

COMPRESSOR DATA SHEET

Quincy

Rotary Compressor: Fixed Speed

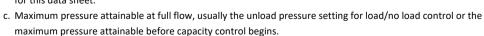
			Date:	November 9, 2018
Α	Manufacturer:	Quincy Compressor		
В	Base Model:	QGD-15		
С	Cooling:	Air-Cooled		
D	Туре:	Oil-Injected Screw		
E	Stages:	1		
F	Drive Motor Nominal Rating		15	hp
η_{isen}	Full-load package Isen	tropic Efficiency Full Load Operating Pressure ^e	72.3	Percent ^e
η _{isen}	at Rated Capacity and		72.3 82.3	Percent ^e acfm ^a
	at Rated Capacity and	Full Load Operating Pressure ^e Load Operating Pressure ^a		
G	at Rated Capacity and Rated Capacity at Full	Full Load Operating Pressure ^a Load Operating Pressure ^a essure ^b	82.3	acfm ^a
G H	at Rated Capacity and Rated Capacity at Full Full Load Operating Pr	Full Load Operating Pressure ^a Load Operating Pressure ^a essure ^b	82.3 100	acfm ^a

Specific Package Input Power at Rated Capacity and Full Load

NOTES:

Operating Pressure

- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item G) and Electrical Consumption (Item K) were measured for this data sheet.



- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Isentropic Efficiency = theoretical power required divided by real measurement performance at same flow and pressure

 **For Variable Speed, this value combines 3 Measured Points: (25% x 40%LOAD) + (50% x 70%LOAD) + (25% x 100%LOAD)
- f. Pressure Ratio = the ratio of discharge pressure to inlet pressure, as determined at full-load operating pressure
 For more information go to: https://www.quincycompressor.com/resources/data-sheets/



kW/100 cfm

18.39

^{*} Quincy Compressors tests all models according to the U.S. Department of Energy (DOE) Energy Conservation Standards for Air Compressors.

Consult the Final Rule (82 FR 1052) in the Federal Register for additional information

https://www.federalregister.gov

^{***}This form was developed by Quincy Compressor to publish equipment performance data in accordance with applicable energy conservation standards adopted under EPCA (42 U.S.C. 6295(s) and 6316(a))***