

CURTIS -TOLEDO

ISO 9001:2000

PRODUCTS & ACCESSORIES *ORDER PLANNING WORKSHEET*

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All CURTIS-TOLEDO Products Sold Exclusively through Distributors



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**MASTERLINE SERIES AIR COMPRESSORS
SIMPLEX TANK MOUNTED ELECTRIC**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Start-Stop Control
- ASME Safety Valve
- ASME Air Receiver
- Pressure Gauge
- Intake Filter-Silencers
- Tank Shut Off Valve
- Manual Tank Drain Valve
- Totally Enclosed Beltguard

NOTE

- Magnetic Starter is necessary.
- Must specify voltage on all unit order.
- Consult distributor on applications above 175 PSI.

TWO STAGE — PRESSURE LUBRICATED 145~175PSI

HORIZONTAL MODEL	VERTICAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	WT. LBS.	COMPRESSOR		STARTER - NEMA 1		
						1 PHASE	3 PHASE	1/230V	*3/200~230V	3/460V
CV-969A	CQ-969A	5	18.2	80	550					
CV-9610	CQ-9610	7.5	23.2	80	585					
CV-7910	CQ-7910	7.5	27.6	80	600					
CV-9711A	**	10	37.4	120	1055					
CV-9712	N/A	15	49.5	120	1075					
CV-8912	N/A	15	55.8	120	1075					
CV-8913	N/A	20	65.1	120	1095					
CV-9813B	N/A	20	76.5	200	2200					
CV-9814B	N/A	25	91.4	200	2300					
CV-9815B	N/A	30	102.2	200	2350					

**FOR VERTICAL TANK ADDITIONAL COST * SPECIFY VOLTAGE 200V, 208V OR 230V

ACCESSORIES

AIR COOLED AFTERCOOLER	5~7.5HP	_____	ELECTRIC DRAIN	_____
	10~15HP	_____	PNEUMATIC DRAIN	_____
	20~30HP	_____	VIBRATION PADS	60~80GAL _____
LOW OIL GUARD		_____		120GAL _____
DUAL CONTROL		_____		200GAL _____

**MASTERLINE SERIES AIR COMPRESSORS
SIMPLEX BASE MOUNTED ELECTRIC**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Start-Stop Control
- Intake Filter-Silencers
- Totally Enclosed Beltguard
- Heavy Duty Metal Baseplate
- Drilled Mounting Holes

NOTE

- Must specify voltage on all unit orders
- Consult distributor on applications above 175 PSI

TWO STAGE --- PRESSURE LUBRICATED 145~175PSI

MODEL		HP	CFM @ 175 PSI	MOUNT	WT. LBS.	COMPRESSOR		STARTER - NEMA 1		
						1 PHASE	3 PHASE	1/230V	*3/200 ~ 230V	3/460V
CW-969	BASE	5	18.2	BASE	375					
CW-7910	BASE	7.5	27.6	BASE	390					
CW-9711	BASE	10	37.4	BASE	745			N/A		
CW-9712	BASE	15	49.5	BASE	770			N/A		
CW-8912	BASE	15	55.8	BASE	770	N/A		N/A		
CW-9813	BASE	20	76.5	BASE	1440	N/A		N/A		
CW-9814	BASE	25	91.4	BASE	1490	N/A		N/A		
CW-9815	BASE	30	102.2	BASE	1540	N/A		N/A		
CWT-9814-A	BASE w/120gal TANK	25	91.4	w/tank	1870	N/A		N/A		
CWT-9815-A	BASE w/120gal TANK	30	102.2	w/tank	1920	N/A		N/A		

* SPECIFY VOLTAGE 200V, 208V OR 230V

ACCESSORIES

AIR COOLED AFTERCOOLER	5~7.5HP	_____	LOW OIL GUARD	_____
	10~15HP	_____	ELECTRIC DRAIN	_____
	20~30HP	_____	PNEUMATIC DRAIN	_____
DUAL CONTROL		_____		

**MASTERLINE SERIES AIR COMPRESSORS
DUPLEX TANK MOUNTED ELECTRIC**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Start-Stop Control
- ASME Safety Valve
- ASME Air Receiver
- Pressure Gauge
- Intake Filter-Silencers
- Tank Shut Off Valve
- Manual Tank Drain Valve
- Totally Enclosed Beltguard

NOTE

- Alternator control panel is necessary
- Must specify voltage on all unit order.
- Consult distributor on applications above 175 PSI.

TWO STAGE --- PRESSURE LUBRICATED 145~175PSI

NEMA 1

HORIZONTAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	WT. LBS.	COMPRESSOR		ALT. CONTROL PANEL		
					1 PHASE	3 PHASE	1/230V	*3/200~ 230V	3/460V
CVD-969B	5	36.4	120	1300					
CVD-7910B	7.5	55.2	200	2040					
CVD-9711B	10	74.8	200	2600					
CVD-9712B	15	99.0	200	2660	N/A		N/A		
CVD-8912B	15	111.6	200	2700	N/A		N/A		
CVD-9813C	20	153.0	240	3500	N/A		N/A		
CVD-9814C	25	182.8	240	3750	N/A		N/A		
CVD-9815C	30	204.4	240	3850	N/A		N/A		

* SPECIFY VOLTAGE 200V, 208V OR 230V

ACCESSORIES

- | | | |
|---|---------------|-----------------------|
| AIR COOLED AFTERCOOLERS
(Quantity includes both) | 5~7.5HP _____ | ELECTRIC DRAIN _____ |
| | 10~15HP _____ | PNEUMATIC DRAIN _____ |
| | 20~30HP _____ | VIBRATION PADS _____ |
| LOW OIL GUARDS
(Quantity includes both) | _____ | 120GAL _____ |
| | _____ | 200~240GAL _____ |

OPTIONAL CONTROLS

- 120 Volt Control Circuit Transformer (2 required for Two Power Source).....
- Control Relay (required for Two Power Source).....
- T.O.A. Switch with left hand position spring return for test.....
- 3 Position Switch for Selection of:
Compressor (1 only), Automatic Alternate, Compressor (2 only).....
- Alternator (Control only) CY21AA.....
- On - Off Switches.....
- Power On Lights (Red).....
- Run Light s (Green).....

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Note: ● Indicates Two (2) Required for Duplex

**MASTERLINE SERIES AIR COMPRESSORS
BASIC PUMPS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

TWO STAGE --- PRESSURE LUBRICATED 145~250 PSI

PUMP MODEL	HP	WT. LBS.	NO UNLOADER	CENTRIFUGAL UNLOADER	*SUCTION HEAD UNLOADER
D-96	5~7.5	190			
C-79	7.5	200	N/A		
D-97	10~15	480	N/A	N/A	
C-89	15~20	480	N/A	N/A	
C-98	20~30	880	N/A	N/A	

- * QUANTITY FOR SUCTION HEAD UNLOADER COMPRESSORS DOES NOT INCLUDE UNLOADING DEVICE.
- * QUANTITY ADDER FOR SOLENOID VALVE. PLEASE SPECIFY VOLTAGE.
- * QUANTITY ADDER FOR PILOT VALVE. PLEASE SPECIFY PRESSURE SETTING.

**CHALLENGE AIR SERIES AIR COMPRESSORS
SIMPLEX TANK MOUNTED ELECTRIC**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Start-Stop Control
- ASME Safety Valve
- ASME Air Receiver
- Pressure Gauge
- Intake Filter-Silencers
- Tank Shut Off Valve
- Tank Drain Valve
- Totally Enclosed Beltguard
- Oil Level Sight Indicator

TWO STAGE – SIMPLEX TANK MOUNTED ELECTRIC

HORIZONTAL MODEL	VERTICAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	WT. LBS.	COMPRESSOR		STARTER – NEMA 1		
						1 PHASE	3 PHASE	1/230V	*3/200~230V	3/460V
3HT6	3VT6	3	8.1	60	439					
5HT8	5VT8	5	17.4	80	525					
5HT12	5VT12	5	17.4	120	795					
5E2HT8	5E2VT8	5	18.0	80	510					
7E2HT8	7E2VT8	7.5	23.2	80	530					
10HT12	---	10	34.2	120	940					
---	10VT12	10	34.2	120	940					
15HT12	---	15	46.5	120	1080	N/A		N/A		

SINGLE STAGE – SIMPLEX TANK MOUNTED ELECTRIC

HORIZONTAL MODEL	VERTICAL MODEL	HP	CFM @ 125 PSI	TANK GALS.	WT. LBS.	COMPRESSOR		STARTER – NEMA 1		
						1 PHASE	3 PHASE	1/230V	*3/200V 3/230V	3/460V
2HS3	2VS3	2	7.0	30	270					
3HS6	3VS6	3	10.4	60	439					
5ES50HS8	5ES50VS8	5	19.5	80	525					
7HS8	7VS8	7.5	23.4	80	535					
10HS12	---	10	37.7	120	940					
15HS12	---	15	53.3	120	1080	N/A		N/A		

* SPECIFY VOLTAGE 200V, 208V OR 230V

ACCESSORIES

AIR COOLED AFTERCOOLER	2~7.5HP	_____	ELECT DRAIN 115V	_____
	10~15HP	_____	PNEUMATIC DRAIN	_____
LOW OIL GUARD (not available on E2 models)		_____	VIBRATION PADS	60~80GAL _____
DUAL CONTROL		_____		120GAL _____

**CHALLENGE AIR SERIES AIR COMPRESSORS
DUPLEX TANK MOUNTED ELECTRIC**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Start-Stop Control
- ASME Safety Valve
- ASME Air Receiver
- Pressure Gauge
- Intake Filter-Silencers
- Tank Shut Off Valve
- Tank Drain Valve
- Totally Enclosed Beltguard
- Oil Level Sight Indicator

TWO STAGE – DUPLEX TANK MOUNTED ELECTRIC

NEMA 1

HORIZONTAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	WT. LBS.	COMPRESSORS		ALT. CONTROL PANEL		
					1 PHASE	3 PHASE	1/230V	*3/200-230V	3/460V
5HTD12	5	34.8	120	940					
5E2HTD12	5	36.0	120	910					
7E2HTD12	7.5	46.4	120	930					
10HTD12	10	68.4	120	1225	N/A		---		
15HTD20	15	93.0	200	1755	N/A		---		

* SPECIFY VOLTAGE 200V, 208V OR 230V

ACCESSORIES

AIR COOLED AFTERCOOLERS (Quantity includes both)	5~7.5HP _____ 10~15HP _____	ELECT DRAIN 115V _____ PNEUMATIC DRAIN _____
LOW OIL GUARDS (Quantity includes both, not available on E2 models)	_____	VIBRATION PADS 120GAL _____ 200GAL _____

