



Chicago Pneumatic

CPX 10

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	12.36						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	2.18						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	150						
Outlet Cooling Air Dimensions	in	6.9 x 6.9						
Refrigerant								
Refrigerant Type		R134a						
Refrigerant Capacity	oz	5.64						
Installation								
Dimensions	in	13.8 x 19.7 x 17.7						
Footprint	ft²	1.88						
Net Weight	lbs	42						
Air Connection	in	3/4" Male						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		159 W			172 W			
Nominal Current	A	1.8			1.1			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		192 W			213 W			
Maximum Current	A	2.4			1.4			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	50						

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CPX 20

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	12.36						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	3.62						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	150						
Outlet Cooling Air Dimensions	in	6.9 x 6.9						
Refrigerant								
Refrigerant Type		R134a						
Refrigerant Capacity	oz	6.34						
Installation								
Dimensions	in	13.8 x 19.7 x 17.7						
Footprint	ft²	1.88						
Net Weight	lbs	42						
Air Connection	in	3/4" Male						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		159 W			172 W			
Nominal Current	A	1.8			1.1			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		227 W			238 W			
Maximum Current	A	2.7			1.5			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	50						

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CPX 30

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	30						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	3.62						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	129.5						
Outlet Cooling Air Dimensions	in	6.9 x 6.9						
Refrigerant								
Refrigerant Type		R134a						
Refrigerant Capacity	oz	10.2						
Installation								
Dimensions	in	13.8 x 19.7 x 17.7						
Footprint	ft ²	1.88						
Net Weight	lbs	44						
Air Connection	in	3/4" Male						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		193 W			222 W			
Nominal Current	A	2.2			1.4			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		285 W			322 W			
Maximum Current	A	3.4			2.0			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	47						



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CPX 40

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	42.4						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	3.62						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	264.9						
Outlet Cooling Air Dimensions	in	6.9 x 6.9						
Refrigerant								
Refrigerant Type		R134a						
Refrigerant Capacity	oz	12.3						
Installation								
Dimensions	in	13.8 x 19.7 x 17.7						
Footprint	ft²	1.88						
Net Weight	lbs	55						
Air Connection	in	3/4" Male						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		301 W			306 W			
Nominal Current	A	3.5			1.9			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		482 W			474 W			
Maximum Current	A	5.2			2.9			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	53						



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CPX 60

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	64.7						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	4.35						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	230						
Outlet Cooling Air Dimensions	in	6.9 x 6.9						
Refrigerant								
Refrigerant Type		R134a						
Refrigerant Capacity	oz	15.9						
Installation								
Dimensions	in	13.8 x 19.7 x 17.7						
Footprint	ft ²	1.88						
Net Weight	lbs	60						
Air Connection	in	3/4" Male						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		383 W			364 W			
Nominal Current	A	3.5			2.2			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		489 W			581 W			
Maximum Current	A	5.9			3.5			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	53						

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CPX 80

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	83						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	4.64						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	494						
Outlet Cooling Air Dimensions	in	2 x (10.1 x 10.1)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	14.11						
Installation								
Dimensions	in	14.6 x 19.7 x 30.1						
Footprint	ft ²	2						
Net Weight	lbs	97						
Air Connection	in	1 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		544 W			629 W			
Nominal Current	A	5.8			3.5			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		787 W			954 W			
Maximum Current	A	9.2			5.6			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	57						



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CPX 100

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	105						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	5.51						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	494						
Outlet Cooling Air Dimensions	in	2 x (10.1 x 10.1)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	14.11						
Installation								
Dimensions	in	14.6 x 19.7 x 30.1						
Footprint	ft ²	2						
Net Weight	lbs	97						
Air Connection	in	1 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		668 W			777 W			
Nominal Current	A	7.7			4.6			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		912 W			1040 W			
Maximum Current	A	9.8			6.2			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	57						

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CPX 125

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	127						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	2.61						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	643						
Outlet Cooling Air Dimensions	in	2 x (11.3 x 11.3)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	21.16						
Installation								
Dimensions	in	17.7 x 22.1 x 31.1						
Footprint	ft ²	2.78						
Net Weight	lbs	117						
Air Connection	in	1 1/2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	12						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		752 W			861 W			
Nominal Current	A	7.4			4.4			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		1050 W			1143 W			
Maximum Current	A	12			6.4			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	58						



