

PACKAGE DATA [88LGE01]**SEPTEMBER 18, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	88LGE01	Rating Type:	STANDBY	Sales model Package:	DG125-2
Engine Sales Model:	8.8LT	Engine Arrangement Number:	4830909	Hertz:	60
EKW W/F:	125.0	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	11159	10241	9676	140	134	132	136	131	129	132	127	125	129	123	122
75.0	11159	10241	9676	154	147	145	150	143	141	147	140	138	143	136	134
50.0	11159	10241	9676	167	161	158	163	158	154	159	154	150	156	150	147
25.0	11159	10241	9676	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	7839	120	116	113	109
75.0	7839	136	132	129	125
50.0	7839	150	147	143	140
25.0	7839	167	163	159	156

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	8334	114	111	107	104
75.0	8334	129	125	122	118
50.0	8334	145	141	138	134
25.0	8334	159	156	152	149

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
125.0	100.0	84.0	84.9	84.3	82.9	80.7	78.9	75.9	72.6	70.5
93.75	75.0	83.3	83.1	82.5	82.3	80.3	78.0	75.3	71.8	68.5
62.5	50.0	82.8	81.3	80.7	81.5	80.0	77.4	74.9	71.3	67.0
31.25	25.0	82.4	79.6	78.9	80.4	79.9	77.1	74.8	71.0	66.0

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
125.0	100.0	71.6	78.0	72.8	71.0	69.2	65.7	63.4	60.2	59.0
93.75	75.0	70.7	76.3	71.5	70.5	68.8	64.3	62.7	59.4	56.9
62.5	50.0	70.1	74.6	70.0	69.2	68.5	63.3	62.3	58.8	55.4
31.25	25.0	69.7	72.9	68.3	67.1	68.4	62.8	62.1	58.5	54.3

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
125.0	100.0	65.6	72.0	66.8	65.0	63.2	59.7	57.4	54.2	53.0
93.75	75.0	64.7	70.3	65.5	64.5	62.8	58.3	56.7	53.4	50.9
62.5	50.0	64.1	68.6	64.0	63.2	62.5	57.3	56.3	52.8	49.4
31.25	25.0	63.7	66.9	62.3	61.1	62.4	56.8	56.1	52.5	48.3

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
125.0	100.0	93.6	90.2	94.4	88.6	90.4	87.9	87.3	82.2	77.8
93.75	75.0	93.3	88.9	94.2	87.5	89.9	87.8	87.1	82.0	77.3
62.5	50.0	93.1	87.2	91.9	86.6	89.6	87.7	87.0	81.8	77.0
31.25	25.0	92.9	85.1	87.6	85.9	89.5	87.6	86.9	81.7	76.7

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
125.0	100.0	79.2	84.6	87.1	76.8	75.6	72.8	71.5	67.6	62.3
93.75	75.0	78.9	83.0	85.9	76.2	75.2	72.7	71.5	67.6	62.0
62.5	50.0	78.6	81.0	83.1	75.8	75.0	72.7	71.6	67.9	62.0
31.25	25.0	78.6	78.5	79.0	75.6	75.0	72.7	71.8	68.3	62.1

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
125.0	100.0	73.2	78.6	81.1	70.8	69.6	66.8	65.5	61.6	56.3
93.75	75.0	72.9	77.0	79.9	70.2	69.2	66.7	65.5	61.6	56.0
62.5	50.0	72.6	75.0	77.1	69.8	69.0	66.7	65.6	61.9	56.0
31.25	25.0	72.6	72.5	73.0	69.6	69.0	66.7	65.8	62.3	56.1

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
125.0	100.0	98.0	100.0	110.0	100.0	93.0	91.0	85.0	77.0	59.0
93.75	75.0	96.0	98.0	107.0	97.0	91.0	90.0	82.0	73.0	54.0
62.5	50.0	94.0	98.0	105.0	99.0	89.0	87.0	78.0	69.0	49.0
31.25	25.0	91.0	96.0	102.0	94.0	86.0	81.0	73.0	65.0	53.0

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
125.0	100.0	95.7	85.9	88.9	88.0	92.1	90.0	89.5	86.0	83.2
93.75	75.0	95.6	84.5	87.2	87.2	92.5	89.9	89.3	85.6	81.8
62.5	50.0	95.5	82.9	85.1	86.4	92.7	89.8	89.1	85.4	80.9
31.25	25.0	95.3	81.0	82.7	85.6	92.7	89.7	89.1	85.3	80.4

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
125.0	100.0	85.7	75.9	78.9	78.0	82.1	80.0	79.5	76.0	73.2
93.75	75.0	85.6	74.5	77.2	77.2	82.5	79.9	79.3	75.6	71.8
62.5	50.0	85.5	72.9	75.1	76.4	82.7	79.8	79.1	75.4	70.9
31.25	25.0	85.3	71.0	72.7	75.6	82.7	79.7	79.1	75.3	70.4

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
125.0	100.0	79.7	69.9	72.9	72.0	76.1	74.0	73.5	70.0	67.2
93.75	75.0	79.6	68.5	71.2	71.2	76.5	73.9	73.3	69.6	65.8
62.5	50.0	79.5	66.9	69.1	70.4	76.7	73.8	73.1	69.4	64.9
31.25	25.0	79.3	65.0	66.7	69.6	76.7	73.7	73.1	69.3	64.4

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