



MASTERLINE.

THE ENGINEERING EDGE

5-125 HORSEPOWER, PRESSURE LUBRICATED ELECTRIC AND GAS DRIVEN BASE OR TANK MOUNTED OUTFITS

Since 1854, CURTIS Air Compressors has empowered generations with the air power needed to turn visions into reality. Today, FSCURTIS continues the legacy with the ML Series — cast iron, pressure lubricated, low RPM compressors that feature stainless steel valve assemblies, heavy cast iron connecting rods, oversized tapered main roller bearings, and a heavy duty ductile iron crankshaft.

STAINLESS STEEL VALVE ASSEMBLIES
largest in the industry, precision ground and lapped to provide quiet and efficient operation.

INTERCOOLER *extra long with radiating fins, located in the cyclone of air from flywheel provide maximum heat dissipation.*

HEAVY DUTY CAST IRON CONNECTING RODS *heaviest in the industry, feature replaceable rod bearings and pin bushings.*

CAST IRON HIGH PRESSURE PISTONS *for durability and long life.*

OVERSIZED TAPERED MAIN ROLLER BEARINGS *adjustable to assure long life with less friction.*

PRESSURE LUBRICATION
Patented Centro-Ring Oiling System supplies pressurized oil internally through rifle drilled crankshaft and rods to all bearings and wearing surfaces.

HEAVY DUTY DUCTILE IRON CRANKSHAFT
ground and counter balanced, with rifle drilled oil flow ports.

CV-9814B
25HP simplex
tank mounted
electric



STANDARD EQUIPMENT

- Pressure lubrication system
- Slow V-belt drive
- Dynamically balanced flywheel
- NEMA designed electric motor
- Low power consumption
- ASME approved air receiver
- ASME approved safety relief valve
- ASME approved tank outlet valve
- OSHA approved enclosed beltguard
- Large metal intake filter silencers
- Manual condensate tank drain valve
- Dial read-out pressure gauge
- Factory oil filled
- 5 year limited warranty

OPTIONAL EQUIPMENT

- Air-cooled aftercooler
- Water-cooled aftercooler
- Dual control
- Low oil guard
- Magnetic motor starter
- Automatic tank drain
- Tank isolator pads

Genuine. FSCURTIS.

LEGENDARY CHOICE.

SIMPLEX COMPRESSORS

TANK MOUNTED ELECTRIC

- Pressure lubricated
- Horizontal or vertical tank
- Factory oil filled
- 5 year limited warranty

CV-9814B
25HP simplex
tank mounted electric

CQ-969A
5HP simplex
tank mounted electric

CV-9711A
10HP simplex
tank mounted
electric



SIMPLEX TANK MOUNTED ELECTRIC			Tank	Pump	RPM	CFM	Dimensions - Inches		Approx. Weight			
HP	Model						Gal.	175 PSI		L x W x H		Lbs.
	Horizontal (V)	Vertical (Q)								Horizontal	Vertical	
5	CV-969A	CQ-969A	80	D96	755	18.2	64 x 23 x 53	36 x 25 x 76	550			
7.5	CV-9610	CQ-9610		D96	885	23.2	64 x 23 x 53	36 x 25 x 76	585			
7.5	CV-7910	CQ-7910		C79	885	27.6	64 x 23 x 53	36 x 25 x 76	600			
10	CV-9711A	CQ-9711A	120	D97	710	37.4	72 x 28 x 58	36 x 34 x 84	1055			
15	CV-9712	na		D97	860	49.5	72 x 28 x 58	na	1075			
15	CV-8912	na		C89	55.8				1075			
20	CV-8913	na		C89	935	65.1	72 x 28 x 58	na	1095			
20	CV-9813B	na			720	76.5			2200			
25	CV-9814B	na	200	C98	935	91.4	74 x 43 x 74	na	2300			
30	CV-9815B	na			995	102.2					2350	

BASE MOUNTED

ELECTRIC DRIVEN

- Mounted on heavy gauge metal base
- 120 gallon air receiver available on 25-30HP
- Factory oil filled
- 5 year limited warranty

