

PACKAGE DATA [NAC214P]**SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC214P	Rating Type:	STANDBY	Sales model Package:	D100-8
Engine Sales Model:	C4.4	Engine Arrangement Number:	4859941	Hertz:	60
EKW W/F:	100.0	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	145	141	138	141	138	134	138	134	131	134	131	127
75.0	8475	7910	7416	158	154	150	154	150	147	150	147	143	147	143	140
50.0	8475	7910	7416	172	167	165	168	163	161	165	159	158	161	156	154
25.0	8475	7910	7416	185	181	177	181	177	174	177	174	170	174	170	167

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	140	136	132	129
75.0	6815	154	150	147	143
50.0	6815	168	165	161	158
25.0	6815	181	177	174	170

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	132	129	125	122
75.0	6356	149	145	141	138
50.0	6356	163	159	156	152
25.0	6356	177	174	170	167

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	136	132	129	125
75.0	7416	149	145	141	138
50.0	7416	161	158	154	150
25.0	7416	174	170	167	163

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
100.0	100.0	89.7	96.8	88.9	85.3	85.5	84.0	81.7	81.3	79.1
75.0	75.0	88.6	94.7	87.4	85.1	84.9	83.3	80.7	79.7	75.8
50.0	50.0	87.6	92.4	85.8	84.8	84.3	82.5	79.5	78.0	73.5
25.0	25.0	86.6	89.8	84.3	84.5	83.7	81.7	78.2	76.2	71.9

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
100.0	100.0	78.6	90.6	78.6	75.5	74.7	71.6	71.2	71.0	67.7
75.0	75.0	77.2	88.3	77.0	76.1	74.0	70.6	69.8	68.9	64.2
50.0	50.0	75.8	85.8	75.6	75.2	73.2	69.5	67.9	66.5	61.1
25.0	25.0	74.2	83.2	74.4	72.9	72.4	68.3	65.6	63.7	58.7

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
100.0	100.0	72.6	84.6	72.6	69.5	68.7	65.6	65.2	65.0	61.7
75.0	75.0	71.2	82.3	71.0	70.1	68.0	64.6	63.8	62.9	58.2
50.0	50.0	69.8	79.8	69.6	69.2	67.2	63.5	61.9	60.5	55.1
25.0	25.0	68.2	77.2	68.4	66.9	66.4	62.3	59.6	57.7	52.7

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
100.0	100.0	86.2	93.4	87.9	82.6	79.4	76.3	77.5	76.6	83.0
75.0	75.0	84.4	91.7	86.6	81.7	78.8	75.6	76.3	74.6	80.0
50.0	50.0	82.5	89.6	85.0	81.0	78.0	74.5	74.4	72.3	75.7
25.0	25.0	80.5	87.2	83.2	80.5	76.9	73.1	71.9	70.0	70.1

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
100.0	100.0	76.8	88.5	78.5	68.2	71.8	67.8	68.9	69.8	70.0
75.0	75.0	75.4	86.5	76.9	67.0	71.2	67.2	68.4	67.9	66.4
50.0	50.0	73.4	84.1	75.1	66.4	70.1	65.7	66.5	65.0	62.2
25.0	25.0	70.8	81.3	73.1	66.1	68.5	63.0	63.1	61.3	57.4

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
100.0	100.0	70.8	82.5	72.5	62.2	65.8	61.8	62.9	63.8	64.0
75.0	75.0	69.4	80.5	70.9	61.0	65.2	61.2	62.4	61.9	60.4
50.0	50.0	67.4	78.1	69.1	60.4	64.1	59.7	60.5	59.0	56.2
25.0	25.0	64.8	75.3	67.1	60.1	62.5	57.0	57.1	55.3	51.4

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
100.0	100.0	92.5	94.3	90.1	89.0	88.4	87.9	84.6	81.5	81.8
75.0	75.0	92.1	91.6	90.1	88.6	88.0	87.5	84.5	81.4	80.2
50.0	50.0	91.5	89.7	89.1	88.2	87.4	87.0	84.0	81.0	78.9
25.0	25.0	90.8	88.5	87.1	87.6	86.8	86.4	83.1	80.5	78.0

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
100.0	100.0	80.1	86.8	81.3	77.9	77.0	75.0	71.4	68.6	68.7
75.0	75.0	79.3	85.1	80.6	77.8	76.1	74.2	70.9	68.0	66.5
50.0	50.0	78.6	83.2	79.5	77.7	75.1	73.6	70.3	67.5	64.9
25.0	25.0	78.0	81.4	77.8	77.5	73.9	73.1	69.7	67.1	63.8

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
100.0	100.0	74.1	80.8	75.3	71.9	71.0	69.0	65.4	62.6	62.7
75.0	75.0	73.3	79.1	74.6	71.8	70.1	68.2	64.9	62.0	60.5
50.0	50.0	72.6	77.2	73.5	71.7	69.1	67.6	64.3	61.5	58.9
25.0	25.0	72.0	75.4	71.8	71.5	67.9	67.1	63.7	61.1	57.8

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
100.0	100.0	114.0	112.0	117.0	114.0	108.0	109.0	106.0	102.0	91.0
75.0	75.0	112.0	111.0	113.0	111.0	107.0	108.0	104.0	99.0	88.0
50.0	50.0	110.0	111.0	111.0	111.0	105.0	106.0	101.0	94.0	83.0
25.0	25.0	106.0	111.0	106.0	106.0	102.0	102.0	97.0	87.0	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
100.0	100.0	97.3	84.5	90.9	91.4	90.9	91.1	89.6	87.0	92.8
75.0	75.0	96.4	84.8	90.0	91.3	91.0	90.9	89.4	86.7	88.5
50.0	50.0	95.6	85.1	88.8	91.0	90.8	90.6	88.7	86.0	84.9
25.0	25.0	94.7	85.4	87.2	90.5	90.5	90.3	87.7	85.1	82.2

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
100.0	100.0	87.3	74.5	80.9	81.4	80.9	81.1	79.6	77.0	82.8
75.0	75.0	86.4	74.8	80.0	81.3	81.0	80.9	79.4	76.7	78.5
50.0	50.0	85.6	75.1	78.8	81.0	80.8	80.6	78.7	76.0	74.9
25.0	25.0	84.7	75.4	77.2	80.5	80.5	80.3	77.7	75.1	72.2

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
100.0	100.0	81.3	68.5	74.9	75.4	74.9	75.1	73.6	71.0	76.8
75.0	75.0	80.4	68.8	74.0	75.3	75.0	74.9	73.4	70.7	72.5
50.0	50.0	79.6	69.1	72.8	75.0	74.8	74.6	72.7	70.0	68.9
25.0	25.0	78.7	69.4	71.2	74.5	74.5	74.3	71.7	69.1	66.2

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