

Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Hodge Compressor		
	Model Number	HB7-125	Date:	7/15/2021
2	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lea	nd Operating Pressure ^{a,e}	25.1	acfm ^{a,e}
4	Full Load Operating Press	Full Load Operating Pressure ^b		
5	Mximum Full Flow Opera	125	psig ^c	
6	Drive Motor Nominal Rat	7.5	hp	
7	Drive Motor Nominal Effi	ciencey	90.8	percent
8	Fan Motor Nominal Ratin	g (if applicable)	0.5	hp
9	Fan Motor Nominal Effici	encey	77.6	percent
10	Total Package Input Powe	er at Zero Flow ^e	2.3	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		7.2	kW ^d
12	Specific Package Input Po and Full Load Operating F	• •	29.7	kW/100cfme
13	Isentropic Efficiency		50.65	percent

NOTE:

Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, a: Annex C; ACFM is actual cubic feet per minute at inlet conditions.



b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

	Flow Rate d conditions	Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	±/ 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	

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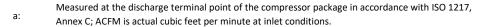
 $This form \ was \ developed \ by \ Hodge \ Compressor, \ LLC \ for \ the \ use \ by \ its \ employees, \ distributors \ and \ customers$



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Hodge Compressor		
	Model Number	HB10-125	Date:	7/15/2021
2	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lea	ad Operating Pressure ^{a,e}	37.9	acfm ^{a,e}
4	Full Load Operating Press	sure ^b	125	psig ^b
5	Mximum Full Flow Opera	125	psig ^c	
6	Drive Motor Nominal Rat	10	hp	
7	Drive Motor Nominal Effi	ciencey	91.3	percent
8	Fan Motor Nominal Ratin	g (if applicable)	0.5	hp
9	Fan Motor Nominal Effici	encey	77.5	percent
10	Total Package Input Powe	er at Zero Flow ^e	3.6	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		9.8	kW ^d
12	Specific Package Input Po and Full Load Operating F	· ·	26.7	kW/100cfme
13	Isentropic Efficiency		58.7	percent

NOTE:





b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

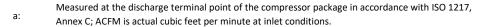
	Flow Rate d conditions	Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	±/ 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

	MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:	Hodge Compressor		
	Model Number	HB15-125	Date:	7/15/2021
2	☑ Air-Cooled		Type:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lea	ad Operating Pressure ^{a,e}	58.3	acfm ^{a,e}
4	Full Load Operating Press	Full Load Operating Pressure ^b		
5	Mximum Full Flow Opera	125	psig ^c	
6	Drive Motor Nominal Rat	15	hp	
7	Drive Motor Nominal Effi	ciencey	91.6	percent
8	Fan Motor Nominal Ratin	g (if applicable)	0.5	hp
9	Fan Motor Nominal Effici	encey	77.3	percent
10	Total Package Input Powe	er at Zero Flow ^e	4.8	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		12.9	kW ^d
12	Specific Package Input Po and Full Load Operating F	• •	23.1	kW/100cfme
13	Isentropic Efficiency		65.25	percent

NOTE:





b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

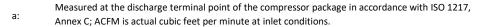
	Flow Rate d conditions	Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	±/ 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Hodge Compressor		
	Model Number	HB20-125	Date:	7/16/2021
2	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lea	ad Operating Pressure ^{a,e}	82.1	acfm ^{a,e}
4	Full Load Operating Press	Full Load Operating Pressure ^b		
5	Mximum Full Flow Opera	125	psig ^c	
6	Drive Motor Nominal Rat	20	hp	
7	Drive Motor Nominal Effi	ciencey	92.8	percent
8	Fan Motor Nominal Ratin	g (if applicable)	0.5	hp
9	Fan Motor Nominal Effici	encey	77.3	percent
10	Total Package Input Powe	er at Zero Flow ^e	5.2	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		17.3	kW ^d
12	Specific Package Input Po and Full Load Operating F	• •	21.36	kW/100cfme
13	Isentropic Efficiency		69.23	percent

