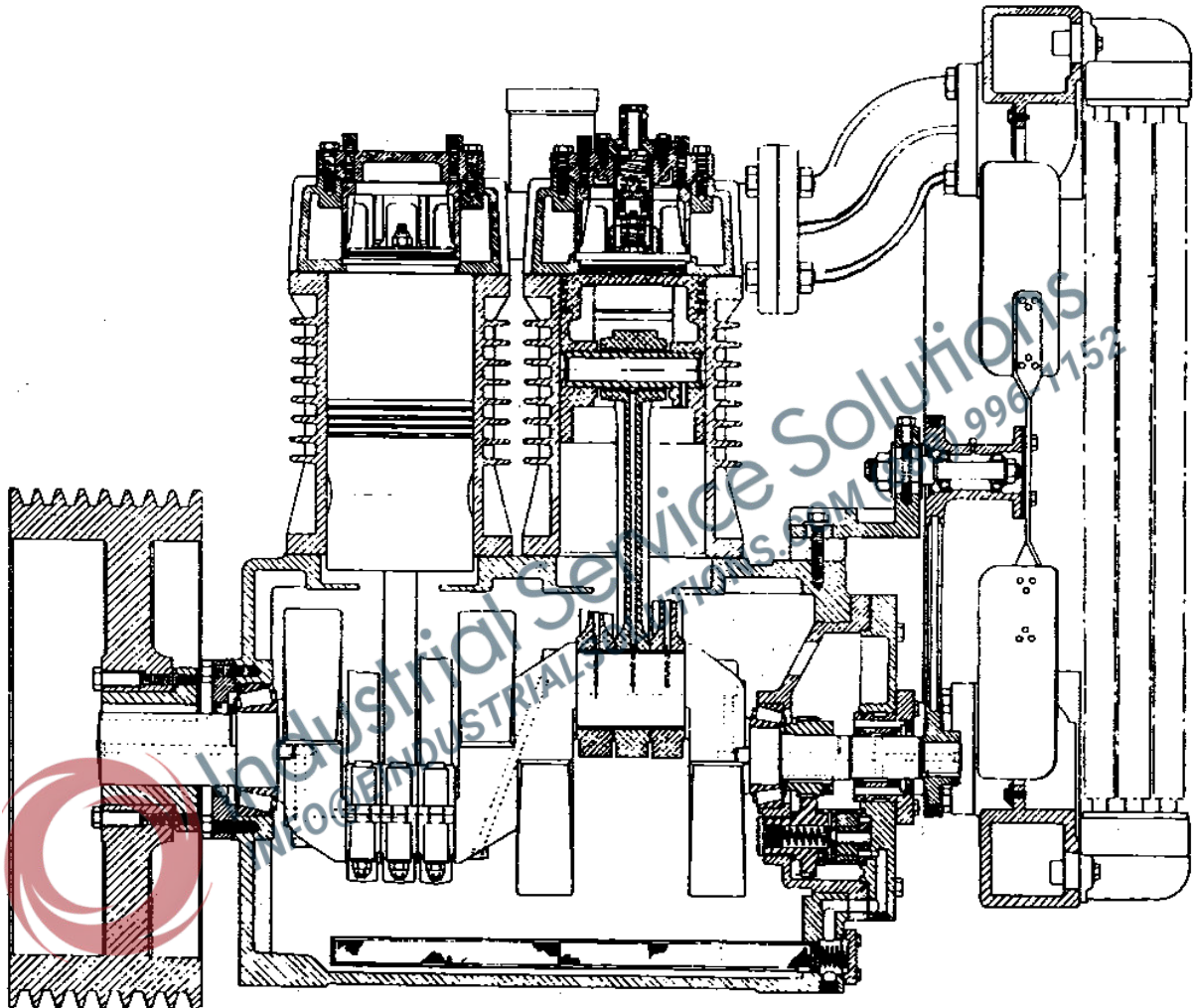


PARTS LIST MODEL C-300H TWO STAGE CURTIS AIR COMPRESSOR

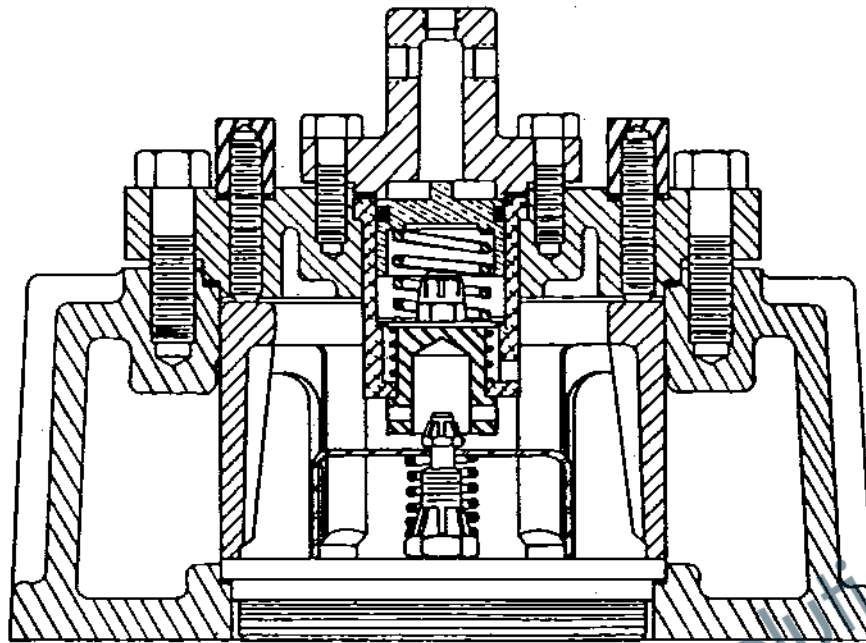
SIZE:-8"-8"-5" x 5-5/8"
Lot No. C300H06



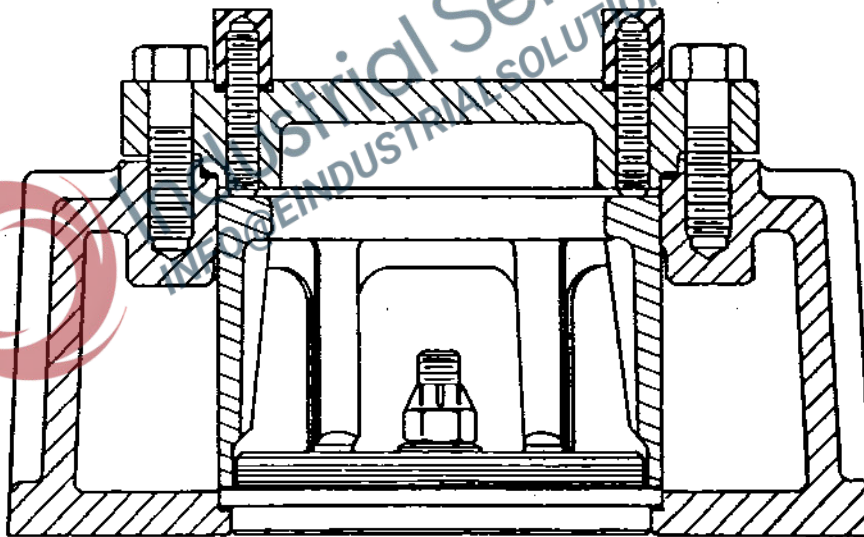
CURTIS-TOLEDO, INC.

1905 Kienlen Avenue, St. Louis, Missouri 63133
(314)383-1300 FAX (314) 381-1439
e-mail: info@curtistoledo.com

Sales representatives in principal cities



ASSEMBLY-SUCTION



ASSEMBLY-DISCHARGE

CYLINDER HEAD ASSEMBLY
CM-805

PARTS LIST

MODEL C-300H TWO STAGE

CURTIS AIR COMPRESSOR

SIZE:-8"-8"-5" X 5-5/8"

