

PACKAGE DATA [NAC147P]**SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC147P	Rating Type:	STANDBY	Sales model Package:	D40-2LC
Engine Sales Model:	C4.4	Engine Arrangement Number:	3837265	Hertz:	60
EKW W/F:	40.0	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	4414	3778	3460	159	156	154	156	152	150	152	149	147	149	145	143
75.0	4414	3778	3460	168	165	165	165	161	161	161	158	158	158	154	154
50.0	4414	3778	3460	177	176	174	174	172	170	170	168	167	167	165	163
25.0	4414	3778	3460	186	185	183	183	181	179	179	177	176	176	174	172

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	150	147	143	140
75.0	4025	158	154	150	147
50.0	4025	165	161	158	154
25.0	4025	174	170	167	163

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	150	147	143	140
75.0	4025	158	154	150	147
50.0	4025	165	161	158	154
25.0	4025	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
40.0	100.0	86.9	91.3	85.5	85.3	83.0	81.9	79.4	76.1	73.7
30.0	75.0	86.4	90.0	84.6	84.9	82.3	81.4	79.0	75.8	72.9
20.0	50.0	86.0	89.1	83.7	84.3	81.7	81.0	78.7	75.4	72.3
10.0	25.0	85.6	88.3	82.6	83.6	81.2	80.7	78.4	74.9	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
40.0	100.0	73.8	84.7	73.0	75.8	70.2	68.6	66.6	62.6	60.5
30.0	75.0	73.4	83.6	72.6	74.8	69.5	68.3	66.2	62.3	59.9
20.0	50.0	73.0	82.8	72.3	73.1	68.9	68.1	65.8	61.9	59.3
10.0	25.0	72.6	82.0	71.9	70.7	68.2	68.0	65.5	61.3	58.8

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
40.0	100.0	67.8	78.7	67.0	69.8	64.2	62.6	60.6	56.6	54.5
30.0	75.0	67.4	77.6	66.6	68.8	63.5	62.3	60.2	56.3	53.9
20.0	50.0	67.0	76.8	66.3	67.1	62.9	62.1	59.8	55.9	53.3
10.0	25.0	66.6	76.0	65.9	64.7	62.2	62.0	59.5	55.3	52.8

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
40.0	100.0	98.8	100.8	97.6	93.3	93.3	94.9	92.2	87.6	80.0
30.0	75.0	97.0	99.1	94.9	91.4	91.7	93.0	90.5	86.2	79.0
20.0	50.0	95.1	97.4	91.9	89.4	90.2	90.9	88.6	84.5	78.1
10.0	25.0	93.0	95.8	88.8	87.3	88.6	88.6	86.4	82.6	77.3

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
40.0	100.0	84.5	91.3	80.8	79.2	79.4	79.4	78.3	75.5	70.2
30.0	75.0	83.0	89.6	78.8	77.8	78.2	78.0	76.6	73.8	68.7
20.0	50.0	81.3	87.6	76.7	75.6	76.9	76.3	74.6	71.8	67.1
10.0	25.0	79.3	85.4	74.5	72.7	75.3	74.4	72.3	69.5	65.5

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
40.0	100.0	78.5	85.3	74.8	73.2	73.4	73.4	72.3	69.5	64.2
30.0	75.0	77.0	83.6	72.8	71.8	72.2	72.0	70.6	67.8	62.7
20.0	50.0	75.3	81.6	70.7	69.6	70.9	70.3	68.6	65.8	61.1
10.0	25.0	73.3	79.4	68.5	66.7	69.3	68.4	66.3	63.5	59.5

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
40.0	100.0	91.9	88.9	87.6	88.9	85.2	87.9	85.6	80.1	76.0
30.0	75.0	91.5	88.5	86.9	88.3	84.6	87.5	85.4	79.7	74.2
20.0	50.0	91.1	87.5	85.8	87.3	84.1	87.3	85.1	79.4	73.1
10.0	25.0	90.8	86.0	84.4	85.8	83.5	87.3	84.5	79.0	72.7

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
40.0	100.0	81.9	78.9	77.6	78.9	75.2	77.9	75.6	70.1	66.0
30.0	75.0	81.5	78.5	76.9	78.3	74.6	77.5	75.4	69.7	64.2
20.0	50.0	81.1	77.5	75.8	77.3	74.1	77.3	75.1	69.4	63.1
10.0	25.0	80.8	76.0	74.4	75.8	73.5	77.3	74.5	69.0	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
40.0	100.0	75.9	72.9	71.6	72.9	69.2	71.9	69.6	64.1	60.0
30.0	75.0	75.5	72.5	70.9	72.3	68.6	71.5	69.4	63.7	58.2
20.0	50.0	75.1	71.5	69.8	71.3	68.1	71.3	69.1	63.4	57.1
10.0	25.0	74.8	70.0	68.4	69.8	67.5	71.3	68.5	63.0	56.7

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