CWT-9814A

CW-9814



BASE MOUNTED ELECTRIC		Pump	RPM	CFM 175 PSI	Dimensions	Approx. Weight Lbs.
HP	Model				L x W x H	
					Inches	
5	CW-969	D96	755	18.2	36 x 22 x 32	375
7.5	CW-7910	C79	885	27.6		390
10	CW-9711	D97	710	37.4		745
15	CW-9712		860	49.5	40 x 24 x 36	770
15	CW-8912	C89	860	55.8		770
20	CW-9813	C98	720	76.5	50 x 36 x 43	1440
25	CW-9814		935	91.4		1490
30	CW-9815		995	102.2		1540
25	CWT-9814A (w/120 gal.)		C98	935	91.4	72 x 36 x 51
30	CWT-9815A (w/120 gal.)	995		102.2	1920	

MASTERLINE.

DUPLEX COMPRESSORS

ENERGY SAVING

- Alternator control panel complete with magnetic starters
- Compressors alternate during normal operation
- Both compressors run when the system demands
- Duplex design reduces electrical cost and eliminates downtime
- Factory oil filled
- 5 year limited warranty



CVD-9711B
10HP duplex
tank mounted
electric

DUPLEX TANK MOUNTED ELECTRIC

HP	Model	Tank Gal.	Pump	RPM	CFM 175 PSI	Dimensions	Approx. Weight Lbs.
						L x W x H Inches	
5	CVD-969B	120	D96	755	36.4	74 x 28 x 56	1300
7.5	CVD-7910B	200	C79	885	55.2	84 x 34 x 64	2040
10	CVD-9711B	200	D97	710	74.8	84 x 34 x 66	2600
15	CVD-9712B	200	D97	860	99.0	84 x 34 x 66	2660
15	CVD-8912B	200	C89	860	111.6	84 x 34 x 66	2700
20	CVD-9813C	240	C98	720	153.0	98 x 52 x 74	3500
25	CVD-9814C	240	C98	935	182.8	98 x 52 x 74	3750
30	CVD-9815C	240	C98	995	204.4	98 x 52 x 74	3850

GAS ENGINE DRIVEN COMPRESSORS

TANK AND BASE MOUNTED

- 12V D.C. starter and alternator
- Engine idle control when compressor demand drops
- Factory oil filled
- 5 year limited warranty

CVG-969TEG-K
13HP tank
mounted gas
Kohler engine



TANK MOUNTED GAS KOHLER ENGINE

HP	Model	Tank Gal.	Pump	RPM	CFM 175 PSI	Dimensions	Approx. Weight Lbs.
						L x W x H Inches	
13	CVG-969TEG-K	30	D96	885	23.2	42 x 21 x 46	520
13	CVG-969EG-K	60	D96		23.2	50 x 22 x 52	570
18*	CVG-7910EG-K	60	C79	800	27.6	50 x 22 x 52	610
20*	CVG-9711EG-K	60	D97		42.4	52 x 28 x 60	950
25**	CWG-8912-K	Base	C89	860	55.8	52 x 28 x 44	790

*18, 20 and 25 HP engines require auxiliary fuel tank

**25 HP unit available only as base mount

PRESSURE LUBRICATED.

Rugged Durability. UltraPack COMPRESSORS

FULLY PACKED WITH ALL THE OPTIONS YOU NEED

Simplex and Duplex - Packaged with Optional Equipment

- Air-cooled aftercooler
- Magnetic motor starter (Simplex)
- Alternator control panel (Duplex)
- Dual control (10-30HP Simplex)
- Low oil level shutdown
- Automatic tank drain
- Tank isolator pads
- Factory oil filled
- 5 year limited warranty

