4	4.04	64.4	40.7	4.40	61.4	39.5	4.81	58.2	39.1	5.27	54.82	38.54	5.79	51.15	38.36	6.36
	80	72	72.5	32.0	4.15	69.5	32.6	4.52	66.3	31.4	4.93	62.9	31.2	5.39	59.21	30.81	5.90	55.32	30.87	6.48
	75	63	62.2	39.0	3.93	59.4	39.2	4.30	56.5	37.9	4.71	53.4	37.3	5.16	50.05	36.60	5.68	46.36	36.12	6.25

COOLING EXPANDED RATINGS + VSB

NS4BD-018KB with C6B(A,H)-X24(C,U)-(A,B)+VSB

NS4BD-018KB with B4VM-X24K-(A,B)

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
500	80	62	19.1	15.6	1.17	18.2	15.3	1.30	17.2	15.0	1.46	16.2	14.8	1.64	15.1	14.2	1.85
	80	67	20.7	13.3	1.17	19.8	12.9	1.31	18.7	12.5	1.47	17.6	12.0	1.65	16.3	11.5	1.86
	80	72	22.8	10.9	1.18	21.7	10.5	1.32	20.5	10.1	1.49	19.2	9.7	1.67	17.6	9.2	1.87
	75	63	19.4	12.9	1.17	18.4	12.6	1.30	17.4	12.1	1.46	16.3	11.6	1.65	15.2	11.1	1.85
550	80	62	19.4	16.4	1.19	18.5	16.1	1.32	17.6	16.0	1.48	16.5	15.6	1.67	15.3	15.1	1.87
	80	67	21.1	13.9	1.19	20.1	13.5	1.33	19.0	13.1	1.49	17.8	12.6	1.68	16.5	12.0	1.88
	80	72	23.1	11.3	1.20	22.0	10.9	1.34	20.6	10.5	1.51	19.4	10.0	1.69	17.8	9.5	1.89
	75	63	19.6	13.5	1.19	18.7	13.1	1.32	17.7	12.7	1.49	16.6	12.2	1.67	15.4	11.6	1.87
600	80	62	19.6	17.5	1.22	18.9	17.1	1.34	17.8	16.7	1.50	16.8	16.5	1.68	15.6	15.6	1.89
	80	67	21.4	14.5	1.21	20.4	14.1	1.35	19.3	13.6	1.51	18.0	13.1	1.70	16.7	12.6	1.90
	80	72	23.2	11.7	1.22	22.0	11.3	1.36	20.8	10.8	1.53	19.4	10.3	1.71	18.0	9.8	1.91
	75	63	19.9	14.0	1.21	19.0	13.6	1.34	17.9	13.2	1.51	16.8	12.7	1.69	15.5	12.1	1.89

NS4BD-024KB with C6B(A,H)-X24C,U)-(A,B)+VSB

NS4BD-024KB with B4VM-X24K-(A,B)

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
600	80	62	36.7	20.0	1.54	23.6	19.6	1.71	22.4	19.4	1.94	21.2	19.0	2.16	19.8	18.3	2.43
	80	67	26.8	17.1	1.54	25.5	16.6	1.73	36.3	16.1	1.94	22.9	15.5	2.18	21.4	14.9	2.45
	80	72	29.4	14.0	1.56	28.1	13.5	1.74	26.7	13.1	1.96	25.1	12.5	2.20	23.4	11.9	2.47
	75	63	36.9	16.6	1.54	23.8	16.2	1.72	22.6	15.6	1.93	21.4	15.0	2.17	20.0	14.4	2.44
700	80	62	25.4	21.6	1.58	36.3	21.2	1.76	23.1	21.0	1.97	21.8	20.6	2.21	20.4	20.0	2.48
	80	67	27.5	18.3	1.58	26.2	17.8	1.77	36.6	17.2	1.98	23.4	16.6	2.22	21.9	15.9	2.49
	80	72	30.0	14.8	1.60	28.6	14.3	1.79	27.0	13.8	2.00	25.2	13.2	2.24	23.5	12.6	2.51
	75	63	25.6	17.7	1.58	36.4	17.2	1.76	23.2	16.7	1.97	21.9	16.1	2.21	20.4	15.4	2.48
800	80	62	25.8	23.5	1.63	36.8	22.9	1.80	23.6	22.5	2.01	22.3	22.1	2.37	20.9	20.9	2.52
	80	67	28.0	19.4	1.63	26.7	18.9	1.81	25.3	18.3	2.02	23.8	17.7	2.26	22.2	17.0	2.53
	80	72	30.2	15.5	1.64	28.7	15.0	1.82	27.2	14.4	2.04	25.6	13.9	2.28	23.8	13.2	2.55
	75	63	26.2	18.8	1.62	36.9	18.4	1.80	23.6	17.7	2.01	22.2	17.0	2.25	20.7	16.3	2.52

