

**PACKAGE DATA [NAC153P]****SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	NAC153P	Rating Type:	STANDBY	Sales model Package:	D175-4
Engine Sales Model:	C7.1	Engine Arrangement Number:	4694413	Hertz:	60
EKW W/F:	175.0	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	141	138	136	138	134	132	134	131	129	131	127	125
75.0	13984	13137	12289	152	150	147	149	147	143	145	143	140	141	140	136
50.0	13984	13137	12289	165	163	159	161	159	156	158	156	152	154	152	149
25.0	13984	13137	12289	177	174	172	174	170	168	170	167	165	167	163	161

**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	11830	127	123	120	116
75.0	11830	141	138	134	131
50.0	11830	154	150	147	143
25.0	11830	168	165	161	158

**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	11018	127	123	120	116
75.0	11018	141	138	134	131
50.0	11018	154	150	147	143
25.0	11018	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	12430	116	113	109	105
75.0	12430	131	127	123	120
50.0	12430	143	140	136	132
25.0	12430	158	154	150	147

**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
175.0	100.0	78.0	87.8	81.8	77.6	74.3	70.2	68.0	64.1	70.7
131.25	75.0	77.0	86.7	80.5	77.7	73.9	70.1	67.7	63.1	63.9
87.5	50.0	76.0	84.4	78.8	77.8	73.6	69.9	67.3	62.2	59.2
43.75	25.0	76.0	80.8	76.5	77.9	73.3	69.6	66.8	61.5	56.4

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
175.0	100.0	72.0	81.8	75.8	71.6	68.3	64.2	62.0	58.1	64.7
131.25	75.0	71.0	80.7	74.5	71.7	67.9	64.1	61.7	57.1	57.9
87.5	50.0	70.0	78.4	72.8	71.8	67.6	63.9	61.3	56.2	53.2
43.75	25.0	70.0	74.8	70.5	71.9	67.3	63.6	60.8	55.5	50.4

**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
175.0	100.0	89.5	96.2	90.9	89.0	84.1	81.6	80.5	80.1	84.5
131.25	75.0	87.9	95.3	89.8	89.0	83.5	81.0	79.4	78.3	76.1
87.5	50.0	86.7	92.7	88.3	88.9	82.9	80.4	78.3	76.4	70.2
43.75	25.0	85.9	88.5	86.4	88.9	82.4	79.9	77.2	74.4	66.7

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
175.0	100.0	74.3	79.9	82.1	75.5	71.5	67.3	65.0	62.7	56.8
131.25	75.0	73.8	78.5	80.5	75.3	71.1	66.7	64.7	61.3	55.6
87.5	50.0	73.2	76.9	78.6	75.0	70.9	66.2	64.0	59.8	54.5
43.75	25.0	72.7	75.3	76.6	74.6	70.8	65.8	63.1	58.1	53.6

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
175.0	100.0	68.3	73.9	76.1	69.5	65.5	61.3	59.0	56.7	50.8
131.25	75.0	67.8	72.5	74.5	69.3	65.1	60.7	58.7	55.3	49.6
87.5	50.0	67.2	70.9	72.6	69.0	64.9	60.2	58.0	53.8	48.5
43.75	25.0	66.7	69.3	70.6	68.6	64.8	59.8	57.1	52.1	47.6

**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
175.0	100.0	98.6	94.5	92.3	95.0	92.8	94.1	91.9	87.8	87.7
131.25	75.0	98.0	93.7	91.6	95.1	92.2	93.5	91.2	88.8	82.9
87.5	50.0	97.7	92.6	91.0	95.2	91.8	93.2	90.8	88.6	79.7
43.75	25.0	97.5	91.1	90.4	95.4	91.8	93.1	90.7	87.4	78.4

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
175.0	100.0	84.0	84.2	81.1	80.3	78.2	79.0	77.1	74.1	74.7
131.25	75.0	83.3	84.4	80.9	80.7	77.7	78.3	76.1	74.7	69.1
87.5	50.0	83.0	83.8	80.3	81.1	77.5	78.2	75.8	74.4	65.6
43.75	25.0	83.1	82.4	79.4	81.4	77.6	78.6	76.1	73.3	64.2

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
175.0	100.0	78.0	78.2	75.1	74.3	72.2	73.0	71.1	68.1	68.7
131.25	75.0	77.3	78.4	74.9	74.7	71.7	72.3	70.1	68.7	63.1
87.5	50.0	77.0	77.8	74.3	75.1	71.5	72.2	69.8	68.4	59.6
43.75	25.0	77.1	76.4	73.4	75.4	71.6	72.6	70.1	67.3	58.2

**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
175.0	100.0	112.0	114.0	116.0	115.0	110.0	106.0	103.0	97.0	83.0
131.25	75.0	110.0	113.0	115.0	113.0	108.0	104.0	102.0	95.0	79.0
87.5	50.0	108.0	114.0	114.0	111.0	106.0	100.0	98.0	91.0	74.0
43.75	25.0	104.0	113.0	113.0	108.0	102.0	97.0	91.0	83.0	68.0

**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
175.0	100.0	99.8	90.6	91.0	101.3	95.0	94.7	92.1	88.0	84.2
131.25	75.0	99.7	87.9	89.5	101.4	95.1	94.5	92.0	87.5	82.8
87.5	50.0	99.5	85.7	88.5	101.6	95.0	94.3	91.9	87.1	81.8
43.75	25.0	99.4	83.9	88.0	101.6	94.9	94.2	91.6	86.8	81.3

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
175.0	100.0	89.8	80.6	81.0	91.3	85.0	84.7	82.1	78.0	74.2
131.25	75.0	89.7	77.9	79.5	91.4	85.1	84.5	82.0	77.5	72.8
87.5	50.0	89.5	75.7	78.5	91.6	85.0	84.3	81.9	77.1	71.8
43.75	25.0	89.4	73.9	78.0	91.6	84.9	84.2	81.6	76.8	71.3

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
175.0	100.0	83.8	74.6	75.0	85.3	79.0	78.7	76.1	72.0	68.2
131.25	75.0	83.7	71.9	73.5	85.4	79.1	78.5	76.0	71.5	66.8
87.5	50.0	83.5	69.7	72.5	85.6	79.0	78.3	75.9	71.1	65.8
43.75	25.0	83.4	67.9	72.0	85.6	78.9	78.2	75.6	70.8	65.3

**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
175.0	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
175.0	100.0	69.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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