

# PACKAGE DATA [C18PD1C]

NOVEMBER 10, 2021

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<b>Feature Code:</b>	C18PD1C	<b>Rating Type:</b>	STANDBY	<b>Sales model Package:</b>	D750-2
<b>Engine Sales Model:</b>	C18PD	<b>Engine Arrangement Number:</b>	5365365	<b>Hertz:</b>	60
<b>EKW W/F:</b>	750.0	<b>Noise Reduction:</b>	0 dBA	<b>Back Pressure:</b>	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	35844	31747	31253	131	127	125	127	123	122	123	120	118	120	116	114
75.0	35844	31747	31253	147	143	140	143	140	136	140	136	132	136	132	129
50.0	35844	31747	31253	161	158	156	158	154	152	154	150	149	150	147	145
25.0	35844	31747	31253	177	174	170	174	170	167	170	167	163	167	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	26874	118	114	111	107
75.0	26874	134	131	127	123
50.0	26874	150	147	143	140
25.0	26874	167	163	159	156

### WP Canopy - Critical 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	26874	114	111	107	104
75.0	26874	131	127	123	120
50.0	26874	147	143	140	136
25.0	26874	163	159	156	152

## Package Sound Information

Sound Comments :

## Open Sound Data

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	104.3	99.9	101.4	100.0	98.7	96.5	93.9	96.8
562.5	75.0	103.9	99.6	101.4	100.3	98.9	95.8	92.7	94.9
375.0	50.0	103.4	99.1	101.4	100.3	98.8	95.0	91.6	92.4
187.5	25.0	102.7	98.6	101.3	99.9	98.2	94.1	90.5	89.3

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	94.3	89.9	91.4	90.0	88.7	86.5	83.9	86.8
562.5	75.0	93.9	89.6	91.4	90.3	88.9	85.8	82.7	84.9
375.0	50.0	93.4	89.1	91.4	90.3	88.8	85.0	81.6	82.4
187.5	25.0	92.7	88.6	91.3	89.9	88.2	84.1	80.5	79.3

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	88.3	83.9	85.4	84.0	82.7	80.5	77.9	80.8
562.5	75.0	87.9	83.6	85.4	84.3	82.9	79.8	76.7	78.9
375.0	50.0	87.4	83.1	85.4	84.3	82.8	79.0	75.6	76.4
187.5	25.0	86.7	82.6	85.3	83.9	82.2	78.1	74.5	73.3

## SA Level 1 Canopy Sound Data

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	85.3	94.4	89.1	81.4	76.4	71.7	70.1	73.0
562.5	75.0	84.5	93.0	88.6	81.0	76.1	70.9	67.8	70.0
375.0	50.0	83.9	91.4	88.1	80.7	75.8	70.1	66.1	66.9
187.5	25.0	83.3	89.7	87.8	80.5	75.4	69.2	64.9	63.7

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	75.2	82.0	77.2	72.8	68.3	63.0	60.9	62.8
562.5	75.0	74.7	81.4	76.7	73.0	67.9	61.9	58.7	59.9
375.0	50.0	74.2	80.2	76.1	73.0	67.5	60.9	56.9	57.2

187.5 25.0 73.7 78.4 75.6 72.7 67.3 60.2 55.7 54.5

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	69.2	76.0	71.2	66.8	62.3	57.0	54.9	56.8
562.5	75.0	68.7	75.4	70.7	67.0	61.9	55.9	52.7	53.9
375.0	50.0	68.2	74.2	70.1	67.0	61.5	54.9	50.9	51.2
187.5	25.0	67.7	72.4	69.6	66.7	61.3	54.2	49.7	48.5

**WP Canopy - Critical Sound Data**

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	95.3	102.2	94.1	91.1	87.0	83.0	84.0	90.6
562.5	75.0	93.5	101.6	93.6	90.4	86.3	81.4	80.8	85.8
375.0	50.0	92.2	100.3	93.1	89.8	85.3	79.7	78.2	80.9
187.5	25.0	90.9	98.3	92.5	89.2	84.3	77.9	76.2	76.0

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	86.9	91.5	86.4	79.9	79.9	76.3	77.7	81.8
562.5	75.0	85.7	92.8	85.3	80.3	79.5	75.6	75.7	77.5
375.0	50.0	84.7	92.4	84.4	80.3	79.0	74.5	73.6	73.7
187.5	25.0	83.6	90.2	83.8	79.9	78.5	72.8	71.4	70.2

**Open Exhaust Sound Data**

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	115.3	123.4	115.1	112.0	106.9	109.0	105.4	92.0
562.5	75.0	114.6	120.4	117.5	112.4	105.1	105.8	101.5	87.6
375.0	50.0	111.4	118.0	115.0	109.2	101.3	102.0	97.2	80.2
187.5	25.0	106.4	113.8	109.1	103.2	97.2	97.7	92.7	74.1

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	105.3	113.4	105.1	102.0	96.9	99.0	95.4	82.0

562.5	75.0	104.6	110.4	107.5	102.4	95.1	95.8	91.5	77.6
375.0	50.0	101.4	108.0	105.0	99.2	91.3	92.0	87.2	70.2
187.5	25.0	96.4	103.8	99.1	93.2	87.2	87.7	82.7	64.1

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	99.3	107.4	99.1	96.0	90.9	93.0	89.4	76.0
562.5	75.0	98.6	104.4	101.5	96.4	89.1	89.8	85.5	71.6
375.0	50.0	95.4	102.0	99.0	93.2	85.3	86.0	81.2	64.2
187.5	25.0	90.4	97.8	93.1	87.2	81.2	81.7	76.7	58.1

### Open Mechanical Sound Data

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	104.3	99.9	101.4	100.0	98.7	96.5	93.9	96.8
562.5	75.0	103.9	99.6	101.4	100.3	98.9	95.8	92.7	94.9
375.0	50.0	103.4	99.1	101.4	100.3	98.8	95.0	91.6	92.4
187.5	25.0	102.7	98.6	101.3	99.9	98.2	94.1	90.5	89.3

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	94.3	89.9	91.4	90.0	88.7	86.5	83.9	86.8
562.5	75.0	93.9	89.6	91.4	90.3	88.9	85.8	82.7	84.9
375.0	50.0	93.4	89.1	91.4	90.3	88.8	85.0	81.6	82.4
187.5	25.0	92.7	88.6	91.3	89.9	88.2	84.1	80.5	79.3

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
750.0	100.0	88.3	83.9	85.4	84.0	82.7	80.5	77.9	80.8
562.5	75.0	87.9	83.6	85.4	84.3	82.9	79.8	76.7	78.9
375.0	50.0	87.4	83.1	85.4	84.3	82.8	79.0	75.6	76.4
187.5	25.0	86.7	82.6	85.3	83.9	82.2	78.1	74.5	73.3