CPX 150

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	145						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	3.63						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	643						
Outlet Cooling Air Dimensions	in	2 x (11.3 x 11.3)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	22.6						
Installation								
Dimensions	in	17.7 x 22.1 x 31.1						
Footprint	ft ²	2.78						
Net Weight	lbs	133						
Air Connection	in	1 1/2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	12						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		907 W			1045 W			
Nominal Current	A	8.8			4.9			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		1256 W			1370 W			
Maximum Current	A	14.2			7.3			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	58						



CPX 180

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	184						
Working Pressure	psi	101.5						
Ambient Temperature	°C	25						
Working Temperature	°C	36						
Pressure Drop	psi	2.61						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	784						
Outlet Cooling Air Dimensions	in	2 x (11.3 x 11.3)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	22.9						
Installation								
Dimensions	in	17.7 x 22.1 x 31.1						
Footprint	ft ²	2.78						
Net Weight	lbs	143						
Air Connection	in	1 1/2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	12						
Working Data								
Volt/Frequency/Phase		115/60/1			230/60/1			
Nominal Power (@ amb. T 25°C; inlet T 35°C)		1010 W			1120 W			
Nominal Current	A	9.3			5.3			
Nominal Power (@ amb. T 45°C; inlet T 55°C)		1464 W			1593 W			
Maximum Current	A	15			8.3			
Fan Motor Protection	IP	42						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	58						



CPX 225

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	200						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	2.9						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	1522						
Outlet Cooling Air Dimensions	in	1 x (18.1 x 15.8)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	47.6						
Installation								
Dimensions	in	22.8 x 23.2 x 35.4						
Footprint	ft²	3.68						
Net Weight	lbs	176						
Air Connection	in	1 1/2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		230/60/1						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		1400 W						
Nominal Current	A	6.5						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		1910 W						
Maximum Current	A	10.0						
Fan Motor Protection	IP	44						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	59						



CPX 270

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	25	30	35	40	45
Correction Factor		nd	nd	1.00	0.92	0.84	0.80	0.74
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.57	1.24	1.00	0.82	0.69	0.58	0.45
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	174.0	188.5
Correction Factor		0.90	0.96	1.00	1.03	1.08	1.12	1.13
General Data								
Nominal Capacity	cfm	230						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	3.9						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	1522						
Outlet Cooling Air Dimensions	in	1 x (18.1 x 15.8)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	45.9						
Installation								
Dimensions	in	22.8 x 23.2 x 35.4						
Footprint	ft²	3.68						
Net Weight	lbs	176						
Air Connection	in	1 1/2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		230/60/1						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		1645 W						
Nominal Current	A	7.6						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		2310 W						
Maximum Current	A	11.5						
Fan Motor Protection	IP	44						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	59						



CPX 350

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	353						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	3.6						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	1836						
Outlet Cooling Air Dimensions	in	1 x (10.5 x 31.7)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	77.6						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft ²	7.1						
Net Weight	lbs	282						
Air Connection	in	2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	14						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		2.485 kW						
Fan Power	kW	0.22						
Nominal Current	A	3.25						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		3.403 kW						
Maximum Current	A	4.9						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	60						



CPX 425

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	424						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	4.35						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	3885						
Outlet Cooling Air Dimensions	in	1 x (10.5 x 31.7)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	88.2						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft ²	7.1						
Net Weight	lbs	322						
Air Connection	in	2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	12						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		2.776 kW						
Fan Power	kW	0.81						
Nominal Current	A	5.81						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		4.150 kW						
Maximum Current	A	6.0						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	67						



CPX 530

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	530						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	4.35						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	3531						
Outlet Cooling Air Dimensions	in	1 x (10.5 x 31.7)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	105.8						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft ²	7.1						
Net Weight	lbs	348						
Air Connection	in	2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	12						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		3.344 kW						
Fan Power	kW	0.81						
Nominal Current	A	6.55						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		5.099 kW						
Maximum Current	A	7.5						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	67						