BODY PARTS		
PART NO.	NO. REQ'D.	DESCRIPTION
VH01CC	6	RHMS, 10-32 x 3/8Lg.
CM663	1	Breather Cover
CM664	1	Breather Valve
CM665	1	Breather Cover Gasket
CM729	6	Cylinder Gasket
CMA828	2	H.P. Cylinder
CM822	4	L.P. Cylinder
CM830	1	Oil Strainer Cover
CM833	1	Bearing Plate Cover
CM834	1	Flanged Bearing
CM835	1	Oil Filter Carrier
CM836	1	Bearing Plate
CM845	1	Oil Filter Nipple
CM880	4	Studs, 5/8 x 2 3/4"
CM884	1	Lube Pump Carrier Gear Key
CM885	1	Oil Strainer Cover Gasket
CM886	1	Master Oil Seal Gasket
CM890	1	Oil Filter Carrier Gasket
CM893	1	Bearing Plate Cover Gasket
CM894	1	Bearing Plate Gasket
CM896	1	Oil Strainer Spring
CM912	1	Crankcase
CM913	1	Endplate
CM914	3	Side Door
CM915	1	Side Door & Breather
CM916	5	Side Door Gasket
CM917	1	Side Door Baffle
CM922	1	Key-3/4 x 3/4 x 4-1/4" Lg.
CM923	1	Lube Pump Carrier Gear
CM924	1	Closure Screw
CM925	1	Flywheel
CM938	1	Oil Strainer Housing
CM939	1	Oil Strainer
CM943	1	Shim Set
CM965	1	Gasket Set
CM966	1	Tubing Gauge to Filter
CM967	1	"O" Ring Set
CMA815	1	Tubing-Gauge to Switch
CMA816	1	Key 1/4 x 5/16 x 1-1/4" Lg.
VH12HH	4	HHCS, 5/16-18 x 1" (H.T.)
VH35R	3	Lockwasher – Split 5/8
VH15R	4	Hex Nut, 5/8-11
VA729	1	Brass Tee, 1/4 MPT x 1/4 FPT x 1/4 Tube
VH12RY	3	HHCS, 5/8 UNC x 4 1/2" Lg.
VH11TN	24	HHCS, 3/4-10 x 1 3/4

BODY PARTS - continued		
PART NO.	NO. REQ'D.	DESCRIPTION
VH03CE	4	FHMS, 10-32 x 5/8
VA13EGC	1	Pipe Nipple x Heavy 3/4" x 4" Lg
VA314	1	Oil Pressure Gauge
VA14ACE	1	Brass Conn. 1/4 MDT x 1/4 Tube
VA14BCE	1	Brass Elbow 1/4 FPT x 1/4 Tube
VA13GLB	1	Pipe Nipple, 1 1/4" x 6" Lg.
VA04GO	1	Pipe Cap, 1 1/4"
VA04EP	1	Pipe Cap, 3/4"
VB306	1	Oil Seal
VB410	1	"O" Ring, 1 1/8 x 1 1/4 x 1/16
VDA222	1	Sheave, Complete w/Hardware
VD802	1	Roller Brg. Cup, JH 211 710
VD804	1	Roller Brg. Cup, JH 211 210
VD903	1	Bushing w/ Hardware
VH1312	1	Spring Pin, 1/40 x 11/16 Lg.
VH1414	1	Set Scr. Cup Pt, 3/8 NF x 1/2"
VH12KH	3	HHCS, 3/8-16 x 1" (H.T.)
VH12PT	8	HHCS, 1/2-13 x 3" (H.T.)
VH12PN	6	HHCS, 1/2-13 x 1 3/4" (H.T.)
VH13ED	3	RHMS, 6/32 x 3/8
CM981	1	Oil Pump
VO103	1	Oil Pump Retaining Spring
VO201	1	Oil Filter
VO301	1	Oil Sight Glass
VH12HK	16	HHCS, 5/16-18 x 1 1/4 (H.T.)
VS502	1	Oil Pressure Switch
CMA849	1	Oil Gauge Connection
CONNECTING RODS & BEARINGS		
PART NO.	NO. REQ'D.	DESCRIPTION
CM812	4	Connecting Rod Complete w/Bushing & Bearing L.P.
CMA876	2	Connecting Rod Complete w/Bushing & Bearing H.P.
CM812-001	4	Connecting Rod .001 Undersized Complete w/Bushing & Bearing L.P.
CMA876-001	2	Connecting Rod .001 Undersized Complete w/Bushing & Bearing H.P.
CM815	6	Bearing Set
CM816-001	6	Bearing Set, .001 Undersized Shaft
CM817	8	Pin Bushing
CM818	12	Connecting Rod Bolt
VH33P	12	Washer – Cut 1/2" SAE
VH20N	12	Locknut – 1/2-20
VD843	4	Needle Bearing

PARTS LIST
MODEL C-300H TWO STAGE
CURTIS AIR COMPRESSOR

SIZE:-8"-8"-5" X 5-5/8"

