

**PACKAGE DATA [NAC213P]****SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC213P	Rating Type:	STANDBY	Sales model Package:	D80-8
Engine Sales Model:	C4.4	Engine Arrangement Number:	4859941	Hertz:	60
EKW W/F:	80.0	Noise Reduction:	0 dBA	Back Pressure:	0.0 inH2O

**Engine Package Information**

Engine Package Data

**Package Cooling Information****Open Cooling Data**

% Load	Airflow Rate scfm			Ambient Capability Sea Level (Deg F)			Ambient Capability 300 m (Deg F)			Ambient Capability 600 m (Deg F)			Ambient Capability 900 m (Deg F)		
	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4
	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O
100.0	8475	7910	7416	156	150	149	152	147	145	149	143	141	145	140	138
75.0	8475	7910	7416	167	161	159	163	158	156	159	154	152	156	150	149
50.0	8475	7910	7416	177	172	168	174	168	165	170	165	161	167	161	158
25.0	8475	7910	7416	188	183	179	185	179	176	181	176	172	177	172	168

**SA Level 1 Canopy Cooling Data**

% Load	Airflow Rate scfm	Ambient Capability Sea Level (Deg F)	Ambient Capability 300 m (Deg F)	Ambient Capability 600 m (Deg F)	Ambient Capability 900 m (Deg F)
100.0	6815	150	147	143	140
75.0	6815	161	158	154	150
50.0	6815	174	170	167	163
25.0	6815	185	181	177	174

**SA Level 2 Canopy Cooling Data**

% Load	Airflow Rate scfm	Ambient Capability Sea Level (Deg F)	Ambient Capability 300 m (Deg F)	Ambient Capability 600 m (Deg F)	Ambient Capability 900 m (Deg F)
100.0	6356	145	141	138	134
75.0	6356	158	154	150	147
50.0	6356	168	165	161	158
25.0	6356	181	177	174	170

**WP Canopy - Industrial Cooling Data**

% Load	Airflow Rate scfm	Ambient Capability Sea Level (Deg F)	Ambient Capability 300 m (Deg F)	Ambient Capability 600 m (Deg F)	Ambient Capability 900 m (Deg F)
100.0	7416	145	141	138	134
75.0	7416	156	152	149	145
50.0	7416	167	163	159	156
25.0	7416	177	174	170	167

**Package Sound Information**

Sound Comments :

**SA Level 1 Canopy Sound Data**

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	88.9	95.1	87.7	85.2	85.1	83.5	80.9	80.0	76.4
60.0	75.0	88.0	93.3	86.5	85.0	84.6	82.9	80.0	78.7	74.3
40.0	50.0	87.2	91.4	85.2	84.7	84.1	82.2	79.0	77.3	72.8
20.0	25.0	86.4	89.3	83.9	84.4	83.6	81.5	77.9	75.9	71.7

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	77.5	88.7	77.3	76.1	74.1	70.8	70.1	69.3	64.8
60.0	75.0	76.4	86.8	76.2	75.8	73.5	70.0	68.7	67.5	62.3
40.0	50.0	75.1	84.8	75.1	74.5	72.9	69.1	67.0	65.4	60.1
20.0	25.0	73.9	82.7	74.2	72.3	72.2	68.1	65.1	63.2	58.2

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	71.5	82.7	71.3	70.1	68.1	64.8	64.1	63.3	58.8
60.0	75.0	70.4	80.8	70.2	69.8	67.5	64.0	62.7	61.5	56.3
40.0	50.0	69.1	78.8	69.1	68.5	66.9	63.1	61.0	59.4	54.1
20.0	25.0	67.9	76.7	68.2	66.3	66.2	62.1	59.1	57.2	52.2

**SA Level 2 Canopy Sound Data**

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	84.8	92.0	86.9	81.9	79.0	75.7	76.6	75.0	80.7
60.0	75.0	83.3	90.4	85.7	81.3	78.4	75.0	75.2	73.2	77.5
40.0	50.0	81.7	88.6	84.3	80.8	77.6	74.0	73.5	71.4	73.6
20.0	25.0	80.0	86.6	82.8	80.5	76.7	72.8	71.3	69.5	68.8