OPTIONAL CONTROLS

- 120 Volt Control Circuit Transformer (2 required for Two Power Source).....
- Control Relay (required for Two Power Source).....
- T.O.A. Switch with left hand position spring return for test.....
- 3 Position switch for Selection of:
Compressor (1 only), Automatic Alternate, Compressor (2 only).....
- Alternator (Control only) CY21AA.....
- On – Off Switches.....
- Power On Lights (Red).....
- Run Lights (Green).....
- Note: • Indicates Two (2) Required for Duplex

**CHALLENGE AIR SERIES AIR COMPRESSORS
PORTABLE COMPRESSORS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- ASME Safety Valve
- ASME Air Valve
- Pressure Gauge
- Intake Filter-Silencers
- Tank Shut Off Valve
- Tank Drain Valve
- Totally Enclosed Beltguard
- Oil Level Sight Indicator

SINGLE STAGE 23 GALLON PORTABLE ELECTRIC & GAS 95~125 PSI

PORTABLE MODEL	POWER	HP	CFM @ 125 PSI	TANK GALS.	WT. LBS.	QUANTITY
P223E	1/60/115	2	7.0	23	151	
P523E	1/60/230	5	12.3	23	167	

P223E and P523E come standard with start-stop control

SINGLE STAGE 8 GALLON TWIN TANK PORTABLE ELECTRIC & GAS 95~125 PSI

PORTABLE MODEL	POWER	HP	CFM@ 125 PSI	TANK GALS.	WT. LBS.	QUANTITY
PHT8G	HONDA GAS	5.5	12.3	8-TT	159	

PHT8G come standard with engine idle control

**CHALLENGE AIR SERIES AIR COMPRESSORS
BASIC PUMPS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

TWO STAGE 145~175 PSI

PUMP MODEL	HP	ACFM @ 175 PSI	WT. LBS.	QUANTITY
E-11	1	3.0	48	
E-23	2	6.0	67	
	3	8.1		
E-35	5	14.0	93	
E-50	5	17.4	155	
E-57 E-57	5	17.9	134	
	7.5	23.2		
E-71 E-71	7.5	26.1	262	
	10	34.2		
E-15	15	45.0	393	

SINGLE STAGE 95~125 PSI

PUMP MODEL	HP	ACFM @ 125 PSI	WT. LBS.	QUANTITY
ES-03	0.5	1.8	28	
ES-05	0.5	1.9	33	
ES-06	0.75	3.1	33	
ES-10	2	7.0	50	
ES-20	3	10.4	70	
	5	12.3		
ES-30	5	14.3	112	
ES-50	5	19.5	157	
	7.5	23.4		
ES-100	10	37.7	267	
ES-150	15	53.3	393	

PUMPS INCLUDE FLYWHEEL, INTAKE FILTER SILENCERS, SUCTION VALVE HEAD UNLOADERS

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ULTRA-PACK SERIES AIR COMPRESSORS
SIMPLEX TANK MOUNTED ELECTRIC

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- ASME Safety Valve
- ASME Air Receiver
- Pressure Gauge
- Intake Filter-Silencers
- Tank Shut Off Valve
- Tank Drain Valve
- Totally Enclosed Beltguard
- Oil Level Sight Indicator

TWO STAGE – TANK MOUNTED ELECTRIC

HORIZONTAL MODEL	VERTICAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	COMPRESSOR	
					1/60/230V	*3/60/200-230 or 460V
5HT8UP	5VT8UP	5	17.4	80		
5E2HT8UP	5E2VT8UP	5	18.0	80		
7E2HT8UP	7E2VT8UP	7.5	23.2	80		
10HT12UPN	---	10	34.2	120	---	
---	10VT12UPN	10	34.2	120	---	
10HT12UPY	---	10	34.2	120	---	
15HT12UP	---	15	46.5	120	---	

*SPECIFY VOLTAGE 200V, 208V, 230V OR 460V

INCLUDED EQUIPMENT ON EACH MODEL

HORIZONTAL MODEL	VERTICAL MODEL	STARTER MTD.	VIB PADS	LOW OIL SWITCH	AIR COOLED AFTERCOOLER	AUTO DRAIN	DUAL CONTROL
5HT8UP	5VT8UP	YES	YES	YES	NO	YES	NO
5E2HT8UP	5E2VT8UP	YES	YES	NO	YES	YES	NO
7E2HT8UP	7E2VT8UP	YES	YES	NO	YES	YES	NO
10HT12UPN	---	YES	YES	YES	YES	YES	NO
---	10VT12UPN	YES	YES	YES	YES	YES	NO
10HT12UPY	---	YES	YES	YES	YES	YES	YES
15HT12UP	---	YES	YES	YES	YES	YES	YES

TOLEDO TOOLS SERIES SIMPLEX COMPRESSORS, PUMPS & PARTS

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

TWO STAGE – TANK MOUNTED ELECTRIC

MODEL	HP	PUMP	CFM @ 150 PSI	TANK GALS.	WT. LBS.	COMPRESSOR		STARTER – NEMA 1		
						1 PHASE	3 PHASE	1/230V	*3/200~230V	3/460V
540VT6	5	40CT	17.8	60V	470		---	---	---	---
540VT8	5	40CT	17.8	80V	510					
740VT8	7.5	40CT	23.0	80V	530					
760VT8	7.5	60CT	29.0	80V	565					
760HT12	7.5	60CT	29.0	120H	820					
1060HT12	10	60CT	34.1	120H	825					

* SPECIFY VOLTAGE 200V, 208V OR 230V

TWO STAGE – TANK MOUNTED GAS ENGINE DRIVEN

MODEL	HP ENGINE	PUMP	CFM @ 175 PSI	TANK GALS.	WT. LBS.	QUANTITY
1360GT3-K	13 KOHLER	60CT	28.5	30H	470	
1360GT6-K	13 KOHLER	60CT	28.5	60H	520	
1360GT3-HE	13 HONDA	60CT	28.5	30H	455	
1360GT6-HE	13 HONDA	60CT	28.5	60H	505	

MODEL 40CT REPLACEMENT PARTS

PART NO.	DESCRIPTION	QUANTITY
CCC1700	Gasket Kit	
CCC1701	Valve Plate Ass.	
CCC1702	L P Ring Kit	
CCC1703	H P Ring Kit	
CCC1704	Shaft Seal	
CCC1705	Oil Sight Glass	
CCC1720	Oil Plug	
CCC1707	Breather Tube	
CCC1708	Intercooler	
VA1163	Intake Filter	
VA1162	Filter Canister Ass	

TWO STAGE – BASIC PUMPS

MODEL	HP	RPM	CFM @ 100 PSI	CFM @ 150 PSI	WT. LBS.	QUANTITY
40CT	5	869	18.1	17.8	124	
40CT	7.5	945	23.5	23.0	124	
60CT	7.5	825	29.5	29.0	146	
60CT	10	895	34.7	34.1	146	

on all basic pumps

ACCESSORIES

ELECTRIC DRAIN 115V _____
 PNEUMATIC DRAIN _____
 VIBRATION PADS 60-80GAL _____
 120GAL _____

MODEL 60CT REPLACEMENT PARTS

CCC1709	Gasket Kit	
CCC1710	Valve Plate Ass.	
CCC1711	L P Ring Kit	
CCC1712	H P Ring Kit	
CCC1713	Shaft Seal	
CCC1705	Oil Sight Glass	
CCC1720	Oil Plug	
CCC1716	Breather Tube	
CCC1717	Intercooler	
VA1165	Intake Filter	
VA1164	Filter Canister Ass	

R/S SERIES ROTARY SCREW AIR COMPRESSORS BASE MOUNTED

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Air-end Manufactured to ISO 9001 Standards
- Heavy Duty ODP NEMA Designed Motors
- Drive Guard
- Intake Filter Silencer, Heavy Duty Standard 40~300HP
- Minimum Pressure Valve
- Oil Level Sight Glass
- Vented Oil Fill Plug
- Thermostatic Oil Control Valve
- Side by Side Air/Oil Cooler
- Distributor Fill Synthetic Lubricant
- Convenient Main Frame Handling Slots
- NEMA 1 Control Panel with Starters
- 115 Volt Control Transformer
- Control Circuit with Fused Protection
- Start-Stop Buttons
- Load/Unload Switch
- Timed Dual Control, 10~20 HP
- Timed Dual Control with Modulation, 25~50HP
- On Line / Off Line with Modulation 60~300HP
- Hour Meter
- Dual High Temperature Shut Down Switches
- Temperature Gauge
- Line Pressure Gauge, Liquid Filled
- Separator Pressure Gauge, Liquid Filled

MODEL	HP	CFM @ 100 PSI	CFM @ 125 PSI	DRIVE STYLE	QUANTITY – NEMA 1				
					UNIT 460V	CABINET	Add'l SOUND REDUCTION	200 V	230 V
R/S-10	10	42	39	BELT		STD.	N/A		STD.
R/S-15	15	67	58						
R/S-20	20	88	82						
R/S-25	25	108	104						
R/S-30A	30	125	118						
R/S-30	30	140	130						
R/S-40	40	191	173						
R/S-50	50	225	212						
R/S-50-AD	50	225	215	DIRECT					
R/S-50-D	50	240	222						
R/S-60-D	60	280	275						
R/S-75-D	75	365	329						
R/S-100-D	100	465	458						
R/S-125-D	125	600	570					N/A	
R/S-150-D	150	760	706					N/A	N/A
R/S-200-D	200	960	860					N/A	N/A
R/S-250-D	250	1170	1073					N/A	N/A
R/S-300-D	300	1450	1298					N/A	N/A

ACCESSORIES

- ELECTRONIC DRAIN _____
- PNEUMATIC DRAIN _____
- PSID INDICATORS (EACH) _____
- AIRTRON M-6 MICROPROCESSOR _____
- TIMED DUAL CONTROL (option RS60D-RS300D) _____
- MODULATION CONTROL (option RS15-RS20) _____

- WATER COOLED AFTER COOLER _____
- HEAVY DUTY INTAKE FILTER 15~25HP _____
- 30HP _____
- 40~300HP _____

(ACCESSORIES CONTINUED ON PAGE 16)

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**R/S SERIES ROTARY SCREW AIR COMPRESSORS
BASE MOUNTED (ACCESSORIES CONTINUED)**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STD HIGH EFF. MOTORS

