

PACKAGE DATA [NAC205P]**SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC205P	Rating Type:	STANDBY	Sales model Package:	D150-10
Engine Sales Model:	C7.1	Engine Arrangement Number:	4696211	Hertz:	60
EKW W/F:	150.0	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	140	134	131	136	131	127	132	127	123	129	123	120
75.0	11371	10629	10170	152	147	143	149	143	140	145	140	136	141	136	132
50.0	11371	10629	10170	165	159	158	161	156	154	158	152	150	154	149	147
25.0	11371	10629	10170	179	174	170	176	170	167	172	167	163	168	163	159

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	125	122	118	114
75.0	8899	140	136	132	129
50.0	8899	156	152	149	145
25.0	8899	170	167	163	159

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	123	120	116	113
75.0	8899	138	134	131	127
50.0	8899	154	150	147	143
25.0	8899	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	9676	114	111	107	104
75.0	9676	131	127	123	120
50.0	9676	147	143	140	136
25.0	9676	161	158	154	150

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
150.0	100.0	74.0	83.8	79.0	78.1	69.7	64.9	65.0	62.9	67.8
112.5	75.0	74.0	83.3	78.6	77.9	69.2	64.3	64.1	67.8	62.9
75.0	50.0	74.0	81.7	77.5	76.4	68.9	63.9	63.2	68.9	59.3
37.5	25.0	73.0	78.9	75.5	73.8	68.8	63.6	62.4	66.1	56.9

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
150.0	100.0	68.0	77.8	73.0	72.1	63.7	58.9	59.0	56.9	61.8
112.5	75.0	68.0	77.3	72.6	71.9	63.2	58.3	58.1	61.8	56.9
75.0	50.0	68.0	75.7	71.5	70.4	62.9	57.9	57.2	62.9	53.3
37.5	25.0	67.0	72.9	69.5	67.8	62.8	57.6	56.4	60.1	50.9

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
150.0	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
150.0	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
150.0	100.0	92.1	91.1	89.6	89.7	86.8	86.9	84.2	84.0	80.1
112.5	75.0	90.5	90.3	88.5	89.6	85.9	85.4	82.5	80.4	76.7
75.0	50.0	89.4	89.1	87.5	89.4	85.2	84.4	81.2	78.2	74.7
37.5	25.0	88.8	87.5	86.5	89.2	84.7	83.7	80.4	77.3	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
150.0	100.0	79.1	83.1	82.1	87.2	73.8	73.2	70.4	72.2	68.2
112.5	75.0	77.8	82.0	80.8	88.2	73.5	72.7	69.5	68.1	64.6
75.0	50.0	77.2	80.7	79.4	86.3	73.4	72.5	69.1	66.0	62.8
37.5	25.0	77.2	79.1	77.8	81.6	73.4	72.7	69.3	66.0	62.6

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
150.0	100.0	73.1	77.1	76.1	81.2	67.8	67.2	64.4	66.2	62.2
112.5	75.0	71.8	76.0	74.8	82.2	67.5	66.7	63.5	62.1	58.6
75.0	50.0	71.2	74.7	73.4	80.3	67.4	66.5	63.1	60.0	56.8

37.5 25.0 71.2 73.1 71.8 75.6 67.4 66.7 63.3 60.0 56.6

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
150.0	100.0	110.0	89.0	95.0	100.0	103.0	105.0	105.0	100.0	85.0
112.5	75.0	108.0	88.0	94.0	101.0	101.0	103.0	103.0	97.0	82.0
75.0	50.0	104.0	88.0	93.0	99.0	98.0	98.0	99.0	93.0	79.0
37.5	25.0	99.0	88.0	93.0	96.0	96.0	93.0	94.0	87.0	73.0

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
150.0	100.0	96.1	86.0	89.7	96.0	92.6	90.1	88.6	85.7	83.6
112.5	75.0	96.0	85.8	89.3	96.4	92.3	90.3	88.2	85.3	83.0
75.0	50.0	95.8	85.2	88.8	96.3	92.1	90.4	87.9	85.0	82.4
37.5	25.0	95.7	84.3	88.2	95.9	92.1	90.4	87.8	84.8	81.9

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
150.0	100.0	86.1	76.0	79.7	86.0	82.6	80.1	78.6	75.7	73.6
112.5	75.0	86.0	75.8	79.3	86.4	82.3	80.3	78.2	75.3	73.0
75.0	50.0	85.8	75.2	78.8	86.3	82.1	80.4	77.9	75.0	72.4
37.5	25.0	85.7	74.3	78.2	85.9	82.1	80.4	77.8	74.8	71.9

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
150.0	100.0	80.1	70.0	73.7	80.0	76.6	74.1	72.6	69.7	67.6
112.5	75.0	80.0	69.8	73.3	80.4	76.3	74.3	72.2	69.3	67.0
75.0	50.0	79.8	69.2	72.8	80.3	76.1	74.4	71.9	69.0	66.4
37.5	25.0	79.7	68.3	72.2	79.9	76.1	74.4	71.8	68.8	65.9

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
150.0	100.0	75.0	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
150.0	100.0	69.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