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	75.7	86.9	77.3	67.2	71.3	67.4	68.6	68.3	67.1
60.0	75.0	74.3	85.1	75.9	66.6	70.6	66.4	67.4	66.3	63.9
40.0	50.0	72.4	83.0	74.3	66.2	69.5	64.7	65.3	63.6	60.3
20.0	25.0	70.2	80.8	72.7	66.1	68.1	62.4	62.2	60.4	56.4

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	69.7	80.9	71.3	61.2	65.3	61.4	62.6	62.3	61.1
60.0	75.0	68.3	79.1	69.9	60.6	64.6	60.4	61.4	60.3	57.9
40.0	50.0	66.4	77.0	68.3	60.2	63.5	58.7	59.3	57.6	54.3
20.0	25.0	64.2	74.8	66.7	60.1	62.1	56.4	56.2	54.4	50.4

**WP Canopy - Industrial Sound Data**

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	92.2	92.1	90.2	88.7	88.1	87.6	84.6	81.4	80.5
60.0	75.0	91.8	90.4	89.6	88.4	87.7	87.2	84.3	81.2	79.4
40.0	50.0	91.3	89.1	88.4	88.0	87.2	86.7	83.7	80.8	78.5
20.0	25.0	90.7	88.3	86.5	87.5	86.7	86.2	82.9	80.4	77.8

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	79.4	85.4	80.8	77.8	76.3	74.3	71.0	68.1	66.9
60.0	75.0	78.9	84.0	80.0	77.8	75.5	73.8	70.5	67.6	65.5
40.0	50.0	78.3	82.5	78.9	77.6	74.6	73.4	70.1	67.3	64.4
20.0	25.0	77.8	81.0	77.5	77.4	73.6	73.0	69.6	67.0	63.7

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	73.4	79.4	74.8	71.8	70.3	68.3	65.0	62.1	60.9
60.0	75.0	72.9	78.0	74.0	71.8	69.5	67.8	64.5	61.6	59.5
40.0	50.0	72.3	76.5	72.9	71.6	68.6	67.4	64.1	61.3	58.4
20.0	25.0	71.8	75.0	71.5	71.4	67.6	67.0	63.6	61.0	57.7

**Open Exhaust Sound Data**

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	112.0	110.0	114.0	111.0	107.0	108.0	105.0	100.0	89.0
60.0	75.0	111.0	111.0	112.0	111.0	106.0	107.0	103.0	97.0	85.0
40.0	50.0	108.0	112.0	110.0	109.0	104.0	105.0	100.0	92.0	80.0
20.0	25.0	105.0	109.0	105.0	104.0	101.0	101.0	95.0	86.0	75.0

**Open Mechanical Sound Data**

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	96.6	84.7	90.2	91.3	91.0	91.0	89.5	86.8	89.3
60.0	75.0	95.9	85.0	89.3	91.1	90.9	90.8	89.0	86.3	86.3
40.0	50.0	95.2	85.2	88.2	90.8	90.7	90.5	88.4	85.7	83.7
20.0	25.0	94.6	85.4	86.9	90.4	90.4	90.2	87.4	84.8	81.7

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	86.6	74.7	80.2	81.3	81.0	81.0	79.5	76.8	79.3
60.0	75.0	85.9	75.0	79.3	81.1	80.9	80.8	79.0	76.3	76.3
40.0	50.0	85.2	75.2	78.2	80.8	80.7	80.5	78.4	75.7	73.7
20.0	25.0	84.6	75.4	76.9	80.4	80.4	80.2	77.4	74.8	71.7

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
80.0	100.0	80.6	68.7	74.2	75.3	75.0	75.0	73.5	70.8	73.3
60.0	75.0	79.9	69.0	73.3	75.1	74.9	74.8	73.0	70.3	70.3
40.0	50.0	79.2	69.2	72.2	74.8	74.7	74.5	72.4	69.7	67.7
20.0	25.0	78.6	69.4	70.9	74.4	74.4	74.2	71.4	68.8	65.7

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