CVD9815CUP
Duplex
UltraPack



SIMPLEX UltraPack SERIES (5-30HP)							Magnetic Starter & Low Oil Switch	After-cooler	Tank Pads	Auto Drain	Dual Control	Approx. Weight
HP	Model		Tank Gal.	Pump	CYL	CFM @ 175 PSI						Lbs.
	Horizontal	Vertical										
5	5HT8UP	5VT8UP	80	E-50	3	17.4	YES	NO	YES	YES	NO	600
5	5E2HT8UP	5E2VT8UP	80	E-57	2	18.0	YES	YES	YES	YES	NO	575
7.5	7E2HT8UP	7E2VT8UP	80	E-57	2	23.2	YES	YES	YES	YES	NO	580
10	10HT12UPN	10VT12UPN	120	E-71	3	34.2	YES	YES	YES	YES	NO	1000
10	10HT12UPY	na	120	E-71	3	34.2	YES	YES	YES	YES	YES	1025
15	CV9712UP	na	120	D-97	2	49.5	YES	YES	YES	YES	YES	1075
20	CWT9813AUP	na	120	C-98	2	76.5	YES	YES	YES	YES	YES	1840
25	CWT9814AUP	na	120	C-98	2	91.4	YES	YES	YES	YES	YES	1870
30	CWT9815AUP	na	120	C-98	2	102.2	YES	YES	YES	YES	YES	1920

5-10HP models = CA Series

DUPLEX UltraPack SERIES (5-30HP)							Low Oil Switches	After-coolers	Tank Pads	Auto Drain	3 Position Switch	Alt. Panel	Approx. Weight
HP	Model		Tank Gal.	Pump	CYL	CFM @ 175 PSI	(2)	(2)					Lbs.
	Horizontal	Vertical											
5	5HTD12UP	na	120	E-50	3	34.8	YES	NO	YES	YES	YES	YES	940
5	5E2HTD12UP	na	120	E-57	2	36.0	YES	YES	YES	YES	YES	YES	910
7.5	7E2HTD12UP	na	120	E-57	2	46.4	YES	YES	YES	YES	YES	YES	930
10	10HTD12UP	na	120	E-71	3	68.4	YES	YES	YES	YES	YES	YES	1225
15	CVD9712BUP	na	200	D97	2	99.0	YES	YES	YES	YES	YES	YES	2660
20	CVD9813CUP	na	240	C98	2	153.0	YES	YES	YES	YES	YES	YES	3500
25	CVD9814CUP	na	240	C98	2	182.8	YES	YES	YES	YES	YES	YES	3750
30	CVD9815CUP	na	240	C98	2	204.4	YES	YES	YES	YES	YES	YES	3850

5-10HP models = CA Series

GENUINE. FSCURTIS.

LARGE INDUSTRIAL Single and Two Stage

ML LARGE INDUSTRIAL SERIES COMPRESSORS 25-125HP / UP TO 250 PSI

FSCURTIS has taken world-class compressed air power to a new level with our low speed, heavy cast iron, large industrial air compressor packages.

The ML Large Industrial Series gives you unsurpassed reliability by featuring low speed compressor pumps and electric motors to ensure a long, extended service life with low maintenance.

C-260H
ML Large
Industrial
Two Stage



INDUSTRIAL AIR COMPRESSOR — SINGLE STAGE

HP	Model	Performance Data									
		RPM	ACFM 30 PSI	RPM	ACFM 40 PSI	RPM	ACFM 50 PSI	RPM	ACFM 60 PSI	RPM	ACFM 70 PSI
25	CW-100S-14	735	196	650	170	625	152	590	134	na	na
30	CW-100S-15	850	222	810	204	770	184	166	166	na	na
50	CW-200S-17	950	400	875	357	835	330	800	303	760	278
60	CW-200S-18	na	na	na	na	950	373	875	333	835	307
75	CW-300S-19	na	na	660	562	640	512	640	496	na	na
100	CW-300S-20	na	na	835	692	800	642	760	593	720	548
125	CW-300S-21	na	na	na	na	na	na	875	687	835	639

