

**Technical Data Sheets
QPNC 13-127 (60hz)**



QPNC-13 (E0)	QPNC-21 (E1)	QPNC-30 (E2)	QPNC-42 (E3)	QPNC-64 (E4)	QPNC-83 (E5)	QPNC-106 (E6)	QPNC-127 (E7)
115 V (1 ph)	115 V (1 ph)	115 V (1 ph)	115 V (1 ph)	115 V (1 ph)	115 V (1 ph)	115 V (1 ph)	115 V (1 ph)

REFERENCE CONDITIONS

Inlet Air Temperature (°F)	95	95	95	95	95	95	95	95
Inlet Air pressure (psi(g))	102	102	102	102	102	102	102	102
Ambient air temperature (°F)	77	77	77	77	77	77	77	77
Pressure dewpoint (°F)	39	39	39	39	39	39	39	39
Volume flow (cfm)	13	21	30	42	64	83	106	127

REFERENCE CONDITIONS

Inlet Air Temperature (°F)	100	100	100	100	100	100	100	100
Inlet Air pressure (psi(g))	100	100	100	100	100	100	100	100
Ambient air temperature (°F)	100	100	100	100	100	100	100	100
Pressure dewpoint (°F)	39	39	39	39	39	39	39	39
Volume flow (cfm)	10	15	25	35	50	75	100	125

LIMITATIONS

Minimum ambient temperature (°F)	41	41	41	41	41	41	41	41
Maximum air inlet temperature (°F)	131	131	131	131	131	131	131	131
Maximum compressed air inlet pressure (bar(g))	232	232	232	232	232	203	203	203
Maximum ambient temperature (°F)	109	109	109	109	109	109	109	109

PERFORMANCE DATA

Total electrical power input (kW)	0.16	0.16	0.19	0.3	0.38	0.67	0.72	0.79
Fan(s) electrical power input (kW)	0.03	0.03	0.03	0.03	0.03	0.06	0.06	0.11
Pressure drop over dryer (psi)	2.2	2.2	2.9	2.9	2.9	2.1	2.9	2.6
Cooling air flow (approx.) (cfm)	150	150	150	265	265	494	494	642
Heat dissipated by cooling medium (approx) (kW)	0.27	0.37	0.49	0.74	1.06	1.42	1.81	2.1

DESIGN DATA

Refrigerant type	R513A	R513A	R513A	R513A	R513A	R513A	R513A	R410A
Refrigerant amount (lbs)	0.35	0.4	0.64	0.77	1.04	0.73	0.73	1.32
Shipping weight (lbs)	57	57	60	71	75	112	112	143
Canopy length (in)	19.4	19.4	19.4	19.4	19.4	19.6	19.6	21.9
Canopy width (in)	13.8	13.8	13.8	13.8	13.8	14.6	14.6	18.1
Canopy height (in)	17.7	17.7	17.7	17.7	17.7	30.1	30.1	31.1
Inlet and outlet connections (NPT)	1/2"	1/2"	1/2"	1/2"	1/2"	1"	1"	1-1/2"