

Technical Data Sheets QED100-600



	QED-100	QED-125	QED-150	QED-200	QED-250	QED-300	QED-350	QED-450	QED-500	QED-600
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REFERENCE CONDITIONS

Inlet Air Temperature (°F)	100	100	100	100	100	100	100	100	100	100
Inlet Air pressure (psi(g))	100	100	100	100	100	100	100	100	100	100
Ambient air temperature (°F)	100	100	100	100	100	100	100	100	100	100
Pressure dewpoint (°F)	41	41	41	41	38	38	38	38	38	38

LIMITATIONS

Minimum ambient temp (°F)	38	38	38	38	38	38	38	38	38	38
Maximum air inlet temp (°F)	140	140	140	140	140	140	140	140	140	140
Max air inlet pressure (psi(g))	232	232	232	232	232	232	232	232	232	232
Max ambient temperature (°F)	122	122	122	122	122	122	122	122	122	122

PERFORMANCE DATA

Voltage	115/1/60 hz	115/1/60 hz	115/1/60 hz	115/1/60 hz	230/1/60 hz	230/1/60 hz	230/1/60 hz	460/3/60 hz	460/3/60 hz	460/3/60 hz
Total electrical power input (kW)	0.67	1.03	1.05	1.06	1.73	2.35	2.32	2.6	2.9	3.1
Fan(s) electrical power input (kW)	0.06	0.19	0.19	0.19	0.2	0.2	0.2	0.59	0.59	0.59
Pressure drop over dryer (psi)	3	3	3	3	2	2	3	2	3	3
Cooling air flow (approx.) (cfm)	659	750	750	750	750	750	750	1523	1523	1523
Heat dissipated by cooling (kW)	1.56	2.4	2.7	2.8	4.4	5.7	6.4	7.5	8.3	9.4

DESIGN DATA

Refrigerant type	R134a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a
Refrigerant amount (lbs)	1.03	2.09	2.09	2.47	1.9	1.9	2.03	3.42	2.65	2.82
Shipping Weight (lbs)	158	182	182	242	431	431	464	494	495	510
Canopy length (in)	27	31	31	31	33	33	33	36	36	36
Canopy width (in)	15.5	20	20	20	26	26	26	31.5	31.5	31.5
Canopy height (in)	24	27	27	27	39	39	39	39	39	39
Inlet and outlet connections (NPT)	1"	1"	1"	1"	1.5"	1.5"	1.5"	2.5"	2.5"	2.5"