



COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-20-100 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	89.6	acfm ^{a, f}
4	Full Load Operating Pressure ^b	100	psig ^b
5	Maximum Full Flow Operating Pressure ^c	115	psig ^c
6	Drive Motor Nameplate Rating	20	hp
7	Drive Motor Nameplate Nominal Efficiency	90.2	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	6.49	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	18.6	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	20.8	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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CAGI has not independently verified the reported data.



COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-20-110 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	89.4	acfm ^{a, f}
4	Full Load Operating Pressure ^b	110	psig ^b
5	Maximum Full Flow Operating Pressure ^c	125	psig ^c
6	Drive Motor Nameplate Rating	20	hp
7	Drive Motor Nameplate Nominal Efficiency	90.2	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	6.49	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	20.1	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	22.4	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-20-125 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	88.2	acfm ^{a, f}
4	Full Load Operating Pressure ^b	125	psig ^b
5	Maximum Full Flow Operating Pressure ^c	140	psig ^c
6	Drive Motor Nameplate Rating	20	hp
7	Drive Motor Nameplate Nominal Efficiency	90.2	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	6.49	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	21.5	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	24.4	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROPN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROPN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROPN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-25-100 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	118	acfm ^{a, f}
4	Full Load Operating Pressure ^b	100	psig ^b
5	Maximum Full Flow Operating Pressure ^c	115	psig ^c
6	Drive Motor Nameplate Rating	25	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	7.39	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	23.2	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	19.6	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-25-110 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	117	acfm ^{a, f}
4	Full Load Operating Pressure ^b	110	psig ^b
5	Maximum Full Flow Operating Pressure ^c	125	psig ^c
6	Drive Motor Nameplate Rating	25	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	6.99	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	24.4	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	20.9	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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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- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-25-125 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	
		VALUE	UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	115	acfm ^{a, f}
4	Full Load Operating Pressure ^b	125	psig ^b
5	Maximum Full Flow Operating Pressure ^c	140	psig ^c
6	Drive Motor Nameplate Rating	25	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	6.99	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	25.8	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	22.4	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-25-150 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	87.5	acfm ^{a, f}
4	Full Load Operating Pressure ^b	150	psig ^b
5	Maximum Full Flow Operating Pressure ^c	160	psig ^c
6	Drive Motor Nameplate Rating	25	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	7.59	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	23.7	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	27.1	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-30-100 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	138.5	acfm ^{a, f}
4	Full Load Operating Pressure ^b	100	psig ^b
5	Maximum Full Flow Operating Pressure ^c	115	psig ^c
6	Drive Motor Nameplate Rating	30	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.39	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	26.5	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	19.1	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-30-110 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	136.4	acfm ^{a, f}
4	Full Load Operating Pressure ^b	110	psig ^b
5	Maximum Full Flow Operating Pressure ^c	125	psig ^c
6	Drive Motor Nameplate Rating	30	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.29	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	27.7	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	20.3	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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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- e. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-30-125 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	134.9	acfm ^{a, f}
4	Full Load Operating Pressure ^b	125	psig ^b
5	Maximum Full Flow Operating Pressure ^c	140	psig ^c
6	Drive Motor Nameplate Rating	30	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.29	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	29.4	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	21.8	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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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- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-30-150 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	117.4	acfm ^{a, f}
4	Full Load Operating Pressure ^b	150	psig ^b
5	Maximum Full Flow Operating Pressure ^c	160	psig ^c
6	Drive Motor Nameplate Rating	30	hp
7	Drive Motor Nameplate Nominal Efficiency	91	percent
8	Fan Motor Nameplate Rating (if applicable)	1	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.29	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	28.7	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	24.5	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
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- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-40-100 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	188.8	acfm ^{a, f}
4	Full Load Operating Pressure ^b	100	psig ^b
5	Maximum Full Flow Operating Pressure ^c	115	psig ^c
6	Drive Motor Nameplate Rating	40	hp
7	Drive Motor Nameplate Nominal Efficiency	91.7	percent
8	Fan Motor Nameplate Rating (if applicable)	1.5	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.75	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	34.9	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	21.5	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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CAGI has not independently verified the reported data.



COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-40-110 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	188.4	acfm ^{a, f}
4	Full Load Operating Pressure ^b	110	psig ^b
5	Maximum Full Flow Operating Pressure ^c	125	psig ^c
6	Drive Motor Nameplate Rating	40	hp
7	Drive Motor Nameplate Nominal Efficiency	91.7	percent
8	Fan Motor Nameplate Rating (if applicable)	1.5	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.98	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	37.3	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	22.9	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROPN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROPN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROPN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-40-125 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	182	acfm ^{a, f}
4	Full Load Operating Pressure ^b	125	psig ^b
5	Maximum Full Flow Operating Pressure ^c	140	psig ^c
6	Drive Motor Nameplate Rating	40	hp
7	Drive Motor Nameplate Nominal Efficiency	91.7	percent
8	Fan Motor Nameplate Rating (if applicable)	1.5	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.53	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	38.9	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	25	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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COMPRESSOR DATA SHEET

Rotary Screw Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Quincy Compressor	Date: 01/01/2009	
2	Model Number: QGD-40-150 <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled <input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages: 1	VALUE UNIT
3	Rated Capacity at Full Load Operating Pressure ^{a, f}	153.2	acfm ^{a, f}
4	Full Load Operating Pressure ^b	150	psig ^b
5	Maximum Full Flow Operating Pressure ^c	160	psig ^c
6	Drive Motor Nameplate Rating	40	hp
7	Drive Motor Nameplate Nominal Efficiency	91.7	percent
8	Fan Motor Nameplate Rating (if applicable)	1.5	hp
9	Fan Motor Nameplate Nominal Efficiency	75.5	percent
10	Total Package Input Power at Zero Flow ^e	8.53	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	37.1	kW ^d
12	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^g	28.9	kW/100 cfm ^g

NOTES:

- a. Measured at the discharge terminal point of the compressor package in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217). ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 10) were measured for this data sheet.
- c. 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 the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).
- f, g. Tolerance is specified in the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217) as follows:

Volume Flow Rate at specified conditions		Volume Flow Rate ^f	Specific Energy Consumption ^g
<u>m³ / min</u>	<u>ft³ / min</u>	%	%
Below 0.5	Below 15	+/- 7	+/- 8
0.5 to 1.5	15 to 50	+/- 6	+/- 7
1.5 to 15	50 to 500	+/- 5	+/- 6
Above 15	Above 500	+/- 4	+/- 5



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