

HLA & HL DESICCANT AIR DRYER

Compression Technologies and Services
Davidson, NC 28036

Date: 01-Sep-2017
Cancels: All Previous

RERATE FACTORS

Pressure Correction

Inlet Pressure (psig)	80	90	100	110	120	130	140	150
Correction Factor	0.82	0.91	1	1.09	1.17	1.26	1.35	1.44

Consult factory for pressures lower than 80 PSIG or higher than 150 PSIG.

Temperature Correction

Inlet Temperature (°F)	60	70	80	90	100	105	110	115	120
Correction Factor	1.2	1.15	1.1	1.05	1	0.86	0.74	0.63	0.52

Example:

What is the capacity of an HL800 @ 90 psig inlet, and 105°F inlet

Dryer Capacity @ 100 psig, 100°F multiplied by the correction factors = rerated capacity

$800 \text{ scfm} \times 0.91 \times 0.86 = 626 \text{ scfm}$

The HL800 is suitable for 626 scfm @ 90 psig inlet and 105°F inlet.