PISTONS – PINS		
PART NO.	NO. REQ'D	DESCRIPTION
CM810	4	Piston L.P. Std.
CM810-010	4	Piston .010 Undersized
CM810-030	4	Piston .030 Undersized
CMA877	2	Piston H.P. Std.
CMA877-010	2	Piston .010 Undersized
CMA877-030	2	Piston .030 Oversized
CMA878	2	Piston Pin H.P.
CM820	4	Piston Pin L.P.
VH25MF	6	Piston Pin Spring Pin
RINGS		
CC1356	2	Piston Ring Set – HP Std.
CC1356-010	2	Piston Ring Set – HP .010 Oversized
CC1356-030	2	Piston Ring Set – HP .030 Oversized
CMA810	4	Piston Ring Set – LP Std.
CMA810-010	4	Piston Ring Set – LP .010 Oversized
CMA810-030	4	Piston Ring Set – LP .030 Oversized
CRANKSHAFT ASSEMBLY		
CM841	1	Lube Pump Drive Gear
CM891	1	Lube Pump Drive Gear Key
CM976	1	Crankshaft
CM976A	1	Crankshaft w/RB Cones VD802 & 804
VAA857	2	Crankshaft Endplug
VD802	1	Roller Brg. Cup JH211710
VD803	1	Roller Brg. Cone JH211749
VD804	1	Roller Brg. Cup JH217210
VD805	1	Roller Brg. Cone JH217249
VH1410	1	Set Scr 5/16"-18 x 3/8" Lg. Self Locking

CYLINDER HEAD ASSEMBLY AND HEAD PIPING		
PART NO.	NO. REQ'D.	DESCRIPTION
CM657	12	Cover Plate Gasket
CM734	12	4 Bolt Flange Gasket
CM805	6	Cylinder Head Assembly
CM824	6	Cylinder Head
CM858	6	Suction Valve Retainer
CM859	6	Discharge Valve Retainer
CM862	6	Suction Valve Cover Plate
CM863	6	Discharge Valve Cover Plate
CM866	6	Unloader Cap
CM867	6	Unloader Cylinder
CM868	6	Unloader Piston
CM869	6	Unloader Plunger
CM871	6	Piston Return Spring
CM872	6	Plunger Return Spring
CM874	12	Valve Gasket (Alum.)
CM880	4	Stud 5/8-11 x 2 3/4" Lg.
CM887	6	Suction Valve w/ Unloader
CM887-1	6	Unloader Fork Locknut
CM887-2	6	Unloader Fork
CM887-3	6	Unloader Fork Spring
CM887-4	12	Centerbolt Locknut
CM887-5	6	Valve Seat
CM887-6	12	Washer (Thick)
CM887-7	12	Valve Plate
CM887-8	12	Dampening Plate
CM887-9	12	Spring Plate
CM887-10	12	Washer (Thin)
CM887-11	6	Guard Plate
CM887-12	6	Centerbolt
CM888	6	Discharge Valve
CM888-1	6	Locknut Washer
CM888-2	6	Guard Plate
CM888-3	12	Spring Plate
CM888-4	6	Valve Seat
CM875	6	Cylinder Head Gasket
CM889	6	Unloader Cylinder Gasket
CM931	2	Suction Manifold
CM941	4	Large 4 Bolt Flange Gasket
CM962	3	Unloader Tubing (Cyl. To Cyl.)
CM963	1	L.H. Unloader Tubing (Bank to Bank)
CM964	1	R.H. Unloader Tubing (Bank to Bank)
VH12HH	24	HHCS 5/16-18 x 1 (H.T.)
VH12PM	16	HHCS 1/2-13 x 1"
VH20L	6	Locknut, 7/16"-20
CM984	6	Washer, 7/16 I.D. – 1 1/4" O.D. x 14 Ga.
RK206-3	48	Stud Nuts
VH1225	48	Washer, 25/64 I.D. x 9/16 O.D. x .051
VA14ACE	10	3/4 MPT x 3/4 Tube Conn.
VA01AA	5	1/8 Pipe Plug