15-20HP _____
25-30HP _____
40-50HP _____
60HP _____
75HP _____
100HP _____
125-150HP _____
200-300HP _____

TEFC MOTORS

15-20HP _____
25-30HP _____
40-50HP _____
60HP _____
75HP _____
100-125HP _____
150HP _____
200-300HP _____

460V SOLID STATE STARTERS

50-60HP _____
75-100HP _____
125-200HP _____
250-300HP _____

460V WYE DELTA STARTERS

15-50HP _____
60-100HP _____
125-200HP _____
250-300HP STD _____

NEMA 4 CONTROLS

15-30HP _____
40-50HP _____
60-75HP _____
100-200HP _____
250-300HP _____

AUTOMATIC LEAD LAG PANEL (FOR 2 UNITS) _____
MANUAL LEAD LAG PANEL (FOR 2 UNITS) _____
LEAD LAG RELAY w/ BASE SOCKET FOR M-6
(1 REQUIRED FOR 2 UNITS) _____
PHASE RELAY _____
SOCKET FOR PHASE RELAY _____

**R/S SERIES ROTARY SCREW AIR COMPRESSORS
TANK MOUNTED**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Air-end Manufactured to ISO 9001 Standards
- Heavy Duty ODP NEMA Designed Motors
- Drive Guard
- Intake Filter Silencer, Heavy Duty Standard 40~50HP
- Minimum Pressure Valve
- Oil Level Sight Glass
- Vented Oil Fill Plug
- Thermostatic Oil Control Valve
- Side by Side Air/Oil Cooler
- Distributor Fill Synthetic Lubricant
- Convenient Main Frame Handling Slots
- NEMA 1 Control Panel with Starters
- 115 Volt Control Transformer
- Control Circuit with Fused Protection
- Start-Stop Buttons
- Load/Unload Switch
- Timed Dual Control, 10~20 HP
- Timed Dual Control with Modulation, 25~50HP
- Tank Mounted
- Hour Meter
- Dual High Temperature Shut Down Switches
- Temperature Gauge
- Line Pressure Gauge, Liquid Filled
- Separator Pressure Gauge, Liquid Filled

MODEL	HP	CFM @ 100 PSI	CFM @ 125 PSI	DRIVE STYLE	TANK GALS	QUANTITY – NEMA 1				
						UNIT 460V	CABINET	ADD'L SOUND REDUCTION	200 V	230 V
R/S-10-T ^①	10	42	39	BELT	80					
R/S-15-T ^①	15	67	58		80					
R/S-20-T	20	88	82		120					
R/S-25-T	25	108	104		120					
R/S-30A-T	30	125	118		120					
R/S-30-T	30	140	130		120					
R/S-40-T	40	191	173		200					
R/S-50-T	50	225	212		200					

① For 120 Gallon tank add _____

ACCESSORIES

- | | |
|----------------------------------|---|
| ELECTRONIC DRAIN _____ | MODULATION CONTROL (option RS15-RS20) _____ |
| PNEUMATIC DRAIN _____ | WATER COOLED AFTER COOLER _____ |
| PSID INDICATORS EACH _____ | HEAVY DUTY INTAKE FILTER 15~25HP _____ |
| AIRTRON M-6 MICROPROCESSOR _____ | 30HP _____ |
| WYE DELTA STARTER _____ | 40~50HP STD _____ |

- | | |
|----------------------|---------------|
| STD HIGH EFF. MOTORS | TEFC MOTORS |
| 15-20HP _____ | 15-20HP _____ |
| 25-30HP _____ | 25-30HP _____ |
| 40-50HP _____ | 40-50HP _____ |

- NEMA 4 CONTROLS
- 15-30HP _____
- 40-50HP _____

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**KS SERIES ROTARY SCREW AIR COMPRESSORS
BASE MOUNTED ENCLOSED**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Air-end manufactured to ISO 9001 Standards
- Low DBA Acoustical Enclosure
- Totally Enclosed Drive Guard
- Dry Type Inlet Filter/Silencer
- Oil Filter with Bypass
- Multi-Stage Air/Oil Separator
- Side by Side Air/Oil Cooler
- Separator Tank Safety Valve
- Thermostatic Oil Temperature Valve
- Minimum Pressure Valve
- Oil Level Sight Gauge
- Dual High Temperature Shutdowns
- Dual Hour Meters – Run & Load
- Distributor Fill 8000 HR Lubricant
- Airtron 3 Micro Processor 10 – 20 HP
- Airtron 6 Micro Processor 25 – 50 HP
- Control Panel with Safety Switch
- 24 Volt Control Circuit
- Control Circuit Protection
- D-O-L Starter 10 – 20 HP
- Wye-Delta Starter 25 – 50 HP
- Heavy Duty TEFC Motor
- Start Delay Blow down Timer
- Emergency Shutdown Switch 25 – 50 HP
- Phase Reversal Protection
- Motor Overload Protection
- Easy Adjusting Belt Tensioner 10 – 40 HP
- Automatic Belt Tensioner 50 HP

MODEL	HP	CFM @ 100 PSI	CFM @ 125 PSI	QUANTITY – NEMA 1		
				UNIT 460V	200V	230V
KS-10	10	42	38			
KS-15	15	63	55			
KS-20	20	86	79			
KS-25	25	106	102			
KS-30	30	125	118			
KS-40	40	188	169			
KS-50	50	222	209			

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**AF SERIES AUTOMATIC FLOW
VARIABLE SPEED ROTARY SCREW COMPRESSORS
BASE MOUNTED**

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STANDARD EQUIPMENT

- Air-end manufactured to ISO 9001 Standards
- Heavy duty TEFC speed adjustable motors
- Motor-compressor drive guard
- Hour meters
- Heavy duty intake filter
- Heavy duty oil filter with bypass
- Side-by-side air/oil cooler
- ASME/CRN rated separator tank
- ASME separator tank safety valve
- Multi-stage air/oil separator element
- Oil level sight glass
- Minimum pressure valve
- Distributor fill synthetic oil
- Automatic speed control
- NEMA 12 control panel with IP54 filter fans
- High resolution color touch screen control
- Accumulative energy savings calculation display
- Comprehensive operational data display
- Service advisory and diagnostic display
- Fault history display
- Timed shutdown with sleep mode
- Automatic restart
- Dual high temperature shutdown protection
- Convenient main frame handling slots
- Remote control capable (optional remote station required)
- Lead/Lag control capable (optional timer required)

MODEL	MAX. HP	MAX. CFM @ 100 PSI	WEIGHT (LBS.)	QUANTITY	
				UNIT 460V	CABINET
AF-108	25	108	1400		
AF-225	50	225	2150		
AF-250	50	250	2300		
AF-280	60	280	2740		
AF-370	75	370	3340		
AF-460	100	460	3600		
AF-600	125	600	6120		
AF-760	150	760	6250		
AF-960	200	960	6600		

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LARGE INDUSTRIAL AIR COMPRESSORS

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

BASIC PUMPS

- Constant Speed Control
- Multi-groove Flywheel
- Dry Intake Filter
- C-100 and C-150:
 - Pressure Lubrication With Centro-Ring™ Oil System
- C-200, C-260, C-300:
 - Pressure Lubrication With Gear Type Oil Pump
 - Full Flow Oil Filter
 - Oil Pressure Gauge
 - Low Oil Pressure Shutdown Switch

STANDARD EQUIPMENT

BASE MOUNTED UNITS

- Multi-groove Flywheel
- Set Of Matched Belts
- 3 Phase, 60 Hertz, 230/460 Volt Motor
- V-Belt Drive
- Belt Guard

LOW PRESSURE 30~70 PSIG BASIC AND BASE MOUNTED — SINGLE STAGE				
BASIC MODEL	HP	QUANTITY	BASE MOUNTED WITH MOTOR	QUANTITY
C-100S	25		CW-100S-14	
C-100S	30		CW-100S-15	
C-100S	40		CW-100S-16	
C-200S	50		CW-200S-17	
C-200S	60		CW-200S-18	
C-300S	75		CW-300S-19	
C-300S	100		CW-300S-20	
C-300S	125		CW-300S-21	

MEDIUM PRESSURE 100~150 PSIG BASIC AND BASE MOUNTED — TWO STAGE				
BASIC MODEL	HP	QUANTITY	BASE MOUNTED WITH MOTOR	QUANTITY
C-100	25		CW-100-14	
C-100	30		CW-100-15	
C-100	40		CW-100-16	
C-100	50		CW-100-17	
C-200	50		CW-200-17	
C-260	60		CW-260-18	
C-300	75		CW-300-19	
C-300	100		CW-300-20	
C-300	125		CW-300-21	

HIGH PRESSURE 200~250 PSIG BASIC AND BASE MOUNTED — TWO STAGE				
BASIC MODEL	HP	QUANTITY	BASE MOUNTED WITH MOTOR	QUANTITY
C-150-H	40		CW-150H-16	
C-150-H	50		CW-150H-17	
C-260-H	50		CW-260H-17	
C-150-H	60		CW-150H-18	
C-260-H	60		CW-260H-18	
C-260-H	75		CW-260H-19	
C-300-H	100		CW-300H-20	
C-300-H	125		CW-300H-21	

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**LARGE INDUSTRIAL AIR COMPRESSORS
ACCESSORIES**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

DESCRIPTION	C-100 / C-150		C-200 / C-260		C-300	
	PART NO.	QUANTITY	PART NO.	QUANTITY	PART NO.	QUANTITY
Dual Control ①	CY3BF		CY3GQ2		CY3BH	
Low-Oil Guard	CA2331		Not Required --- Low Oil Pressure Shut Down Supplied As Standard			
High Discharge Air Temperature Shut Down	VS1208		VS1208		VS1208	
High Interstage Air Temperature Shut Down	VS1209		VS1209		VS1209	
Water-Cooler Aftercooler ②	75HP	VA504	VA527		VA515	
	100HP					
	125HP					
Moisture Separator for Above Aftercooler	75HP	VA518	VA525		VA510	
	100HP					
	125HP					
Automatic Drain Trap for Separator	VA508		VA508		VA508	
Automatic Water Throttle Valve ③	CY20-L		CY20-Z		CY20-AA	

- ① Dual control is not mounted & consists of pressure switch, solenoid unloader, and Hand-Off-Automatic selector switch. Magnetic starter is required.
- ② For field installation only.
- ③ Specify voltage.