INDUSTRIAL AIR COMPRESSOR — TWO STAGE

HP	Model	Performance Data									
		RPM	ACFM 100 PSI	RPM	ACFM 125 PSI	RPM	ACFM 150 PSI	RPM	ACFM 200 PSI	RPM	ACFM 250 PSI
25	CW-100-14	550	116	515	107	na	na	na	na	na	na
30	CW-100-15	660	139	590	123	550	114	na	na	na	na
40	CW-100-16	850	175	810	166	770	157	na	na	na	na
50	CW-100-17	875	179	875	177	875	175	na	na	na	na
40	CW-150H-16	na	na	na	na	na	na	675	123	630	113
50	CW-150H-17	na	na	na	na	na	na	810	149	810	147
60	CW-150H-18	na	na	na	na	na	na	900	165	900	162
50	CW-200-17	835	237	795	223	760	213	na	na	na	na
60	CW-260-18	940	262	870	244	835	233	na	na	na	na
50	CW-260H-17	na	na	na	na	na	na	680	182	640	174
60	CW-260H-18	na	na	na	na	na	na	835	213	800	200
75	CW-260H-19	na	na	na	na	na	na	na	na	870	219
75	CW-300-19	640	358	600	332	565	314	na	na	na	na
100	CW-300-20	835	474	795	449	760	426	na	na	na	na
125	CW-300-21	940	525	940	519	870	484	na	na	na	na
100	CW-300H-20	na	na	na	na	na	na	680	358	640	330
125	CW-300H-21	na	na	na	na	na	na	835	450	800	421

SOLID INVESTMENT.

SPECIFICATIONS

STANDARD EQUIPMENT

Includes

- Constant speed control
- V-belt drive with multi-groove flywheel
- Large metal intake filter silencers
- OSHA approved enclosed belt guard
- C-100 and C-150 — Pressure lubricated with Centro-ring™ oil system
- C-200, C-260 and C-300 — Pressure lubricated with gear type oil pump to include full flow oil filter, oil pressure gauge and low oil pressure switch

OPTIONAL EQUIPMENT

Includes

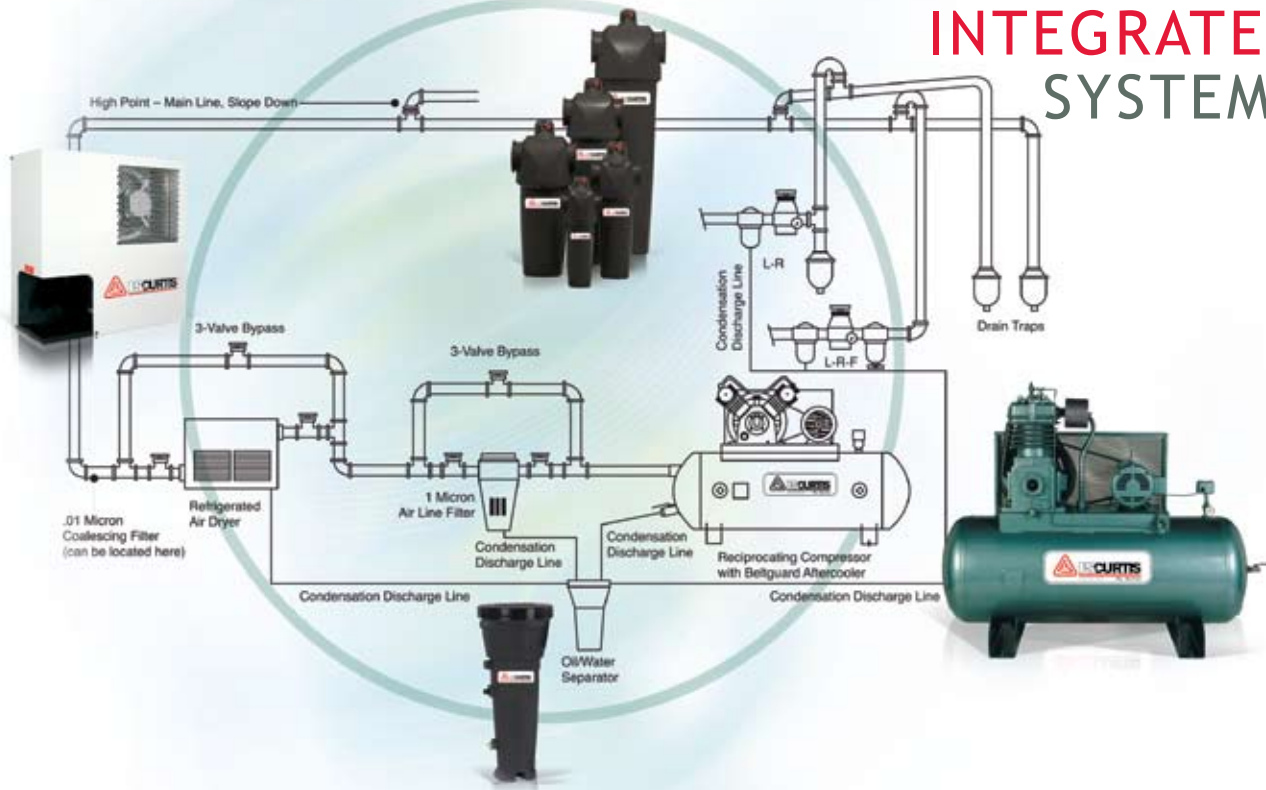
- Dual control
- Low oil shutdown on C-100 and C-150 models
- High discharge air temperature shutdown
- High inter stage air temperature shutdown
- Watercooled aftercooler
- Moisture separator for aftercooler
- Automatic drain trap for separator
- Automatic water throttle valve