PARTS LIST
MODEL C-300H TWO STAGE
CURTIS AIR COMPRESSOR

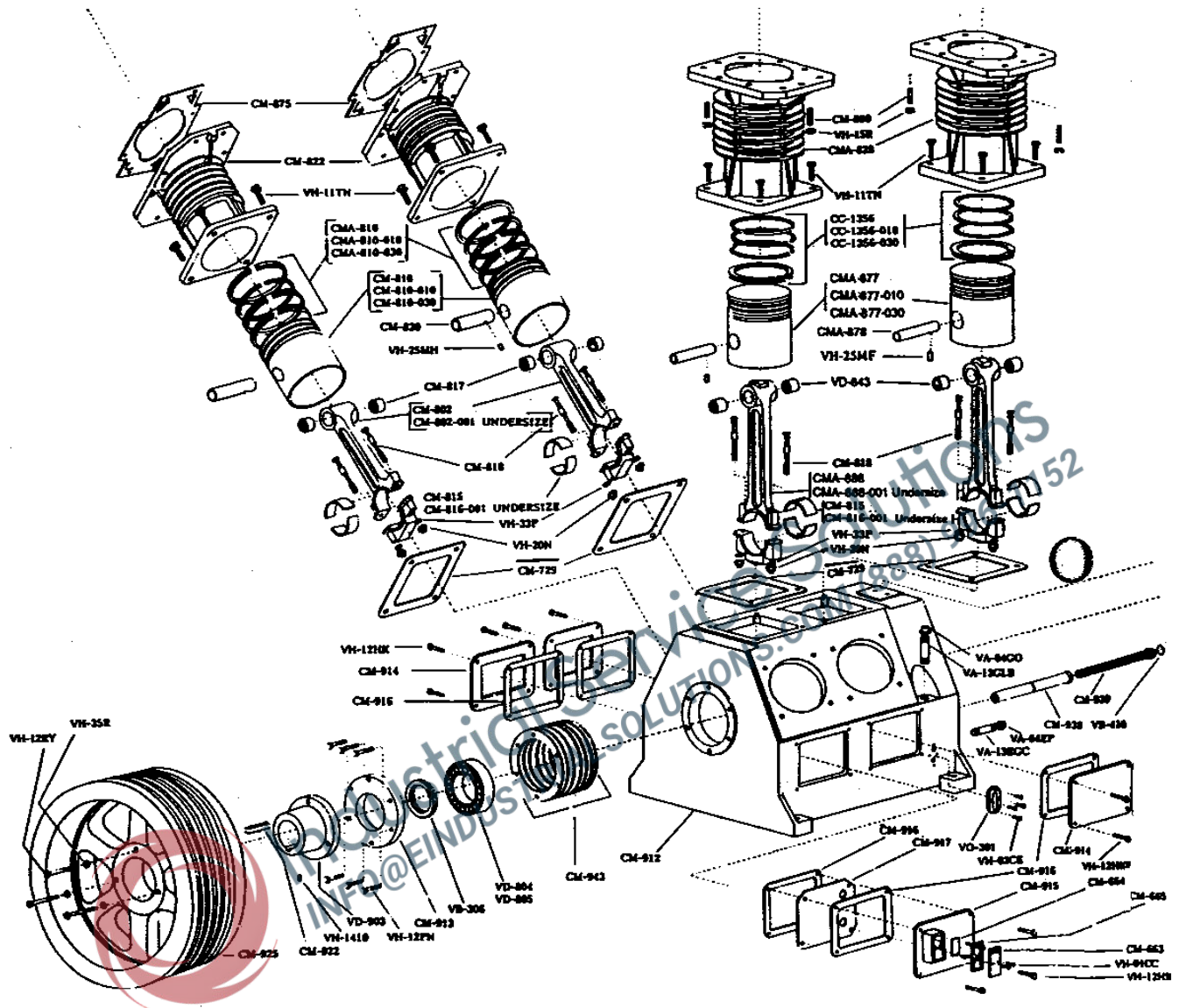
SIZE:-8"-8"-5" X 5-5/8"