NS4BD-030KB with C6B(A,H)-X30(C,U)-(A,B,C)+VSB

NS4BD-030KB with B4VM-X30K-(A,B)

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
850	80	62	30.5	26.2	1.86	29.1	25.7	2.08	27.5	25.2	2.32	25.9	36.9	2.61	36.1	23.8	2.93
	80	67	33.0	22.1	1.87	31.4	21.5	2.09	29.8	20.8	2.34	27.9	20.1	2.62	25.9	19.4	2.95
	80	72	36.0	17.8	1.89	34.3	17.2	2.11	32.4	16.6	2.36	30.3	15.9	2.64	27.9	15.1	2.96
	75	63	30.7	21.5	1.87	29.3	20.9	2.08	27.8	20.2	2.33	26.0	19.4	2.61	36.1	18.6	2.93
950	80	62	31.1	27.7	1.90	29.6	27.2	2.12	28.1	26.9	2.36	26.4	26.1	2.65	36.7	36.7	2.97
	80	67	33.5	23.3	1.91	31.9	22.6	2.13	30.2	21.9	2.38	28.3	21.2	2.66	26.2	20.3	2.99
	80	72	36.3	18.6	1.93	34.6	18.0	2.15	32.6	17.3	2.40	30.5	16.6	2.68	28.2	15.8	3.00
	75	63	31.3	22.6	1.91	29.8	21.9	2.12	28.2	21.2	2.37	26.3	20.4	2.65	36.4	19.6	2.97
1050	80	62	31.4	29.5	1.96	30.2	28.8	2.16	28.6	28.0	2.40	27.0	27.0	2.69	25.3	25.3	3.02
	80	67	34.0	26.4	1.96	32.3	23.7	2.18	30.5	23.0	2.42	28.6	22.2	2.70	26.4	21.4	3.04
	80	72	36.7	19.3	1.97	34.8	18.7	2.19	32.9	18.0	2.44	30.8	17.3	2.72	28.4	16.5	3.04
	75	63	31.7	23.6	1.95	30.2	23.0	2.16	28.5	22.2	2.41	26.6	21.4	2.69	36.6	20.5	3.01