**OIL-LESS AIR COMPRESSORS
TANK MOUNTED PACKAGES**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

STANDARD EQUIPMENT

- Magnetic Starter (Simplex)
- Alternator Panel (Duplex)
- Hour Meter
- UL Pressure Switch
- Auto Start/Stop Control
- Loadless Starting
- Air Pressure Gauge
- Intake Filter Silencer
- Manual Tank Drain Valve
- Slow V-Belt Drive
- Air-Cooled Aftercooler
- OSHA Approved Belt Guard
- ASME Safety Relief Valve
- ASME Air Service Valve
- Vertical or Horizontal Tank

SINGLE STAGE SIMPLEX TANK MOUNTED 90~110PSI

HORIZONTAL MODEL	VERTICAL MODEL	HP	CFM @ 100 PSI	TANK GALS.	PUMP	WT. LBS.	QUANTITY	
							1 PHASE	3 PHASE
OL31TH6	OL31VT6	3	11.0	60	OL512	475		
OL51TH6	OL51VT6	5	18.5	60	OL512	495		
OL51TH8	OL51VT8	5	18.5	80	OL512	525		
OL71TH8	N/A	7.5	25.6	80	D823	870	---	
OL101TH12	N/A	10	33.0	120	D824	890	---	
OL101TH20	N/A	10	33.0	200	D824	1290	---	

SINGLE STAGE DUPLEX TANK MOUNTED 90~110PSI

HORIZONTAL MODEL	HP	CFM @ 100 PSI	TANK GALS.	PUMP	WT. LBS.	QUANTITY	
						1 PHASE	3 PHASE
OL31HTD12	3 (2)	22.0	120	OL512	885		
OL51HTD12	5 (2)	37.0	120	OL512	905		
OL71HTD12	7.5 (2)	51.2	120	D823	1135	---	
OL101HTD12	10 (2)	66.0	120	D824	1185	---	
OL101HTD20	10 (2)	66.0	200	D824	1585	---	

TWO STAGE SIMPLEX TANK MOUNTED 145~175PSI

HORIZONTAL MODEL	VERTICAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	PUMP	WT. LBS.	QUANTITY	
							1 PHASE	3 PHASE
OL52HT6	OL52VT6	5	14.0	60	OL524	500		
OL52HT8	OL52VT8	5	14.0	80	OL524	530		

TWO STAGE DUPLEX TANK MOUNTED 145~175PSI

HORIZONTAL MODEL	HP	CFM @ 175 PSI	TANK GALS.	PUMP	WT. LBS.	QUANTITY	
						1 PHASE	3 PHASE
OL52HTD12	5 (2)	28.0	120	OL524	915		

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**OIL-LESS AIR COMPRESSORS
BASIC PUMPS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

PUMP MODEL	HP	WT. LBS.	ACFM DELIVERED	PUMP TYPE	PUMP RPM	QUANTITY
OL512	3~5	122	11.0 - 18.5	1 STAGE	800~978	
D823	7.5	150	25.6	1 STAGE	850	
D824	10	150	33	1 STAGE	1060	
OL524	5	127	14	2 STAGE	960	

VACUUM PUMPS

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VACUUM BASIC PUMP 27.5 HG MAX @ SEA LEVEL

PUMP MODEL	HP	CFM-D	PUMP RPM	WT. LBS.	QUANTITY
VP2	0.33~0.5	6.6~9.3	640~900	51	
VP3	0.5~1	10.3~15.3	610~900	71	
VP4	0.75~1.5	13.4~19.2	630~900	114	
VP5	1 - 2	17.9~28.5	560~900	159	
VP6	2 - 3	34.9~52.4	600~900	270	
VP7	3 - 5	57.4~86.0	600~900	405	

OIL MIST EXHAUST FILTERS

PART NUMBER	HP RANGE	QUANTITY
OMF-100	0.33~1	
OMF-125	1.5~2	
OMF-200	3~5	

Use Curtis system evacuation curves to select the proper vacuum model size.

Tank mounted units include adjustable vacuum switch. (Duplex units include 2 switches).

If acid vapors, condensation, dust or foreign matter is present, suitable filtration and separators must be installed prior to pump and package.

**CLIMATE CONTROL COMPRESSOR
SIMPLEX TANK MOUNTED**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	HP	RPM	CFM/F.A.D. @ 80 PSI	TANK GALS.	WT. LBS.	QUANTITY		
						1 PHASE 115~208/230	3 PHASE 200~230/460	SPRING ISOLATORS
2SA2	1/3	460	1.7	20	140			
3SA2	1/3	460	1.7	30	160			
2SA3	1/2	530	2.1	20	145			
3SA3	1/2	530	2.1	30	165			
3SF4	3/4	460	3.2	30	175			
3SG5	1	490	4.1	30	220			
6SG5	1	490	4.1	60	305			
3SH6	1-1/2	580	6.1	30	220			
6SH6	1-1/2	580	6.1	60	310			
8SH6	1-1/2	580	6.1	80	390			
6SJ7	2	490	7.5	60	350			
8SJ7	2	490	7.5	80	410			
6SN8	3	495	11.3	60	415			
8SN8	3	495	11.3	80	480			
8SN9	5	650	15.2	80	485	N/A		
12SN9	5	650	15.2	120	680	N/A		
8SS9	5	550	17.5	80	630	N/A		
12SS9	5	550	17.5	120	800	N/A		
8ST10	7-1/2	680	29.7	80	655	N/A		
12ST10	7-1/2	680	29.7	120	850	N/A		
20ST10	7-1/2	680	29.7	200	1050	N/A		
12SW11	10	560	37.6	120	1005	N/A		
20SW11	10	560	37.6	200	1205	N/A		
20SZ12	15	650	67.4	200	1750	N/A		
20SZ13	20	795	82.2	200	1800	N/A		
20SZ14	25	935	92.7	200	2050	N/A		

**CLIMATE CONTROL COMPRESSORS
SIMPLEX TANK MOUNTED WITH DRYER**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	HP	RPM	CFM/F.A.D. @ 80 PSI	TANK GALS.	WT. LBS.	QUANTITY		
						1 PHASE 115~208/230	3 PHASE 200~230/460	SPRING ISOLATORS
3SA2-D	1/3	460	1.7	30	215			
3SA3-D	1/2	530	2.1	30	220			
3SF4-D	3/4	460	3.2	30	230			
6SG5-D	1	490	4.1	60	275			
6SH6-D	1-1/2	580	6.1	60	300			
6SJ7-D	2	490	7.5	60	405			
8SJ7-D	2	490	7.5	80	465			
8SN8-D	3	495	11.3	80	535			
8SN9-D	5	650	15.2	80	540	N/A		
12SN9-D	5	650	15.2	120	756	N/A		
12SS9-D	5	550	17.5	120	855	N/A		

**CLIMATE CONTROL COMPRESSORS
DUPLEX TANK MOUNTED**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	HP	RPM	CFM/F.A.D. @ 80 PSI	TANK GALS.	WT. LBS.	QUANTITY		
						1 PHASE 115~208/230	3 PHASE 200~230/460	SPRING ISOLATORS
3DA2	1/3	460	1.7	30	220			
3DA3	1/2	530	2.1	30	255			
6DA3	1/2	530	2.1	60	350			
3DF4	3/4	460	3.2	30	285			
6DF4	3/4	460	3.2	60	390			
6DG5	1	490	4.1	60	470			
8DG5	1	490	4.1	80	530			
6DH6	1-1/2	580	6.1	60	465			
8DH6	1-1/2	580	6.1	80	535			
6DJ7	2	490	7.5	60	490			
8DJ7	2	490	7.5	80	615			
8DN8	3	495	11.3	80	725			
12DN8	3	495	11.3	120	940			
12DN9	5	650	15.2	120	950	N/A		
12DS9	5	550	17.5	120	1185	N/A		
20DS9	5	550	17.5	200	1400	N/A		
20DT10	7-1/2	680	29.7	200	1475	N/A		
20DW11	10	560	37.6	200	1755	N/A		
24DZ12	15	650	67.4	240	2900	N/A		
24DZ13	20	795	82.2	240	2990	N/A		
24DZ14	25	935	92.7	240	3750	N/A		

**CLIMATE CONTROL COMPRESSORS
DUPLEX TANK MOUNTED WITH DRYER**

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MODEL	HP	RPM	CFM/F.A.D. @ 80 PSI	TANK GALS.	WT. LBS.	QUANTITY		
						1 PHASE 115~208/230	3 PHASE 200~230/460	SPRING ISOLATORS
6DA2-D	1/3	460	1.7	60	275			
6DA3-D	1/2	530	2.1	60	405			
6DF4-D	3/4	460	3.2	60	445			
6DG5-D	1	490	4.1	60	525			
8DG5-D	1	490	4.1	80	585			
6DH6-D	1-1/2	580	6.1	60	520			
8DH6-D	1-1/2	580	6.1	80	590			
6DJ7-D	2	490	7.5	60	545			
8DJ7-D	2	490	7.5	80	635			
8DN8-D	3	495	11.3	80	780			
12DN8-D	3	495	11.3	120	995			
12DN9-D	5	650	15.2	120	1000	N/A		
12DS9-D	5	550	17.5	120	1240	N/A		
20DS9-D	5	550	17.5	200	1455	N/A		

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**CLIMATE CONTROL COMPRESSORS
SIMPLEX BASE MOUNTED**

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MODEL	HP	RPM	CFM/F.A.D. @ 80 PSI	WT. LBS.	QUANTITY		
					1 PHASE 115~208/230	3 PHASE 200~230/460	SPRING ISOLATORS
WSG5	1	490	4.1	200			
WSJ7	2	490	7.5	375			
WSN8	3	495	11.3	415			
WSS9	5	550	17.5	558	N/A		
WSW11	10	560	37.6	1000	N/A		
WSZ12	15	650	67.4	1150	N/A		
WSZ13	20	795	82.2	1325	N/A		
WSZ14	25	935	92.7	1450	N/A		

**CLIMATE CONTROL COMPRESSORS
DUPLEX BASE MOUNTED**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	HP	RPM	CFM/F.A.D. @ 80 PSI	WT. LBS.	QUANTITY		
					1 PHASE 115~208/230	3 PHASE 200~230/460	SPRING ISOLATORS
WDG5	1	490	4.1	475			
WDJ7	2	490	7.5	620			
WDN8	3	495	11.3	860			
WDS9	5	550	17.5	990	N/A		
WDW11	10	560	37.6	1430	N/A		
WDZ12	15	650	67.4	2640	N/A		
WDZ13	20	795	82.2	2750	N/A		
WDZ14	25	935	92.7	2950	N/A		

**CLIMATE CONTROL COMPRESSORS
ACCESSORIES
STARTERS & ALTERNATOR CONTROL PANELS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MAGNETIC MOTOR STARTERS (MOUNTED & WIRED)

HP	1 PHASE – NEMA 1		3 PHASE – NEMA 1		
	115V	200/230V	200V	230V	460V
1/3					
1/2					
3/4~1					
1-1/2					
2					
3					
5	---				
7-1/2	---	---			
10	---	---			
15	---	---			
20	---	---			
25	---	---			

ALTERNATOR CONTROL PANEL (MOUNTED & WIRED)

HP	1 PHASE - NEMA 1		3 PHASE – NEMA 1		
	115V	200/230V	200V	230V	460V
1/3					
1/2 - 1					
1 1/2					
2	---				
3	---				
5	---				
7-1/2	---	---			
10	---	---			
15	---	---			
20	---	---			
25	---	---			

Alternator panels include 2 magnetic starters & 1 alternator.