NOTE:





b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

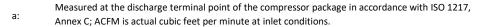
NOTE: The terms power and energy are symmetric purposes or this decament.				
Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Hodge Compressor		
	Model Number	HB25-125	Date:	7/16/2021
2	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lea	ad Operating Pressure ^{a,e}	106.3	acfm ^{a,e}
4	Full Load Operating Press	Full Load Operating Pressure ^b		
5	Mximum Full Flow Opera	125	psig ^c	
6	Drive Motor Nominal Rat	25	hp	
7	Drive Motor Nominal Effi	ciencey	92.8	percent
8	Fan Motor Nominal Ratin	g (if applicable)	1	hp
9	Fan Motor Nominal Effici	encey	84.6	percent
10	Total Package Input Powe	er at Zero Flow ^e	7.1	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		22.4	kW ^d
12	Specific Package Input Po and Full Load Operating F	• •	21.57	kW/100cfme
13	Isentropic Efficiency		69.8	percent

NOTE:





b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

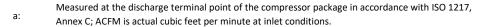
	Flow Rate d conditions	Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	±/ 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

	MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:	Hodge Compressor		
	Model Number	HB30-125	Date:	7/16/2021
2	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lea	ad Operating Pressure ^{a,e}	120.9	acfm ^{a,e}
4	Full Load Operating Press	Full Load Operating Pressure ^b		
5	Mximum Full Flow Opera	125	psig ^c	
6	Drive Motor Nominal Rat	30	hp	
7	Drive Motor Nominal Effi	ciencey	92.8	percent
8	Fan Motor Nominal Ratin	g (if applicable)	1	hp
9	Fan Motor Nominal Effici	encey	84.6	percent
10	Total Package Input Powe	er at Zero Flow ^e	8.6	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		25.1	kW ^d
12	Specific Package Input Po and Full Load Operating F	• •	21.2	kW/100cfme
13	Isentropic Efficiency		71.25	percent

NOTE:





b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

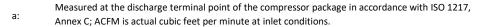
	Flow Rate d conditions	Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	±/ 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Hodge Compressor		
2	Model Number	HB45-125	Date:	7/16/2021
	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lead Operating Pressure ^{a,e}		178.4	acfm ^{a,e}
4	Full Load Operating Pressure ^b		125	psig ^b
5	Mximum Full Flow Operating Pressure ^c		125	psig ^c
6	Drive Motor Nominal Rating		45	hp
7	Drive Motor Nominal Efficiencey		93.6	percent
8	Fan Motor Nominal Rating (if applicable)		1	hp
9	Fan Motor Nominal Efficiencey		84.6	percent
10	Total Package Input Power at Zero Flow ^e		11.1	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		35.8	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e		20.65	kW/100cfme
13	Isentropic Efficiency		72.36	percent

NOTE:





b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d: Total package input power at other than reported operating points will vary with control strategy.

e: Tolerance is specified in ISO 1217, Annex C, as shown in table below

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	±/ 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	



Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer:	Hodge Compressor		
2	Model Number	HB50-125	Date:	7/16/2021
	☑ Air-Cooled		Туре:	Screw
	☑ Oil-Injected	☐ Oil-Free	# of Stages:	1
3	Rated Capacity at Full Lead Operating Pressure ^{a,e}		215.3	acfm ^{a,e}
4	Full Load Operating Pressure ^b		125	psig ^b
5	Mximum Full Flow Operating Pressure ^c		125	psig ^c
6	Drive Motor Nominal Rating		50	hp
7	Drive Motor Nominal Efficiencey		94.1	percent
8	Fan Motor Nominal Rating (if applicable)		1	hp
9	Fan Motor Nominal Efficiencey		84.6	percent
10	Total Package Input Power at Zero Flow ^e		13.4	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load operating Pressure ^d		44.1	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e		20.8	kW/100cfme
13	Isentropic Efficiency		72.43	percent

NOTE:

Measured at the discharge terminal point of the compressor package in accordance with ISO 1217,
Annex C; ACFM is actual cubic feet per minute at inlet conditions.



b: The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item I I) were measured for this data sheet.

Maximum pressure attainable at full flow, usually the unload pressure setting For load/no load control or the maximum pressure attainable before capacity control begins. May require additional power

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NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy	No Load / Zero Flow Power
m^3 / min	ft^3 / mn	%	%	%
Below 0.5	Below 17.6	+/- 7	+1.8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10 %
1.5 to 15	53 to 529.7	+/- 5	+1.6	+/- 10 %
Above 15	Above 529.7	+/- 4	+1.5	