

PDX-PX and PDX-PI models

Performance data

Addendum

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This document, written in English, is the original version

The performance data of PDX-PX and PDX-PI models rated with the AHRI stand 1360 are given in Table 1-5.

Liebert® PDX-PX Scroll Compressor - Downflow Up Units – Air Cooled

Model Number	PX045DALT	PX057DALT	PX074DALT	PX082DALT	PX104DALT	PX120DALT
N° of circuits	1		2			
Fan type	Premium fan					
Condenser Model Number	HCR88	HCR99	2 X HCR88	2 X HCR88	2 X HCR99	2 X HCR99
Voltage	380 V / 3PH / 60 Hz + N					
Net Sensible Cooling Capacity kW	39.65	49.59	67.16	74.43	91.72	108.10
Net Sensible Coefficient of Performance (NSenCOP), kW/kW	2.70	2.28	2.64	2.54	2.60	2.46
SHR	1					
Unit Airflow, m3/h	11571	19342	18444	28492		
External Static Pressure Pa	50					
Refrigerant	R410A					

Return Air Conditions 29.5°C DB, 11.0°C DP , 32% RH

Outdoor Ambient Temperature 35°C



Certified in accordance with the AHRI Datacom Cooling Certification Program at AHRI Standard 1360 Standard Rating Conditions. Certified units may be found in the AHRI Directory at www.ahridirectory.org.

Liebert® PDX-PX Scroll Compressor - Upflow Units – Air Cooled

Model Number	PX045UALT	PX057UALT	PX074UALT	PX082UALT	PX104UALT	PX120UALT
N° of circuits	1		2			
Fan type	Premium fan					
Condenser Model Number	HCR88	HCR99	2 X HCR88	2 X HCR88	2 X HCR99	2 X HCR99
Voltage	380 V / 3PH / 60 Hz + N					
Net Sensible Cooling Capacity kW	39.84	49.40	66.33	74.52	91.82	108.65
Net Sensible Coefficient of Performance (NSenCOP), kW/kW	2.71	2.27	2.62	2.54	2.60	2.47
SHR	1					
Unit Airflow, m3/h	11266	19025	17771	27631		
External Static Pressure Pa	100		125			
Refrigerant	R410A					

Return Air Conditions 29.5°C DB, 11.0°C DP , 32% RH

Outdoor Ambient Temperature 35°C



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Liebert® PDX-PX Scroll Compressor - Downflow Up Units – Air Cooled plus Chilled Water Coil

Model Number	PX051DDLT	PX062DDLT	PX082DDLT	PX104DDLT
N° of circuits	1	2		
Fan type	Premium fan			
Condenser Model Number	HCR99	2 X HCR59	2 X HCR88	2 X HCR99
Voltage	380 V / 3PH / 60 Hz + N			
Net Sensible Cooling Capacity kW	48.48	48.48	69.46	84.18
Net Sensible Coefficient of Performance (NSenCOP), kW/kW	2.32	2.42	2.42	2.39
SHR	1			
Unit Airflow, m3/h	17345	16507	25988	
External Static Pressure Pa	50			
Refrigerant	R410A			

Return Air Conditions 29.5°C DB, 11.0°C DP , 32% RH

Outdoor Ambient Temperature 35°C



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Liebert® PDX-PX Scroll Compressor - Upflow Units – Air Cooled plus Chilled Water Coil

Model Number	PX051UDLT	PX062UDLT	PX082UDLT	PX104UDLT
N° of circuits	1	2		
Fan type	Premium fan			
Condenser Model Number	HCR99	2 X HCR59	2 X HCR88	2 X HCR99
Voltage	380 V / 3PH / 60 Hz + N			
Net Sensible Cooling Capacity kW	48.30	48.12	69.83	85.10
Net Sensible Coefficient of Performance (NSenCOP), kW/kW	2.32	2.22	2.44	2.45
SHR	1			
Unit Airflow, m3/h	16978	16157	25054	
External Static Pressure Pa	100		125	
Refrigerant	R410A			

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Outdoor Ambient Temperature 35°C



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Liebert® PDX-PI Variable Speed Scroll Compressor - Downflow Up Units – Air Cooled

Model Number	PI045DALT	PI057DALT	PI074DALT	PI104DALT	PI120DALT	PI120DALT
N° of circuits	1		2			
Fan type	Premium fan					
Condenser Model Number	HCR99	HCR99	2 X HCR88	2 X HCR99	2 X HCR99	2 X HCRX3
Voltage	380 V / 3PH / 60 Hz + N					
Net Sensible Cooling Capacity kW	50.51	53.36	73.78	103.68	119.51	118.40
Net Sensible Coefficient of Performance (NSenCOP), kW/kW	2.47	2.35	2.56	2.44	2.37	2.41
SHR	1					
Unit Airflow, m3/h	13950	19807	19550	30638		
External Static Pressure Pa	50					
Refrigerant	R410A					

Return Air Conditions 29.5°C DB, 11.0°C DP , 32% RH

Outdoor Ambient Temperature 35°C



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Liebert® PDX-PI Variable Speed Scroll Compressor - Upflow Units – Air Cooled

Model Number	PI045UALT	PI074UALT	PI104UALT	PI120UALT
N° of circuits	1	2		
Fan type	Premium fan			
Condenser Model Number	HCR99	2 X HCR88	2 X HCR99	2 X HCR99
Voltage	380 V / 3PH / 60 Hz + N			
Net Sensible Cooling Capacity kW	49.04	72.40	101.75	117.21
Net Sensible Coefficient of Performance (NSenCOP), kW/kW	2.42	2.55	2.42	2.35
SHR	1			
Unit Airflow, m3/h	12431	17835	27933	
External Static Pressure Pa	100	125		
Refrigerant	R410A			

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