OPTIONAL CONTROLS

- 120 Volt Control Circuit Transformer (2 required for Two Power Source).....
- Control Relay (required for Two Power Source).....
- T.O.A. Switch with left hand position spring return for test.....

- 3 Position Switch for Selection of:
Compressor (1 only), Automatic Alternate, Compressor (2 only).....

- Alternator (Control only) CY21AA.....
- On – Off Switch.....
- Low Oil Shutdown Switch.....
- Power On Light (Red).....
- Run Light (Green).....
- Note: • Indicates Two (2) Required for Duplex

PLEASE SPECIFY VOLTAGE FOR ALL STARTERS & ALTERNATOR CONTROL PANELS

ACCESSORIES

- VA539 Pneumatic Tank Drain (3/8 NPT)(MTD.) _____
- VF134B Isolator Pads (4x4) _____
- VF134C Isolator Pads (4x6) _____
- PRV Station CA-3212 _____ (coalescing filter, regulator, gauge & safety valve)
- PRV Station CA-3212 (with/3valve bypass) _____ (coalescing filter, regulator, gauge, safety valve & 3 valve bypass)
- VA536 Automatic Electronic Drain 115V – 3/8" _____ (mounted with manual shut-off valve & drain)
- Automatic Electronic Drain 115V – 3/8" _____ (not mounted)

**CLIMATE CONTROL COMPRESSORS
TANKS & BASIC PUMPS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

ASME TANKS

GALLON	PART NO.	DIMENSION (in)	WEIGHT LBS
30	OFC-215	16×38	90
60	OFC-216	20×48	144
80	OFC-217	24×48	184
120	OQC-207	24×68	320
200	OFC-299	30×72	536
240	OFC-200	30×84	609

BASIC PUMPS

MODEL	HP	WEIGHT	QUANTITY
A	1/3~1/2	33	
F	3/4	50	
G	1	67	
H	1-1/2	70	
J	2	112	

MODEL	HP	WEIGHT	QUANTITY
N	3	157	
S	5	262	
T	5~7-1/2	267	
W	10	402	
Z	10/15/20/25	880	

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REFRIGERATED AIR DRYERS
CR SERIES REFRIGERATED DRYERS

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	STANDARD VOLTAGE	IN/OUT CONNECTION (in)	DIMENSION			WEIGHT (lb)	QUANTITY	
			H (in)	W (in)	D (in)		AIR-COOLED	WATER-COOLED
HPR5-10	1/60/115	3/8" OD	15.4	12.6	12.6	64		N/A
CR-10		3/8" OD	15.4	12.6	12.6	64		N/A
CR-15		3/8" OD	15.4	12.6	12.6	69		N/A
CR-25		3/4" NPT	22.2	15.5	14.5	88		N/A
CR-35		3/4" NPT	22.2	15.5	14.5	92		N/A
CR-50		3/4" NPT	22.2	19.7	19.7	101		N/A
CR-75		3/4" NPT	20	19	20	110		N/A
CR-100		1" NPT	21	13	30	123		N/A
CR-125		1" NPT	21	13	30	153		N/A
CR-150		1" NPT	21	13	30	161		N/A
CR-200		3/60/460	1-1/2" NPT	30	17	36	183	
CR-250	1-1/2" NPT		30	17	36	211		N/A
CR-300	1-1/2" NPT		30	20	38	219		N/A
CR-400	2" NPT		30	20	38	232		N/A
CR-500	2" NPT		32	25	41	262		N/A

Maximum operating pressure CR-10~CR-50 (250 psig), CR-75~CR-500: 232 psig
Automatic Timer Drain CR-15 through CR-500 (Float Drain HPR-5-10, CR-10)
2 years warranty; 5 years heat exchange warranty (CR-10, CR-15 1 year unit warranty)

REFRIGERATED AIR DRYER
CDR SERIES REFRIGERATED DRYERS

MODEL	STANDARD VOLTAGE	IN/OUT CONNECTION (in)	DIMENSION			WEIGHT (lb)	QUANTITY	
			H (in)	W (in)	D (in)		AIR-COOLED	WATER-COOLER
CDR-100	1/60/115	1" NPT	22	20	29	160		N/A
CDR-125	1/60/208~230	1-1/2" NPT	27	24	30	210		N/A
CDR-150	1/50/220~240	1-1/2" NPT	27	24	30	220		
CDR-200	3/60/208~230 3/60/460 3/50/380~420	2" NPT	40	22	48	410		
CDR-250		2" NPT	40	22	48	430		
CDR-300		2" NPT	40	22	48	440		
CDR-400		3" NPT	52	28	51	620		
CDR-500		3" NPT	52	28	51	630		
CDR-600		3" NPT	57	28	65	890		
CDR-750		3" NPT	57	28	65	920		
CDR-1000		4" NPT	85	48	59	1540		
CDR-1250		4" NPT	85	48	59	1600		
CDR-1500		4" NPT	85	48	59	1650		
CDR-1750		6" NPT	85	54	56	2200		
CDR-2000		6" NPT	85	54	56	2240		
CDR-2500		6" NPT	85	54	56	2300		
CDR-3000		6" NPT	85	54	56	2500		

Maximum operating pressure CDR-100~CDR-3000 (200 psig)
Analog Control with Internal HF Snap Trap Drain standard on CDR-100~CDR-3000
Microprocessor Control with Electronic Demand Drain standard on CDR-200~CDR-3000
2 years warranty; 5 years heat exchange warranty

CDR SERIES MAINTENANCE KITS

MODEL	KIT NO.	KIT INCLUDES	WEIGHT (LB)	QUAN TITY
CDR-5 CDR-10 CDR-15	CDRMK1	DRAIN MECHANISM O-RINGFORBOWL DRAIN TUBE SERVICE REMINDER DECAL	1	
CDR-25, CDR-35	CDRMK2	SEPARATOR ELEMENT DRAIN MECHANISM O-RING FOR BOWL WAVE SPRING DRAIN TUBE SERVICE REMINDER DECAL	1	
CDR-50	CDRMK3			
CDR-75, CDR-100	CDRMK4	SEPARATOR ELEMENT DRAIN REPAIR KIT O-RING FOR BOWL DRAIN TUBE SERVICE REMINDER DECAL	2	
CDR-125, CDR-150	CDRMK5			
CDR-200	CDRMK6			
CDR-250, CDR300	CDRMK7	SEPARATOR ELEMENT DRAIN REPAIR KIT O-RING FOR BOWL DRAIN TUBE SERVICE REMINDER DECAL	2	
CDR-400, CDR500	CDRMK8			
CDR-750	CDRMK9			
CDR-1000, CDR-1250	CDRMK10			

REFRIGERATED AIR DRYERS
CHT SERIES HIGH INLET TEMPERATURE AIR DRYER

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	Standard Voltage	In/Out Connection (in)	Dimension			Weight (lb)	Quantity	
			H (in)	W (in)	D (in)		Air-Cooled	Water-Cooled
CHT-20	1/60/115 1/50/220~240	1/2" NPT	28	10	13	79		N/A
CHT-25		1/2" NPT	28	10	13	80		N/A
CHT-35		1/2" NPT	28	10	13	81		N/A
CHT-50		3/4" NPT	37	17	17	150		N/A
CHT-75		3/4" NPT	37	17	17	155		N/A
CHT-100	1/60/230	1" NPT	46	17	17	170		N/A
CHT-125		1" NPT	46	17	17	175		N/A

Maximum operating pressure: 200 psig
Maximum inlet temperature: 180°F (82°C)

CHT SERIES RECOMMENDED .01 MICRON COALESCING AFTERFILTER

MODEL	CF SERIES FILTER GRADE 5	QUANTITY
CHT-20	CF5-12-4-DPL	
CHT-25	CF5-16-4-DPL	
CHT-35		
CHT-50	CF5-24-6-DGL	
CHT-75		
CHT-100	CF5-24-8-DGL	
CHT-125	CF5-28-8-DPL	

BSP available. Add B to Model. Example CF5-12-4B-DPL

CHT SERIES MAINTENANCE KITS

MODEL	KIT NO.	KIT INCLUDES	WEIGHT (LB)	QUANTITY
CHT-20, CHT-25, CHT-35	CHTMK4	SEPARATOR ELEMENT & O-RING DRAIN MECHANISM	2	
CHT-50	CHTMK6		O-RING FOR BOWL	5
CHT-75	CHTMK5	WAVE SPRING		
CHT-100, CHT-125	CHTMK3	AMBIENT AIR FILTERS SERVICE REMINDER DECAL	8	

**TWIN TOWER DESICCANT AIR DRYERS
WITH PURGE ECONOMIZER TO MANUALLY ADJUST PURGE CYCLE**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	Standard Voltage	In/Out Connection (in)	Dimension			Weight (lb)	Quantity
			H (in)	W (in)	D (in)		
CDHL-40	1/60/120 1/50/110 or 1/60/240 1/50/220 or 11.5 to 28 VDC	1/2" NPT	76	26	26	405	
CDHL-60		3/4" NPT	76	26	26	480	
CDHL-90		3/4" NPT	73	33	33	600	
CDHL-115		1" NPT	76	33	33	715	
CDHL-165		1" NPT	76	33	33	715	
CDHL-260		1-1/2" NPT	80	44	44	1055	
CDHL-370		1-1/2" NPT	82	44	44	1265	
CDHL-450		1-1/2" NPT	82	44	44	1470	
CDHL-590		2" NPT	95	52	48	2205	
CDHL-750		2-1/2" NPT	97	52	48	2705	
CDHL-930		2-1/2" NPT	102	58	56	3228	
CDHL-1130		3" ANSI FL	104	62	57	3740	
CDHL-1350		3" ANSI FL	109	63	57	4252	
CDHL-1550		4" ANSI FL	109	77	68	4796	
CDHL-2100		4" ANSI FL	106	85	75	5100	
CDHL-3000		6" ANSI FL	121	80	89	8500	
CDHL-4100		6" ANSI FL	122	91	85	9900	
CDHL-5400		6" ANSI FL	122	102	92	12000	

Maximum operating pressure: 150 psig (add for 250 psig operation)

CDHL SERIES features **PURGE ECONOMIZER** to allow you to manually adjust the purge cycle to match your actual air demands.

