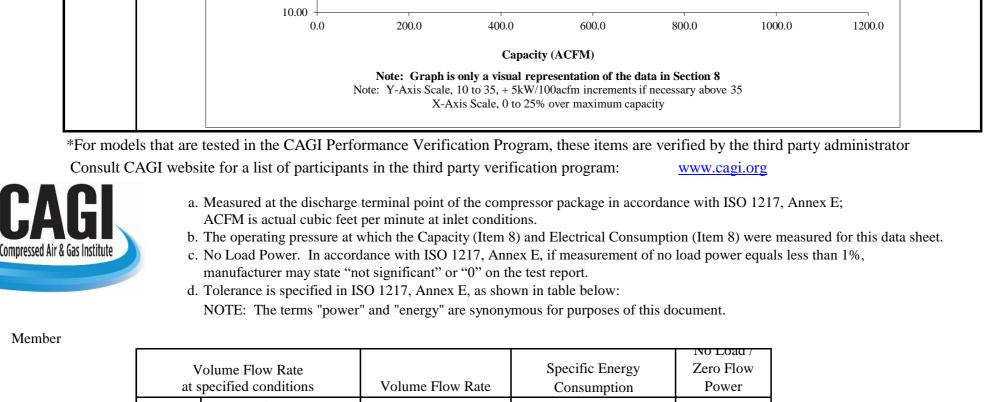
## **COMPRESSOR DATA SHEET**



## In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

## **Rotary Compressor: Variable Frequency Drive**

1	Manufacturer: Gardner Denver		I		
	Model Number: ETSV185-250hp-20	0psi	Date:	02/07/24	
2	Air-cooled X Water-cooled		Type:	Screw	
			t of Stages:	1	
3*	Full Load Operating Pressure <sup>b</sup>	200		psig <sup>b</sup>	
4	Drive Motor Nominal Rating	250		hp	
5	Drive Motor Nominal Efficiency	95.7		percent	
6	Fan Motor Nominal Rating (if applicable)	NA	hp		
7	Fan Motor Nominal Efficiency	NA	G	percent	
	Input Power (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>		
	235.95	1057.4	22.31		
	201.07	902.7	22.27		
8*	166.51	741.2	22.4	46	
	133.78	577.8	23.15		
	100.32	412.7	24.31		
	91.34	368.7	24.7	77	
9*	Total Package Input Power at Zero Flow <sup>c,</sup>	d 20.4		kW	
10	Isentropic Efficiency	83.77		%	
	I otal Package Input Power at Zero Flow	20.4			
	30.00				
	25.00 25.00 25.00 20.00				
11	20.00				
	15.00				
	10.00	I I	I		



Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	Zero Flow Power
$\underline{m}^3 / \underline{min}$	$\underline{\mathrm{ft}^3} / \mathrm{min}$	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
1.5 to 15	53 to 529.7	+/- 5	+/- 6	
Above 15	Above 529.7	+/- 4	+/- 5	

ROT 031.1

12/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data.

Configurator: ETSV150-225A