PHYSICAL DATA - BASIC PUMPS		Cylinder		Approx. Weight	
Model	Oil Capacity		Dimensions		Lbs.
			L x W x H		
	Quart		Inches		
C-100	16	3	53.5 x 39.75 x 43.5	1760	
C-100S					
C-150H					
C-200					
C-200S	18	3	54 x 40 x 44.75	1825	
C-260					
C-260H					
C-300	24	6	54 x 41.5 x 44.75	1893	
C-300S					
C-300H					



PHYSICAL DATA - BASE MOUNTED COMPRESSORS		Dimensions L x W x H Inches	Net Weight	
HP	Model		Base Mounted w/Motor Lbs.	Base Mounted w/o Motor Lbs.
25	CW-100-14 / CW-100S-14	82 x 39.75 x 48.5	2430	2100
30	CW-100-15 / CW-100S-15	83 x 39.75 x 48.5	2475	2105
40	CW-100-16 / CW-100S-16 / CW-150H-16	84 x 39.75 x 48.5	2615	2140
50	CW-100-17 / CW-150H-17	85 x 40 x 51	2702	2170
	CW-200-17 / CW-200S-17 / CW-260H-17			
60	CW-150H-18 / CW-200S-18	85 x 41.5 x 51	2875	2245
	CW-260-18 / CW-260H-18			
75	CW-300-19 / CW-260H-19 / CW-300S-19	92 x 54 x 73.5	4250	3530
100	CW-300-20 / CW-300S-20 / CW-300H-20		4390	3560
125	CW-300-21 / CW-300S-21 / CW-300H-21		4485	3570

INTEGRATED SYSTEMS



BASIC PUMPS



C-98
basic pump

TWO STAGE-PRESSURE LUBRICATED PUMPS 145-250 PSI

HP	Model	ACFM 175 PSI	Flywheel Diameter O.D.	Oil Capacity Quart	Bore Inches	Stroke Inches	Dimensions	Weight Lbs.
							H x W x D Inches	
5	D-96	18.2	16 ³ / ₈	2	4 ¹ / ₂ - 2 ⁵ / ₁₆	3 ¹ / ₂	23 x 16.3 x 16.7	190
7.5		23.2						
7.5	C-79	27.6	16 ³ / ₈	2	5 - 2 ¹ / ₂	3 ¹ / ₂	21.8 x 16.3 x 15.7	200
10	D-97	37.4	17 ⁷ / ₈	2 ¹ / ₂	6 ¹ / ₄ - 3 ³ / ₈	3 ³ / ₄	29.1 x 17.8 x 21.4	480
15		49.5						
15	C-89	55.8	17 ⁷ / ₈	2 ¹ / ₂	7 - 3 ³ / ₈	3 ³ / ₄	26.5 x 17.8 x 21.6	480
20		65.1						
20	C-98	76.5	21"	6	7 ¹ / ₂ - 4 ³ / ₁₆	5	35.7 x 21 x 31.6	880
25		91.4						
30		102.2						



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9001:2000
14001:2004

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