Benefit from the following features:

PURGE ECONOMIZER: save up to 70% in purge air costs

ISO 85731.1 Fixed cycle modes

ISO Class 1, 4 minute fixed cycle -100°F (-73°C)

ISO Class 2, 10 minute fixed cycle -40°F (-40°C)

ISO Class 3, 16 minute fixed cycle -4°F (-20°C),

ISO Class 4, 24 minute fixed cycle +38°F (+3°C),

NEMA 4/4x Electrics

LED's to provide operating status and/or warning/alarm indications:

Power-on

Valve statuses

Tower status

Maintenance / Service reminders

Dew Point selection;

Purge Economizer selection

RS-232 Communication port

**TWIN TOWER DESICCANT AIR DRYERS
WITH THERMOSAVE AUTOMATIC PURGE SAVING PROGRAM**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	Standard Voltage	In/Out Connection (in)	Dimension			Weight (lb)	Quantity
			H (in)	W (in)	D (in)		
CDHT-40	1/60/120 1/15/110 or 1/60/240 1/50/220 or 11.5 to 28 VDC	1/2" NPT	76	26	26	405	
CDHT-60		3/4" NPT	76	26	26	480	
CDHT-90		3/4" NPT	73	33	33	600	
CDHT-115		1" NPT	76	33	33	715	
CDHT-165		1" NPT	76	33	33	715	
CDHT-260		1-1/2" NPT	80	44	44	1055	
CDHT-370		1-1/2" NPT	82	44	44	1265	
CDHT-450		1-1/2" NPT	82	44	44	1470	
CDHT-590		2" NPT	95	52	48	2205	
CDHT-750		2-1/2" NPT	97	52	48	2705	
CDHT-930		2-1/2" NPT	102	58	56	3228	
CDHT-1130		3" NPT	104	62	57	3740	
CDHT-1350		3" NPT	109	63	57	4252	
CDHT-1550		4" NPT	109	77	68	4796	
CDHT-2100		4" NPT	106	85	75	5100	
CDHT-3000		6" NPT	121	80	89	8500	
CDHT-4100		6" NPT	122	91	85	9900	
CDHT-5400		6" NPT	122	102	92	12000	

Maximum operating pressure: 150 psig (add for 250 psig operation)

- 1) Pricing includes NEMA 4/4x Electrics. Contact distributor for pricing for NEMA 7.
- 2) BSP threads and DIN Flanges are available.
- 3) Replacement desiccant is 1/8" activated alumina. Amount shown is for two towers.

CDHT SERIES automatically saves energy consumption using Curtis's patented **THERMOSAVE** Automatic Purge Savings technology.

Benefit from the following full feature controls:

NEMA 4/4x Electrics

Vacuum fluorescent text and Multiple language display

RS-232 Communication port

ISO Class 1 through 4 selections for dew point

Filter monitor communications capability

Programmable service reminder LEDs

HFM alarms for one or two filters

Electric drain and Switching failure alarm

Tower and Valve status LED lights

Red LED alarm

ISO 85731.1 Fixed cycle modes

ISO Class 1, 4 minute fixed cycle -100°F (-73°C)

ISO Class 2, 10 minute fixed cycle -40°F (-40°C)

ISO Class 3, 16 minute fixed cycle -4°F (-20°C),

ISO Class 4, 24 minute fixed cycle +38°F (+3°C),

**TWIN TOWER DESICCANT AIR DRYERS
MOUNTED FILTRATION PACKAGES**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

FOR DRYER MODEL	QUANTITY		
	CDHFP-0 (1) Filters piped – no valves	CDHFP-3 (2) Filters piped – 3 valve bypass	CDHFP-0 (3) Filters piped – 7 valve bypass
CDH-40			
CDH-60			
CDH-90			
CDH-115			
CDH-165			
CDH-260			
CDH-370			
CDH-450			
CDH-590			
CDH-750			
CDH-930			
CDH-1130			
CDH-1350			
CDH-1550			
CDH-2100			
CDH-3000			
CDH-4100			
CDH-5400			

- 1) Includes grade 5 prefilter and Grade 6 afterfilter mounted and piped
- 2) Includes grade 5 prefilter and Grade 6 afterfilter mounted and piped with 3 valve by-pass around complete assembly
- 3) Includes grade 5 prefilter and Grade 6 afterfilter mounted and piped with by-pass around each filter and complete assembly (7 valves total)

Note: Prefilters are equipped with Gauge and Automatic Condensate Drain. Afterfilter is equipped with a gauge.

Note: For any additional filtration requirements consult distributor.

HIGH HUMIDITY ALARM

MODEL	PART NO.	QUANTITY
40~450 scfm	C4003214	
590~5400 scfm	C3155884	

Note: HIGH HUMIDITY ALARM is integrally mounted to dryer in separate NEMA 4x electrical enclosure. Sensor and contacts for external alarm are included. Alarm is preset for -10°F (-23°C). No on-board alarm indication is provided.

DEW POINT MONITOR

MODEL	PART NO.	QUANTITY
40~450 scfm	C3151366	
590~5400 scfm	C3153535	
Optional Dew Point Monitor, shipped loose	C3125953	

Note: Includes a thin film Aluminum Oxide Sensor with Stainless steel gas wetted components. NEMA 4/4x rated ingress protection, 115V/1/60 grounded 6-foot long power cord. Produces a 4-20 mA output. Adjustable dew point selection range -148°F to +68°F. Accuracy to ±3.6°F. Operating temperature 32°F to 122°F. Maximum operating pressure 500 psig. Dew Point Monitor includes mounting and wiring.

**TWIN TOWER DESICCANT AIR DRYERS
WALL MOUNTED DRYERS & DESICCANT**

MODEL	Standard Voltage	In/Out Connection (in)	Dimension			Weight (lb)	Quantity
			H (in)	W (in)	D (in)		
CDHW-5	1/60/120 1/50/110 1/60/240 1/50/220	1/2" NPT	31	23	13	82	
CDHW-10		1/2" NPT	31	23	13	119	
CDHW-15		1/2" NPT	31	23	13	122	
CDHW-20		1/2" NPT	31	31	9	171	
CDHW-25		1/2" NPT	31	31	9	196	

Maximum operating pressure: 50~150 psig

Maximum Inlet Temperature: 120°F (49°C)

1) BSP available.

2) Replacement desiccant is 1/8" activated alumina. Weight is for two towers.

3) Consult distributor for 12 volt DC pricing.

CDHW SERIES ACCESSORIES AND OPTIONS

DESCRIPTION	QUANTITY	
	CDHW-5 CDHW-10 CDHW-15	CDHW-20 CDHW-25
FILTER PACKAGE Package includes a coalescing type oil removal prefilter with auto drain and differential pressure gauge and a one micron afterfilter with differential pressure gauge shipped in cabinet with interconnecting piping for field installation.		
NEMA 4 ENCLOSURE		
AIR BY-PASS DHW-5 (C33.4275-01) DHW-10 and 15 (C33.4275-02) DHW-20 and 25 (C33.4275-03)		
MOISTURE INDICATOR (MI-3) (C33.4950-01)		

ACTIVATED ALUMINA REPLACEMENT DESICCANT

DESCRIPTION	PART NO.	PART NO.	PART NO.	QUANTITY
	1/8" BALL SIZE	1/4" BALL SIZE	3/16" BALL SIZE	
10 lb. can	C3153517	N/A	N/A	
17 lb. fiber drum	C1282529	N/A	N/A	
34 lb. fiber drum	C1282530	CF	N/A	
50 lb. fiber drum	C3146257	CF	N/A	
150 lb. box	C3146259	CF	N/A	
350 lb. box	C3146260	CF	N/A	

Note: Curtis desiccant dryer and Catalite purifier units use 1/8" ball size.

For other units follow manufacturers' recommendations.

BULK DESICCANT PROGRAM

DESCRIPTION	PART NO. 1/8" BALL SIZE	QUANTITY
FORTY-TWO 50 lb. bag	C31547402	_____ skid

Special Bulk Desiccant Pricing. Ask your distributor; Skids consist of forty-two 50 lb. bags of Desiccant

CF7 SERIES 1 MICRON AIR LINE FILTERS

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	Capacity @ 100psig (scfm)	In/Out Connection (in)	Dimension		Weight (lb)	Quantity
			H (in)	W (in)		
CF7-12-3-DPL	20	3/8" NPT	8	4	4.2	
CF7-12-4-DPL	20	1/2" NPT	8	4	4.2	
CF7-16-3-DPL	35	3/8" NPT	11	4	8.1	
CF7-16-4-DPL	35	1/2" NPT	11	4	8.1	
CF7-20-3-DPL	60	3/8" NPT	13	4	8.5	
CF7-20-4-DPL	60	1/2" NPT	13	4	8.5	
CF7-24-6-DGL	100	3/4" NPT	15	5	6.3	
CF7-24-8-DGL	100	1" NPT	15	5	6.3	
CF7-28-6-DGL	170	3/4" NPT	20	5	6.9	
CF7-28-8-DGL	170	1" NPT	20	5	6.9	
CF7-32-8-DGL	250	1" NPT	23	6	10.2	
CF7-32-12-DGL	250	1-1/2" NPT	23	6	10.2	
CF7-36-8-DGL	375	1" NPT	27	6	11.3	
CF7-36-12-DGL	375	1-1/2" NPT	27	6	11.3	
CF7-40-16-DG	485	2" NPT	31	8	28	
CF7-40-20-DG	485	2-1/2" NPT	31	8	28	
CF7-44-20-DG	625	2-1/2" NPT	37	33	33	
CF7-48-20-DG	780	2-1/2" NPT	43	38	38	

REPLACEMENT PARTS

INTERNAL AUTOMATIC DRAIN (C05.4170-08) _____
 DIFFERENTIAL PRESSURE SLIDE INDICATOR (C6685.151.23) _____
 DIFFERENTIAL PRESSURE GAUGE (C6685.151.21) _____

CF7 SERIES REPLACEMENT ELEMENT

MODEL	QUANTITY	MODEL	QUANTITY
CE7-12		CE7-32	
CE7-16		CE7-36	
CE7-20		CE7-40	
CE7-24		CE7-44	
CE7-28		CE7-48	

CF5 SERIES .01 MICRON COALESCING FILTERS

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL	Capacity @ 100psig (scfm)	In/Out Connection (in)	Dimension		Weight (lb)	Quantity
			H (in)	W (in)		
CF5-12-3-DPL	20	3/8" NPT	8	4	4.2	
CF5-12-4-DPL	20	1/2" NPT	8	4	4.2	
CF5-16-3-DPL	35	3/8" NPT	11	4	8.1	
CF5-16-4-DPL	35	1/2" NPT	11	4	8.1	
CF5-20-3-DPL	60	3/8" NPT	13	4	8.5	
CF5-20-4-DPL	60	1/2" NPT	13	4	8.5	
CF5-24-6-DGL	100	3/4" NPT	15	5	6.3	
CF5-24-8-DGL	100	1" NPT	15	5	6.3	
CF5-28-6-DGL	170	3/4" NPT	20	5	6.9	
CF5-28-8-DGL	170	1" NPT	20	5	6.9	
CF5-32-8-DGL	250	1" NPT	23	6	10.2	
CF5-32-12-DGL	250	1-1/2" NPT	23	6	10.2	
CF5-36-8-DGL	375	1" NPT	27	6	11.3	
CF5-36-12-DGL	375	1-1/2" NPT	27	6	11.3	
CF5-40-16-DG	485	2" NPT	31	8	28	
CF5-40-20-DG	485	2-1/2" NPT	31	8	28	
CF5-44-20-DG	625	2-1/2" NPT	37	33	33	
CF5-48-20-DG	780	2-1/2" NPT	43	38	38	

