

PACKAGE DATA [NAC185P]**AUGUST 25, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC185P	Rating Type:	STANDBY	Sales model Package:	D200-2
Engine Sales Model:	C7.1	Engine Arrangement Number:	4567961	Hertz:	60
EKW W/F:	200.0	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	13984	13137	12289	136	134	131	132	131	127	129	127	123	125	123	120
75.0	13984	13137	12289	149	147	143	145	143	140	141	140	136	138	136	132
50.0	13984	13137	12289	161	159	156	158	156	152	154	152	149	150	149	145
25.0	13984	13137	12289	174	172	168	170	168	165	167	165	161	163	161	158

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	11653	116	113	109	105
75.0	11653	134	131	127	123
50.0	11653	150	147	143	140
25.0	11653	167	163	159	156

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	10806	118	114	111	107
75.0	10806	134	131	127	123
50.0	10806	152	149	145	141
25.0	10806	168	165	161	158

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	12501	116	113	109	105
75.0	12501	129	125	122	118
50.0	12501	141	138	134	131
25.0	12501	156	152	149	145

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
200.0	100.0	94.7	98.3	92.6	92.7	89.4	88.8	86.8	84.2	88.1
150.0	75.0	94.1	95.8	90.5	92.5	88.9	88.4	85.6	82.7	88.3
100.0	50.0	93.4	92.5	88.5	92.4	88.5	88.2	84.8	81.3	85.7
50.0	25.0	92.7	88.5	86.7	92.3	88.2	88.0	84.3	80.0	80.3

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
200.0	100.0	81.0	90.9	84.3	80.0	77.0	74.2	70.4	66.6	76.2
150.0	75.0	79.9	87.1	81.1	79.9	76.6	74.0	70.0	65.3	72.7
100.0	50.0	79.0	83.5	78.2	79.7	76.2	73.8	69.6	64.3	68.3
50.0	25.0	78.4	80.0	75.7	79.2	75.8	73.7	69.3	63.6	63.0

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
200.0	100.0	75.0	84.9	78.3	74.0	71.0	68.2	64.4	60.6	70.2
150.0	75.0	73.9	81.1	75.1	73.9	70.6	68.0	64.0	59.3	66.7
100.0	50.0	73.0	77.5	72.2	73.7	70.2	67.8	63.6	58.3	62.3
50.0	25.0	72.4	74.0	69.7	73.2	69.8	67.7	63.3	57.6	57.0

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
200.0	100.0	91.1	99.3	93.3	88.8	85.2	82.7	82.6	81.4	86.5
150.0	75.0	89.4	97.9	91.9	88.7	84.3	81.6	80.5	79.5	83.6
100.0	50.0	87.8	94.9	89.9	88.6	83.5	80.8	78.6	77.2	79.1
50.0	25.0	86.5	90.2	87.4	88.5	82.7	80.1	77.0	74.7	72.9

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
200.0	100.0	74.7	80.6	83.0	75.6	71.8	67.6	65.1	63.4	57.6
150.0	75.0	74.0	79.1	81.2	75.4	71.3	66.9	64.9	61.9	56.1
100.0	50.0	73.4	77.4	79.2	75.1	71.0	66.4	64.2	60.2	54.8

50.0 25.0 72.8 75.5 76.9 74.7 70.8 65.9 63.2 58.3 53.7

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
200.0	100.0	68.7	74.6	77.0	69.6	65.8	61.6	59.1	57.4	51.6
150.0	75.0	68.0	73.1	75.2	69.4	65.3	60.9	58.9	55.9	50.1
100.0	50.0	67.4	71.4	73.2	69.1	65.0	60.4	58.2	54.2	48.8
50.0	25.0	66.8	69.5	70.9	68.7	64.8	59.9	57.2	52.3	47.7

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
200.0	100.0	101.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
150.0	75.0	98.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
100.0	50.0	95.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50.0	25.0	92.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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
200.0	100.0	88.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
150.0	75.0	86.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
100.0	50.0	83.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50.0	25.0	81.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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
200.0	100.0	114.0	115.0	116.0	116.0	111.0	107.0	107.0	101.0	87.0
150.0	75.0	111.0	114.0	116.0	115.0	108.0	105.0	104.0	97.0	82.0
100.0	50.0	107.0	114.0	114.0	109.0	105.0	101.0	99.0	92.0	75.0
50.0	25.0	105.0	114.0	114.0	106.0	104.0	98.0	95.0	88.0	71.0

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
200.0	100.0	99.7	90.3	92.9	100.6	94.9	94.7	92.2	88.1	86.0

150.0	75.0	99.7	87.9	91.2	100.7	95.0	94.9	92.2	87.7	83.8
100.0	50.0	99.7	85.6	89.9	100.7	94.9	95.0	92.1	87.4	82.4
50.0	25.0	99.6	83.7	88.9	100.7	94.8	94.9	91.9	87.2	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
200.0	100.0	89.7	80.3	82.9	90.6	84.9	84.7	82.2	78.1	76.0
150.0	75.0	89.7	77.9	81.2	90.7	85.0	84.9	82.2	77.7	73.8
100.0	50.0	89.7	75.6	79.9	90.7	84.9	85.0	82.1	77.4	72.4
50.0	25.0	89.6	73.7	78.9	90.7	84.8	84.9	81.9	77.2	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
200.0	100.0	83.7	74.3	76.9	84.6	78.9	78.7	76.2	72.1	70.0
150.0	75.0	83.7	71.9	75.2	84.7	79.0	78.9	76.2	71.7	67.8
100.0	50.0	83.7	69.6	73.9	84.7	78.9	79.0	76.1	71.4	66.4
50.0	25.0	83.6	67.7	72.9	84.7	78.8	78.9	75.9	71.2	65.8