

**PACKAGE DATA [NAC224P]**

**SEPTEMBER 21, 2020**

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<b>Feature Code:</b>	NAC224P	<b>Rating Type:</b>	STANDBY	<b>Sales model Package:</b>	D60-4LC
<b>Engine Sales Model:</b>	C4.4	<b>Engine Arrangement Number:</b>	4859941	<b>Hertz:</b>	60
<b>EKW W/F:</b>	60.0	<b>Noise Reduction:</b>	0 dBA	<b>Back Pressure:</b>	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	4414	3778	3460	141	136	120	138	132	116	134	129	113	131	125	109
75.0	4414	3778	3460	154	149	131	150	145	127	147	141	123	143	138	120
50.0	4414	3778	3460	165	159	143	161	156	140	158	152	136	154	149	132
25.0	4414	3778	3460	177	172	156	174	168	152	170	165	149	167	161	145

**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	4025	136	132	129	125
75.0	4025	147	143	140	136
50.0	4025	159	156	152	149
25.0	4025	170	167	163	159

**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	4025	136	132	129	125
75.0	4025	150	147	143	140
50.0	4025	163	159	156	152
25.0	4025	176	172	168	165

**Package Sound Information**

**Sound Comments :** Open Exhaust Data @ 0.5m

**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
60.0	100.0	86.9	92.8	84.9	84.0	81.3	82.5	79.3	75.5	78.0
45.0	75.0	85.6	90.8	83.6	83.6	80.5	81.7	77.5	74.0	73.4
30.0	50.0	84.6	88.7	82.3	83.2	79.8	81.0	76.1	72.8	69.9
15.0	25.0	83.9	86.3	81.0	82.7	79.3	80.4	75.3	72.0	67.5

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
60.0	100.0	74.1	85.7	77.7	78.2	68.6	68.5	66.5	63.1	64.3
45.0	75.0	72.3	83.7	76.8	78.0	67.4	66.8	64.0	60.7	59.3
30.0	50.0	71.0	81.3	75.7	76.6	66.4	65.5	62.2	59.0	55.5
15.0	25.0	70.1	78.5	74.3	74.2	65.6	64.7	61.1	57.9	53.2

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
60.0	100.0	68.1	79.7	71.7	72.2	62.6	62.5	60.5	57.1	58.3
45.0	75.0	66.3	77.7	70.8	72.0	61.4	60.8	58.0	54.7	53.3
30.0	50.0	65.0	75.3	69.7	70.6	60.4	59.5	56.2	53.0	49.5
15.0	25.0	64.1	72.5	68.3	68.2	59.6	58.7	55.1	51.9	47.2

**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
60.0	100.0	99.1	98.4	96.4	95.1	92.5	94.9	92.2	89.8	86.5
45.0	75.0	97.7	97.2	94.8	96.3	91.5	93.3	90.6	87.7	84.0
30.0	50.0	95.3	95.2	92.1	95.2	89.8	90.9	87.9	84.7	81.1
15.0	25.0	92.0	92.4	88.4	91.6	87.3	87.6	84.2	80.7	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
60.0	100.0	87.5	93.0	86.6	87.1	79.2	82.3	82.0	78.3	75.1
45.0	75.0	86.1	91.8	85.2	84.0	78.2	81.1	80.3	76.2	72.6
30.0	50.0	83.6	89.5	82.6	80.6	76.5	78.7	77.5	73.2	69.7
15.0	25.0	80.1	86.3	78.9	77.0	74.0	75.3	73.4	69.1	66.5

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
60.0	100.0	81.5	87.0	80.6	81.1	73.2	76.3	76.0	72.3	69.1
45.0	75.0	80.1	85.8	79.2	78.0	72.2	75.1	74.3	70.2	66.6
30.0	50.0	77.6	83.5	76.6	74.6	70.5	72.7	71.5	67.2	63.7
15.0	25.0	74.1	80.3	72.9	71.0	68.0	69.3	67.4	63.1	60.5

**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
60.0	100.0	111.0	111.0	116.0	111.0	106.0	107.0	101.0	96.0	83.0
45.0	75.0	109.0	110.0	113.0	111.0	104.0	106.0	100.0	93.0	80.0
30.0	50.0	106.0	110.0	109.0	109.0	101.0	103.0	97.0	88.0	75.0
15.0	25.0	102.0	108.0	103.0	101.0	98.0	99.0	92.0	82.0	70.0

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
60.0	100.0	93.3	85.9	85.5	86.2	87.0	86.3	88.7	84.5	77.8
45.0	75.0	92.7	85.0	86.4	87.0	87.1	86.3	88.1	82.4	76.0
30.0	50.0	91.7	84.2	86.3	87.1	86.5	86.1	86.7	80.5	74.5
15.0	25.0	90.4	83.6	85.1	86.5	85.4	85.5	84.6	78.9	73.1

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
60.0	100.0	83.3	75.9	75.5	76.2	77.0	76.3	78.7	74.5	67.8
45.0	75.0	82.7	75.0	76.4	77.0	77.1	76.3	78.1	72.4	66.0
30.0	50.0	81.7	74.2	76.3	77.1	76.5	76.1	76.7	70.5	64.5
15.0	25.0	80.4	73.6	75.1	76.5	75.4	75.5	74.6	68.9	63.1

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
60.0	100.0	77.3	69.9	69.5	70.2	71.0	70.3	72.7	68.5	61.8
45.0	75.0	76.7	69.0	70.4	71.0	71.1	70.3	72.1	66.4	60.0
30.0	50.0	75.7	68.2	70.3	71.1	70.5	70.1	70.7	64.5	58.5
15.0	25.0	74.4	67.6	69.1	70.5	69.4	69.5	68.6	62.9	57.1

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