REPLACEMENT PARTS

INTERNAL AUTOMATIC DRAIN (C05.4170-08) _____
 DIFFERENTIAL PRESSURE SLIDE INDICATOR (C6685.151.23) _____
 DIFFERENTIAL PRESSURE GAUGE (C6685.151.21) _____

CF5 SERIES REPLACEMENT ELEMENT

MODEL	QUANTITY	MODEL	QUANTITY
CE5-12		CE5-32	
CE5-16		CE5-36	
CE5-20		CE5-40	
CE5-24		CE5-44	
CE5-28		CE5-48	

LUBE PLUS COMPRESSOR LUBRICANTS

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

ISO68 PREMIUM RECIPROCATING COMPRESSOR LUBRICANT

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 411-3	RC-1000	12 quart case	
VO 411-2	RC-1000	4 gallon case	
VO 411-1	RC-1000	5 gallon pail	
VO 411	RC-1000	55 gallon drum	

ISO100 PREMIUM RECIPROCATING COMPRESSOR LUBRICANT

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 421-3	RC-1000A	12 quart case	
VO 421-2	RC-1000A	4 gallon case	
VO 421-1	RC-1000A	5 gallon pail	
VO 421	RC-1000A	55 gallon drum	

ISO100 **PREMIUM LARGE INDUSTRIAL RECIPROCATING COMPRESSOR LUBRICANT - SYNTHETIC

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 425	RC-1000S	5 gallon pail	
VO 425-1	RC-1000S	55 gallon drum	

** For Curtis models 260H & 300H Large Industrial reciprocating compressors operating above 200psi

ISO46 PREMIUM ROTARY SCREW COMPRESSOR LUBRICANT

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 413-2	RS-2000	6 gallon case	
VO 413	RS-2000	5 gallon pail	
VO 413-1	RS-2000	55 gallon drum	

ISO46 PREMIUM ROTARY SCREW COMPRESSOR LUBRICANT – SYNTHETIC

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 414-2	RS-8000	6 gallon case	
VO 414	RS-8000	5 gallon pail	
VO 414-1CP	RS-8000	55 gallon drum	

ISO46 PREMIUM ROTARY SCREW COMPRESSOR LUBRICANT - ULTRA SYNTHETIC

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 422-2	RS-12000	6 gallon case	
VO 422	RS-12000	5 gallon pail	
VO 422-1CP	RS-12000	55 gallon drum	

ISO46 PREMIUM ROTARY SCREW COMPRESSOR LUBRICANT - FOOD GRADE, H1 KOSHER

PART NO.	PRODUCT NO.	MEASURE	Quantity
VO 416-2	RS-4000FG	6 gallon case	
VO 416	RS-4000FG	5 gallon pail	
VO 416-1CP	RS-4000FG	55 gallon drum	

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CURTIS-TOLEDO, INC.

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All CURTIS-TOLEDO Products Sold Exclusively through Distributors. Call 314-383-1300 for your local distributor or email info@curtistoledo.com

HYDRAULIC HOSE CUT-OFF MACHINES

MODELS 7 & 8

MODEL	MOTOR		HOSE CAPACITY	BLADE FURNISHED	PART NO.	QUANTITY
	HP	ELECT.				
7	1	1/60/115V	1.25" I.D.	7" Bevel	24384	
7	1	1/60/115V	1.25" I.D.	7" Scalloped	24181	
7	1.5	1/60/115V	1.25" I.D.	7" Bevel	26243	
7	1.5	1/60/115V	1.25" I.D.	7" Scalloped	26244	
7	2	1/60/230V	1.25" I.D.	7" Bevel	26245	
7	2	1/60/230V	1.25" I.D.	7" Scalloped	26246	
8	1.5	1/60/115V	1.50" I.D.	8" Bevel	24396	
8	1.5	1/60/115V	2" I.D.	8" Scalloped	24397	
8	2	1/60/230V	1.50" I.D.	8" Bevel	26252	
8	2	1/60/230V	2" I.D.	8" Scalloped	26253	
8DC	1.5	12V DC	1.50" I.D.	8" Bevel	28057	
8DC	1.5	12V DC	2" I.D.	8" Scalloped	28019	

Capacity: Cuts single and double wire braided hose to above noted sizes
Dimensions: 13"W×24"L×17"H Weight: 65Lbs.

MODEL 9

MODEL	MOTOR		HOSE CAPACITY	BLADE FURNISHED	PART NO.	QUANTITY
	HP	ELECT.				
9	3	1/60/230V	2" I.D.	10" Bevel	24112	
9	3	1/60/230V	2" I.D.	10" Scalloped	24392	
9	3	3/60/230V	2" I.D.	10" Bevel	24113	
9	3	3/60/230V	2" I.D.	10" Scalloped	24393	

Capacity: Cuts up to 2" I.D. single and multi-wire and 4 or 6 spiral hose
Dimensions: 22"W×42"L×24"H Weight: 200Lbs.
Optional equipment: Coolant spray system for reduced friction when cutting (part no. 16735) _____

MODELS 3

MODEL	MOTOR		HOSE CAPACITY	BLADE FURNISHED	PART NO.	QUANTITY
	HP	ELECT.				
3	3	1/60/230V	2" I.D.	10" Bevel	23992	
3	3	1/60/230V	2" I.D.	10" Scalloped	24394	
3	3	3/60/230V	2" I.D.	10" Bevel	23993	
3	3	3/60/230V	2" I.D.	10" Scalloped	24395	

Capacity: Cuts and skives up to 2" I.D. single and multi-wire and 4 or 6 spiral hose
Dimensions: 24"W×42"L×24"H Weight: 210Lbs.
Optional equipment: Coolant spray system for reduced friction when cutting (part no. 16735) _____

**HYDRAULIC HOSE CUT-OFF MACHINES
REPLACEMENT BLADES & RESHARPENING SERVICE**

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REPLACEMENT BLADES

BEVEL EDGE BLADES (for single wire braid)	BLADE DIAMETER	ARBOR HOLE	MAX. RPM	WEIGHT (LBS.)	PART NO.	QUANTITY
	7"	5/8"	3900	4	16334	
	8"	5/8"	3900	4.75	24326	
	10"	3/4"	3500	6	15960	
SCALLOPED EDGE BLADES (multi-wire & 4 or 6 spiral)	BLADE DIAMETER	ARBOR HOLE	MAX. RPM	WEIGHT (LBS.)	PART NO.	QUANTITY
	7"	5/8"	3900	4	22740	
	8"	5/8"	3900	4.75	24398	
	10"	3/4"	3500	6	24248	

BLADE RESHARPENING SERVICE

BLADE PART NO.	BLADE TYPE	USE RE-SHARP PART NO.	QUANTITY
16334	7" Bevel	26457	\$68
24326	8" Bevel	26458	\$75
15960	10" Bevel	26459	\$85
22740	7" Scalloped	26235	\$73
24398	8" Scalloped	26236	\$80
24248	10" Scalloped	26237	\$92
27829	12" Scalloped	26239	\$93

Curtis-Toledo offer a sharpening service for our beveled edge and scalloped edge hose cut-off blades. Send your used blade(s) securely packaged along with a purchase order to cover the cost of sharpening as stated in the chart above to:

CURTIS-TOLEDO, INC.

1905 KIENLEN AVE.

ST. LOUIS MO. 63133

Be sure to enclose your return address

**DROP HEAD HAND RATCHET THREADERS
COMPLETE SETS**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

Lightweight TOLEDO Ratchet Threaders cut smooth, clean threads quickly and accurately anywhere with only a 30° swing of the handle. Die heads lock securely in ratchet assembly and can be reversed or removed with a quick pull on the ratchet knob. Each drop head threader includes one ratchet handle and individual drop heads for sizes shown.

MODEL 00 COMPLETE THREADER SETS

PART NO.	CAPACITY	WEIGHT (LBS.)	QUANTITY
05044	1/8" through 3/4" pipe	10	
05045	1/4" through 3/4" pipe	8	
05046	3/8" through 3/4" pipe	7	
05047	1/2" through 3/4" pipe	6	
13432	1/2" through 3/4" conduit	6	

MODEL 11 COMPLETE THREADER SETS

PART NO.	CAPACITY	WEIGHT (LBS.)	QUANTITY
08325	1/8" through 1" pipe	16	
10943	1/8" through 1-1/4" pipe	18	
08326	1/4" through 1" pipe	14	
05303	1/4" through 1-1/4" pipe	17	
08327	3/8" through 1" pipe	12	
05304	3/8" through 1-1/4" pipe	15	
08324	1/2" through 1" pipe	11	
05087	1/2" through 1-1/4" pipe	13	
21156	1/2" through 1" conduit	11	
14899	1/2" through 1-1/4" conduit	13	

MODEL 12 COMPLETE THREADER SETS

PART NO.	CAPACITY	WEIGHT (LBS.)	QUANTITY
05107	1/8" through 2" pipe	15	
05108	1/4" through 2" pipe	14	
05305	3/8" through 2" pipe	13	
05109	1/2" through 2" pipe	12	
08413	3/4" through 2" pipe	11	
08414	1" through 2" pipe	10	
14900	1/2" through 2" conduit	12	
15333	3/4" through 2" conduit	11	
15334	1" through 2" conduit	10	

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**DROP HEAD HAND RATCHET THREADERS
RATCHET AND HANDLES & DIES**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

RATCHET AND HANDLE COMPLETE

MODEL	PART NO.	CAPACITY	WEIGHT (LBS.)	QUANTITY
00	04588	1/8" through 3/4" pipe	2.50	
11	10862	1/8" through 1-1/4" pipe	3.75	
12	15103	1/8" through 2" pipe	5.00	

Lightweight but tough malleable iron housings accept TOLEDO Drop Heads.
Hardened steel pawls for long life. Cadmium plated housings let drop heads turn freely.