CPX 700

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	636						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	4.35						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	3461						
Outlet Cooling Air Dimensions	in	1 x (10.5 x 31.7)						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	123.5						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft ²	7.1						
Net Weight	lbs	364						
Air Connection	in	2 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	12						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		4.527 kW						
Fan Power	kW	0.81						
Nominal Current	A	9.3						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		6.122 kW						
Maximum Current	A	9.5						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	68						



CPX 850

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	848						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	3.63						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	4803						
Outlet Cooling Air Dimensions	in	27.6 x 27.6						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	183.4						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft ²	11.2						
Net Weight	lbs	717						
Air Connection	in	3 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	10						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		5.470 kW						
Fan Power	kW	1.25						
Nominal Current	A	10						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		8.130 kW						
Maximum Current	A	12.0						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	70						



CPX 1000

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	1059						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	4.35						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	4803						
Outlet Cooling Air Dimensions	in	27.6 x 27.6						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	183.4						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft²	11.2						
Net Weight	lbs	739						
Air Connection	in	3 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	10						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		5.820 kW						
Fan Power	kW	1.25						
Nominal Current	A	10.4						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		8.710 kW						
Maximum Current	A	12.5						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	71						



CPX 1200

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	1236						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	5.08						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	4626						
Outlet Cooling Air Dimensions	in	27.6 x 27.6						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	201.1						
Installation								
Dimensions	in	28.9 x 35.4 x 37.9						
Footprint	ft²	11.2						
Net Weight	lbs	772						
Air Connection	in	3 F						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	10						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		7.260 kW						
Fan Power	kW	1.25						
Nominal Current	A	13.1						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		10.490 kW						
Maximum Current	A	15.8						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	71						



CPX 1700

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	1766						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	4.35						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	9641						
Outlet Cooling Air Dimensions	in	27.6 x 27.6						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	370.4						
Installation								
Dimensions	in	40.2 x 82.6 x 60.4						
Footprint	ft²	21.5						
Net Weight	lbs	1213						
Air Connection	in	DN125						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	8						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		9.600 kW						
Fan Power	kW	2.5						
Nominal Current	A	19.9						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		6.122 kW						
Maximum Current	A	9.5						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	74						



CPX 2500

Technical Data								
Working Pressure	psig	101.5						
Working Temperature	°C	36						
Ambient Site Temperature	°C	25						
Working Humidity	%	100						
Pressure Dew Point	°C	+3						
Limit Conditions								
Min/Max Working Pressure	psi	72.5 / 232						
Min/Max Working Temperature	°C	10 / 55						
Min/Max Ambient Temperature	°C	+5 / +45						
Correction Factors								
Ambient Temperature	°C	na	na	na	na	38	40	45
Correction Factor		nd	nd	nd	nd	1.00	0.95	0.93
Working Temperature	°C	25	30	35	40	45	50	55
Correction Factor		1.06	1.06	1.00	0.95	0.79	0.67	0.57
Working Pressure	psi	72.5	87.0	101.5	116.0	145.0	188.5	203.0
Correction Factor		0.90	0.97	1.00	1.03	1.07	1.12	nd
General Data								
Nominal Capacity	cfm	2472						
Working Pressure	psi	101.5						
Ambient Temperature	°C	38						
Working Temperature	°C	38						
Pressure Drop	psi	3.63						
Cooling								
Cooling Type		Air						
Cooling Air Flow	cfm	9288						
Outlet Cooling Air Dimensions	in	27.6 x 27.6						
Refrigerant								
Refrigerant Type		R404A						
Refrigerant Capacity	oz	353.6						
Installation								
Dimensions	in	40.2 x 82.6 x 60.4						
Footprint	ft²	21.5						
Net Weight	lbs	1323						
Air Connection	in	DN125						
Condensate Drain	mm	10						
Minimum Wire Size	AWG	8						
Working Data								
Volt/Frequency/Phase		460/60/3						
Nominal Power (@ amb. T 25°C; inlet T 35°C)		12.500 kW						
Fan Power	kW	2.5						
Nominal Current	A	20.9						
Nominal Power (@ amb. T 45°C; inlet T 55°C)		17.000 kW						
Maximum Current	A	24.4						
Fan Motor Protection	IP	54						
Compressor Motor Version		Hermetic						
Noise Level	dB(A)	74						