

PACKAGE DATA [NAC203P]**SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC203P	Rating Type:	STANDBY	Sales model Package:	D125-8
Engine Sales Model:	C7.1	Engine Arrangement Number:	4696214	Hertz:	60
EKW W/F:	125.0	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
100.0	11371	10629	10170	147	143	140	143	140	136	140	136	132	136	132	129
75.0	11371	10629	10170	159	154	150	156	150	147	152	147	143	149	143	140
50.0	11371	10629	10170	170	165	161	167	161	158	163	158	154	159	154	150
25.0	11371	10629	10170	181	176	172	177	172	168	174	168	165	170	165	161

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	8899	134	131	127	123
75.0	8899	147	143	140	136
50.0	8899	159	156	152	149
25.0	8899	172	168	165	161

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	8899	132	129	125	122
75.0	8899	145	141	138	134
50.0	8899	159	156	152	149
25.0	8899	172	168	165	161

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	9676	125	122	118	114
75.0	9676	138	134	131	127
50.0	9676	152	149	145	141
25.0	9676	165	161	158	154

Package Sound Information

Sound Comments :

SA Level 1 Canopy Sound Data

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
125.0	100.0	74.0	83.6	78.9	78.1	69.3	64.5	64.4	66.6	64.4
93.75	75.0	74.0	82.6	78.1	77.3	69.0	64.1	63.7	68.8	60.9
62.5	50.0	73.0	80.9	76.9	75.7	68.8	63.8	63.0	68.4	58.3
31.25	25.0	72.0	78.4	75.1	73.2	68.9	63.6	62.3	65.3	56.6

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
125.0	100.0	68.0	77.6	72.9	72.1	63.3	58.5	58.4	60.6	58.4
93.75	75.0	68.0	76.6	72.1	71.3	63.0	58.1	57.7	62.8	54.9
62.5	50.0	67.0	74.9	70.9	69.7	62.8	57.8	57.0	62.4	52.3
31.25	25.0	66.0	72.4	69.1	67.2	62.9	57.6	56.3	59.3	50.6

SA Level 2 Canopy Sound Data

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
125.0	100.0	74.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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
125.0	100.0	68.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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
125.0	100.0	91.0	90.6	88.9	89.6	86.1	85.9	83.0	81.5	77.7
93.75	75.0	89.9	89.7	88.0	89.5	85.5	84.8	81.8	79.1	75.5
62.5	50.0	89.1	88.6	87.2	89.4	85.0	84.1	80.9	77.7	74.3
31.25	25.0	88.7	87.1	86.3	89.1	84.6	83.7	80.3	77.2	73.9

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
125.0	100.0	78.2	82.4	81.3	88.2	73.6	72.8	69.7	69.2	65.6
93.75	75.0	77.4	81.4	80.1	87.6	73.5	72.5	69.2	66.8	63.5
62.5	50.0	77.1	80.2	78.9	85.1	73.4	72.5	69.1	65.8	62.5
31.25	25.0	77.3	78.9	77.6	80.6	73.5	72.7	69.4	66.1	62.7

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
125.0	100.0	72.2	76.4	75.3	82.2	67.6	66.8	63.7	63.2	59.6
93.75	75.0	71.4	75.4	74.1	81.6	67.5	66.5	63.2	60.8	57.5
62.5	50.0	71.1	74.2	72.9	79.1	67.4	66.5	63.1	59.8	56.5

31.25 25.0 71.3 72.9 71.6 74.6 67.5 66.7 63.4 60.1 56.7

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
125.0	100.0	110.0	110.0	111.0	109.0	104.0	104.0	103.0	98.0	84.0
93.75	75.0	107.0	111.0	111.0	109.0	102.0	101.0	100.0	94.0	81.0
62.5	50.0	104.0	112.0	112.0	107.0	100.0	96.0	96.0	90.0	77.0
31.25	25.0	101.0	110.0	110.0	105.0	98.0	92.0	92.0	86.0	74.0

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
125.0	100.0	96.0	85.9	89.4	96.3	92.4	90.2	88.3	85.4	83.2
93.75	75.0	95.9	85.5	89.0	96.4	92.2	90.3	88.0	85.1	82.7
62.5	50.0	95.8	85.0	88.6	96.2	92.1	90.4	87.9	84.9	82.2
31.25	25.0	95.7	84.2	88.1	95.8	92.1	90.3	87.8	84.8	81.8

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
125.0	100.0	86.0	75.9	79.4	86.3	82.4	80.2	78.3	75.4	73.2
93.75	75.0	85.9	75.5	79.0	86.4	82.2	80.3	78.0	75.1	72.7
62.5	50.0	85.8	75.0	78.6	86.2	82.1	80.4	77.9	74.9	72.2
31.25	25.0	85.7	74.2	78.1	85.8	82.1	80.3	77.8	74.8	71.8

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
125.0	100.0	80.0	69.9	73.4	80.3	76.4	74.2	72.3	69.4	67.2
93.75	75.0	79.9	69.5	73.0	80.4	76.2	74.3	72.0	69.1	66.7
62.5	50.0	79.8	69.0	72.6	80.2	76.1	74.4	71.9	68.9	66.2
31.25	25.0	79.7	68.2	72.1	79.8	76.1	74.3	71.8	68.8	65.8

SA Aluminium Sound Data

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
125.0	100.0	74.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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
125.0	100.0	68.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