REPLACEMENT DIES

SIZE	FITS MODEL	PIPE (NPT)	CONDUIT (NS P/C)	QUANTITY	SS (NPT)	QUANTITY
1/8"	00, 11, 12	93849	---		90074	
1/4"		93850	---		90075	
3/8"	00, 11, 12 30, 31	93851	---		90076	
1/2"		93852	93866		90077	
3/4"		93853	93867		90078	
1"	31	93875	---		---	
1"	11, 12	93854	93868	90087		
1-1/4"		93855	93869	90088		
1-1/2"	12	93873	94617	90090		
2"		93874	94618	90060		

**DROP HEAD HAND RATCHET THREADERS
DIE HEADS WITH DIES & CUTTING OIL**

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

MODEL 00

SIZE	PART NO.		WEIGHT (LBS.)	QUANTITY
	PIPE	COND.		
1/8"	05031	---	1-1/4	
1/4"	05032	---		
3/8"	05033	---		
1/2"	05034	04619		
3/4"	05035	04620		

MODEL 12

SIZE	PART NO.		WEIGHT (LBS.)	QUANTITY
	PIPE	COND.		
1/8"	04634	---	1	
1/4"	04635	---		
3/8"	04636	---		
1/2"	26821	04643	1-1/4	
3/4"	26822	04644		
1"	26823	04645	1-1/2	
1-1/4"	04640	04646		
1-1/2"	04641	04647		
2"	04642	04648	1-3/4	

MODEL 11

SIZE	PART NO.		WEIGHT (LBS.)	QUANTITY
	PIPE	COND.		
1/8"	10909	---	1-1/4	
1/4"	10912	---	1-1/2	
3/8"	10915	---		
1/2"	10918	10919	2	
3/4"	10921	10922		
1"	10924	10925	2-1/4	
1-1/4"	10927	10928		

Drop Heads fit TOLEDO 00, 11 & 12 models.

Dies can be changed fast. Simply loosen die head cover and slide dies out, replace dies and tighten cover.

No loose screws to get lost. Supplied with right hand high-speed steel dies.

THREAD-EZY DARK

PART NO.	CONTAINER SIZE	WEIGHT (LBS.)	QUANTITY
7165	1 GALLON	9	
7166	5 GALLON	44	
15142	55 GALLON DRUM	470	

THREAD-EZY CLEAR

PART NO.	CONTAINER SIZE	WEIGHT (LBS.)	QUANTITY
15138	5 GALLON	44	

Scientifically formulated to speed metal removal, prevent stickers from welding to dies, and to keep dies and cutting tools cool. Naturally antiseptic properties guard against skin irritation, infection.

PIPE VISES & DIE HEADS FOR 999 MACHINE

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OPEN SIDE PIPE VISES

MODEL NO.	PART NO.	CAPACITY	WEIGHT (LBS.)	QUANTITY
0	04688	1/8" Through 2 1/2"	13	
3	04689	1/8" Through 4 1/2"	27	

Rugged, bench mount pipe vises are the best for clamping long lengths of pipe. Just set the pipe in the open side and tighten. Separate guide bar keeps upper jaw from turning. Hardened steel jaws are easily replaced.

QUICK OPENING DIE HEADS FOR 999-A & 999-C (LESS DIES)

PART NO.	CAPACITY	WEIGHT (LBS)	QUANTITY
10903	1/8" thru 3/4" Pipe 1/4" thru 1-1/8" Bolt	10	
11317	1-1/2" and 2" Pipe 1-5/8" thru 2" Bolt	10	

Also Fits: TOLEDO 1-2-4 Machine, TOLEDO 999-RH, 999-RW, and 2" High Speed

QUICK OPENING DIE HEADS FOR 999-A & 999-C (LESS DIES)

PART NO.	CAPACITY	WEIGHT (LBS)	QUANTITY
17149	1/8" thru 2" Pipe 1/4" thru 2" Bolt	12	

Adjustable for over and undersize threads

DIES FOR 999 MACHINE

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DIES FOR 999 THREADER

PIPE & CONDUIT DIES (RIGHT HAND)						QUANTITY
SIZE	FIT DIE HEAD	DIE SEGMENT CROSS SECTION	PART NUMBER			
			STEEL PIPE (NPT)	CONDUIT (NS P/C)	SS	
1/8"	999 999A	5/16" x 1"	93965	---	90100	
1/4"			93966	---	90101	
3/8"			93967	---	90102	
1/2"			93968	93983	92385	
3/4"			93969	93984	92386	
1"			93970	93985	92387	
1-1/4"			93971	93986	92388	
1-1/2"	999	5/16" x 1	93972	93987	92389	
1-1/2"	999A	3/8" x 1-1/16"	91386	92452	92391	
2"	999	5/16" x 1	93973	93988	92390	
2"	999A	3/8" x 1-1/16"	91385	92453	92392	

DIES FOR 999 THREADER

BOLT DIES NATIONAL COURSE (USS RIGHT HAND)						
SIZE	FIT DIE HEAD	DIE SEGMENT CROSS SECTION	STEEL PIPE		SS	
			PART NO	QUANTITY	PART NO	QUANTITY
3/8" - 16	999 999A	5/16" x 1"	93989		78282	
7/16" - 14			93990		78505	
1/2" - 13			93991		78283	
5/8" - 11			93993		78369	
3/4" - 10			93994		78319	
7/8" - 9			93995		-	
1" - 8			93996		-	
1-1/8" - 7	999	5/16" x 1	93997	-	-	
1-1/4" - 7	999A	3/8" x 1-1/16"	93998	-	-	
1-1/2" - 6	999	5/16" x 1	94000	-	78320	

Fits: 999-A Quick-Opening Die Heads
999 (fabricated) Quick-Opening Die Heads
Also fits: 1-2-4 Threader (with 999 or 999-A Die Heads
999-RH, 999-RW and 2" High Speed
Will NOT fit old style Non-Opening 999 Die Head

MISCELLANEOUS THREADER DIES

NOTE: All Quantity and specifications are subject to change without notice. Curtis-Toledo reserves the right to change its specifications and designs and to add to or discontinue products or product lines from time to time without notice.

VERSAMATIC DIES FOR 222, 722 & 999-BL

SIZE	STEEL PIPE (NPT)		CONDUIT (NPSM)		SS PIPE	
	PART NO.	QUANTITY	PART NO.	QUANTITY	PART NO.	QUANTITY
1/8"	90364		---		---	
1/4" x 3/8"	90363		---		---	
1/2" x 3/4"	90360		---		90362	
1" thru 2"	67493		90205		90166	

Fit: Versamatic (Quadra) Die Heads

MONO, DUO AND UNIVERSAL DIES

MONO PIPE DIES – FIT MONO, DUO & UNIVERSAL DIE HEADS

SIZE	STEEL PIPE (NPT)		CONDUIT (NPSM)		SS PIPE	
	PART NO.	QUANTITY	PART NO.	QUANTITY	PART NO.	QUANTITY
3/8"	90343		-		90154	
1/2"	90344		90185		90155	
3/4"	90345		90182		90156	
1"	66313		90181		90157	
1-1/4"	66312		90184		90158	
1-1/2"	66311		90186		-	
2"	66310		90183		90160	

Note: Mono and Duo Dies are NOT INTERCHANGEABLE With Versamatic (Quadra Die Heads).

MONO, DUO AND UNIVERSAL DIES

DUE PIPE DIES – FIT DUO & UNIVERSAL DIE HEADS

SIZE	STEEL PIPE (NPT)		CONDUIT (NPSM)	
	PART NO.	QUANTITY	PART NO.	QUANTITY
1/4" x 3/8"	90346		90162	
1/2" x 3/4"	90347		90163	
1" x 1-1/4"	66033		90164	
1-1/2" x 2"	66034		90165	

MONO, DUO AND UNIVERSAL DIES

BOLT DIES – FIT MONO, DUO & UNIVERSAL DIE HEADS

SIZE	STEEL PIPE (NPT)		QUANTITY
	PART NO.		
	CARBON	HSS	
1/4"-20		90330	
1/2"-13		90334	
5/8"-11	65827		
3/4"-10	65828	90337	
7/8"-9	65831		
1"-8		90339	
1-1/2"-6	65923		

MISCELLANEOUS THREADER DIES

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DIES FOR 1-2-4 THREADER

PIPE DIES (RIGHT HAND)

SIZE	NUMBER OF DIE SEGMENTS	STEEL PIPE (NPT)		SS PIPE		WEIGHT (LBS.)
		PART NO.	QUANTITY	PART NO.	QUANTITY	
1"	4	94017		90103		3/8
1-1/4"		94018		90104		1/2
1-1/2"	6	94019		90105		1-1/2
2"		94020		90114		
2-1/2"		94021		90125		2-3/4
3"		94022		-		
3-1/2"		94023		-		
4"		94024		90139		

Fits all 1-2-4 Quick Opening Die Heads

RECEDING THREADER DIES

PIPE DIES – FIT #1,1A,1-BR,1-C RECEDING THREADERS

SIZE	STEEL PIPE (NPT)		WEIGHT (LBS.)
	PART NO.	QUANTITY	
1-1/4"	83483		3/4

GEARED THREADER DIES

PIPE DIES – RIGHT HAND (NPT)

Model	Part Number	Capacity	Quantity	Weight (lbs)
41-E	60927	2-1/2" to 4"		2
2 2BR 2BJ	84066	3"		2
	84067	3-1/2"		
	84068	4"		
61-E	80267	4" to 6"		1-1/2

ABRASIVE CUT-OFF WHEELS

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ABRASIVE CUT-OFF WHEELS

TYPE FGI-245A GENERAL PURPOSE CUT-OFF WHEELS

PART NO.	DIAMETER × ARBOR	THICKNESS	MAX. RPM	H.P. RATING	QUANTITY/WHEEL – IN QTY.			
					10	20-40	50-90	100+
22817	11" x 1"	3/32"	5600	2 - 3				
22818	12" x 1"	1/8"	4500	2				
22819	14" x 1"	1/8"	4400	5 - 7-1/2				
22820	16" x 1"	5/32"	3800	7-1/2				
22821	18" x 1"	5/32"	3400	10 - 20				
22822	20" x 1"	5/32"	2650	10 - 20				

Resinoid-Bond Aluminum Oxide (fully reinforced) for general purpose dry cutting of ferrous materials. Constructed for safe operation at maximum cutting speeds.

All 1" arbors have drive pin holes for TOLEDO machines except 22818 (12" No Pin Holes)

ABRASIVE CUT-OFF WHEELS

TYPE FGI-HCO HOSE CUT-OFF WHEELS

PART NO.	DIAMETER × ARBOR	THICKNESS	MAX. RPM	QUANTITY/WHEEL – IN QTY.			
				10	20-40	50-90	100+
*27354	8" x 5/8"	3/32"	7500				
27355	10" x 3/4"	3/32"	6110				
27735	11" x 1"	3/32"	5600				

Resinoid-Bond Aluminum Oxide (fully reinforced)
Specifically formulated to cut heavy wire-reinforced hydraulic hose.
Constructed for safe operation at maximum cutting speeds.

1" arbors have drive pin holes for TOLEDO Machines.

*8" round arbor hole can be knocked out to fit SKIL® diamond shaped arbor.