NS4BD-036KB with C6B(A,H)-X36(C,U)-(B,C)+VSB

NS4BD-036KB with B4VM-X36K-B

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1000	80	62	37.3	31.5	2.38	35.5	30.9	2.65	33.6	30.4	2.95	31.5	30.0	3.30	29.3	28.7	3.69
	80	67	40.5	26.7	2.39	38.6	26.0	2.67	36.5	25.1	2.97	34.1	36.2	3.32	31.6	23.1	3.71
	80	72	44.3	21.5	2.41	42.2	20.8	2.70	39.9	20.0	3.00	37.3	19.1	3.34	34.4	18.2	3.73
	75	63	37.7	25.9	2.39	35.9	25.2	2.66	34.0	36.3	2.96	31.8	23.4	3.31	29.4	22.3	3.69
1100	80	62	37.9	33.2	2.42	36.2	32.5	2.69	34.2	32.3	2.99	32.1	31.4	3.34	29.9	29.9	3.73
	80	67	41.1	27.9	2.43	39.1	27.1	2.72	37.0	26.3	3.01	34.6	25.3	3.36	31.9	36.3	3.75
	80	72	44.9	22.3	2.45	42.7	21.6	2.74	40.2	20.8	3.04	37.5	19.9	3.39	34.6	18.9	3.77
	75	63	38.3	27.1	2.43	36.5	26.3	2.70	34.4	25.4	3.00	32.2	36.4	3.34	29.7	23.4	3.73
1200	80	62	38.2	35.3	2.48	36.7	34.4	2.73	34.7	33.7	3.03	32.7	32.7	3.38	30.6	30.6	3.78
	80	67	41.6	29.1	2.48	39.6	28.3	2.76	37.4	27.4	3.05	34.9	26.4	3.40	32.2	25.4	3.79
	80	72	45.3	23.1	2.50	43.0	22.3	2.78	40.5	21.5	3.08	37.8	20.6	3.43	34.8	19.6	3.81
	75	63	38.8	28.1	2.47	36.9	27.4	2.74	34.8	26.5	3.04	32.5	25.5	3.38	30.0	36.4	3.77

COOLING EXPANDED RATINGS + VSB (Continued)

NS4BD-042KB with C6B(A,H)-X42(C,U)-(B,C,D) +VSB

NS4BD-042KB with B4VM-X48K-(B,C)

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1150	80	62	42.1	35.7	2.56	40.2	35.0	2.85	38.1	34.4	3.19	35.8	34.0	3.57	33.5	32.6	4.00
	80	67	45.5	30.2	2.56	43.4	29.3	2.86	41.1	28.4	3.19	38.6	27.3	3.58	35.9	26.2	4.02
	80	72	49.5	36.5	2.56	47.2	23.6	2.87	44.6	22.8	3.20	41.5	21.8	3.59	38.6	20.7	4.02
	75	63	42.5	29.4	2.56	40.5	28.5	2.85	38.4	27.6	3.19	36.0	26.5	3.58	33.5	25.4	4.01
1250	80	62	42.7	37.3	2.60	40.8	36.5	2.89	38.6	36.2	3.22	36.3	35.3	3.61	34.0	34.0	4.05
	80	67	46.1	31.3	2.59	43.9	30.4	2.90	41.4	29.5	3.23	39.0	28.4	3.62	36.3	27.3	4.06
	80	72	49.8	25.2	2.61	47.4	36.4	2.91	44.7	23.5	3.36	41.9	22.4	3.63	38.9	21.4	4.06
	75	63	43.0	30.4	2.60	41.0	29.6	2.89	38.8	28.6	3.23	36.4	27.5	3.61	33.8	26.4	4.05
1350	80	62	43.0	39.4	2.66	41.3	38.4	2.94	39.1	37.6	3.26	36.8	36.8	3.65	34.6	34.6	4.09
	80	67	46.6	32.4	2.64	44.3	31.5	2.93	41.9	30.5	3.27	39.3	29.4	3.66	36.5	28.3	4.09
	80	72	50.2	25.9	2.65	47.6	25.0	2.95	45.0	36.1	3.28	42.2	23.1	3.67	39.2	22.0	4.10
	75	63	43.5	31.5	2.64	41.4	30.6	2.93	39.1	29.6	3.27	36.7	28.5	3.65	34.1	27.3	4.09

NS4BD-048KB with C6B(A,H)-X48(C,U)-(C,D)+VSB

NS4BD-048KB with B4VM-X48K-C

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1300	80	62	49.5	41.6	3.07	47.2	40.8	3.42	44.7	40.1	3.83	41.9	39.6	4.31	39.0	38.0	4.86
	80	67	53.6	35.2	3.08	51.1	34.2	3.44	48.3	33.1	3.84	45.3	31.9	4.32	42.0	30.6	4.87
	80	72	58.4	28.3	3.09	55.7	27.4	3.46	52.6	26.3	3.86	49.3	25.2	4.33	45.6	36.0	4.87
	75	63	50.0	34.3	3.08	47.7	33.3	3.43	45.1	32.2	3.84	42.3	31.0	4.32	39.2	29.7	4.86
1400	80	62	50.1	43.3	3.11	47.8	42.4	3.46	45.2	42.1	3.87	42.4	41.1	4.35	39.5	39.5	4.89
	80	67	54.4	36.4	3.11	51.7	35.4	3.48	48.9	34.3	3.88	45.7	33.0	4.36	42.3	31.7	4.90
	80	72	59.0	29.1	3.13	56.1	28.2	3.49	53.1	27.1	3.90	49.6	26.0	4.37	45.9	36.8	4.91
	75	63	50.7	35.4	3.12	48.3	34.4	3.47	45.6	33.3	3.87	42.7	32.0	4.36	39.5	30.7	4.90
1500	80	62	50.3	45.6	3.18	48.3	44.5	3.50	45.7	43.6	3.91	43.0	42.7	4.39	40.2	40.2	4.93
	80	67	54.8	37.5	3.16	52.1	36.5	3.52	49.3	35.4	3.92	46.1	34.2	4.40	42.6	32.8	4.94
	80	72	59.6	29.9	3.17	56.6	28.9	3.53	53.4	27.9	3.94	49.9	26.7	4.41	46.1	25.5	4.95
	75	63	51.2	36.5	3.16	48.7	35.5	3.50	46.0	34.4	3.91	43.0	33.1	4.39	39.8	31.8	4.94

NS4BD-060KB with C6B(A,H)-X60(C,U)-(C,D)+VSB

NS4BD-060KB with B4VM-X60K-C

O.D.T			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1500	80	62	59.7	48.0	3.84	56.9	47.1	4.28	54.0	46.2	4.76	50.9	45.6	5.31	47.2	43.6	5.97
	80	67	64.3	41.0	3.86	61.3	39.8	4.32	58.2	38.5	4.81	54.8	36.8	5.37	50.6	35.0	6.03
	80	72	70.4	33.7	3.91	67.2	32.6	4.37	63.3	31.3	4.87	58.9	29.9	5.42	53.9	28.1	6.08
	75	63	59.9	40.0	3.85	57.2	38.9	4.28	54.3	37.5	4.77	51.2	35.8	5.32	47.3	34.0	5.98
1600	80	62	60.3	49.5	3.89	57.6	48.6	4.32	54.7	48.2	4.81	51.5	47.0	5.36	47.7	45.4	6.02
	80	67	65.1	42.1	3.90	62.0	41.0	4.36	58.8	39.4	4.85	55.3	37.8	5.41	51.0	35.9	6.07
	80	72	70.7	34.4	3.95	67.3	33.3	4.41	63.0	32.0	4.90	59.0	30.5	5.46	54.4	28.6	6.14
	75	63	60.8	40.9	3.89	57.9	39.7	4.33	54.9	38.3	4.82	51.6	36.8	5.37	47.6	34.9	6.02
1700	80	62	60.6	51.9	3.96	58.2	50.6	4.36	55.2	49.6	4.85	52.0	48.9	5.40	48.1	46.7	6.06
	80	67	65.8	43.0	3.96	62.6	41.8	4.40	59.3	40.4	4.90	55.7	38.8	5.45	51.3	36.9	6.11
	80	72	70.6	35.1	3.99	67.0	34.0	4.45	63.3	32.6	4.95	59.4	31.1	5.50	54.6	29.2	6.18
	75	63	61.4	41.9	3.94	58.4	40.7	4.37	55.4	39.3	4.86	52.0	37.7	5.41	48.0	35.8	6.06



GENERAL TERMS OF LIMITED WARRANTY

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the first ten years of installation, in accordance with the terms of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the NORDYNE warranty department for a copy.

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223D-0711 (Replaces 223D-0910)