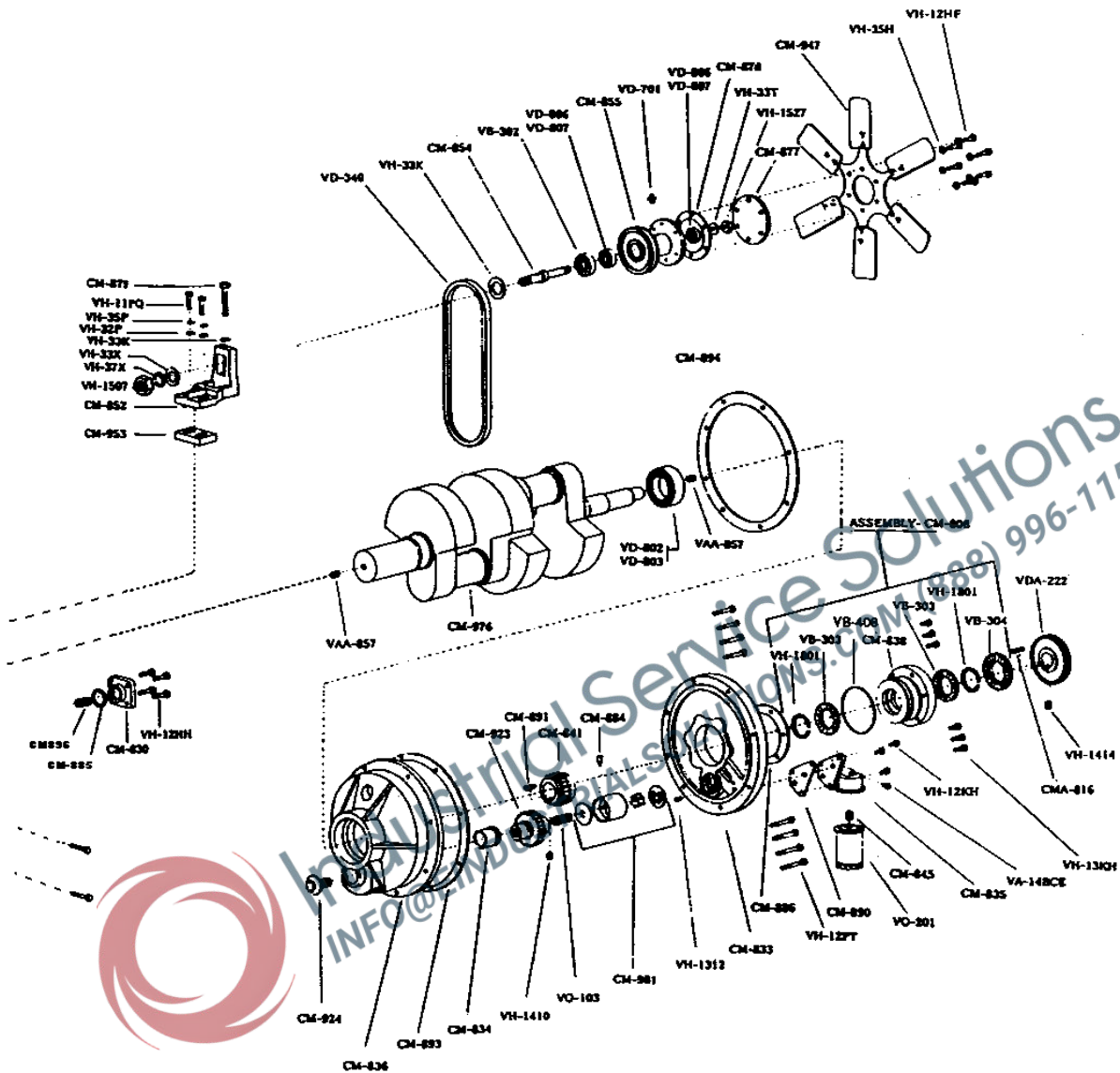
CYLINDER HEAD ASSEMBLY AND HEAD PIPING, continued		
PART NO.	NO. REQ'D	DESCRIPTION
VA01BA	5	¼ MPT Pipe Plug
VA11132	2	Air Filter
VA1133	2	Air Filter Elements
VA13BBC	1	Unloader Pilot Nipple Short ¼" X-Heavy
VB409	6	"O" Ring 1 ¼ x 1 ½ x 1/8 Viton
VH09KN	48	Set Screw – 3/8 NC-1 ¾" Lg.
VH12RN	48	HHCS, 5/8-11 x 1 ¾ (HT)
VH12PM	48	HHCS, ½-13 UNC x 1 ½ (HT)
VV1003	1	Unloader Pilot
INTERCOOLER ASSEMBLY AND PIPING		
VH01CC	8	RHMS, #10-32 x 3/8"
CM734	4	Small 4 Bolt Flange Gasket
CM735	10	Intercooler Section Gasket
CMA856	2	Intercooler Support Bracket – Compressor Side
CM909	5	Intercooler Section Assembly
CM918	5	Intercooler Section Top Header
CM919	5	Intercooler Section Bottom Header
CM920	10	Intercooler Section Header Plate
CM921	10	Intercooler Section Side Frame
CM926	1	Intercooler Top Header
CM927	1	Intercooler Bottom Header
CM928	2	Manifold Tee Connection
CM929	1	High Pressure Flange Connection
CM930	1	High Pressure Suction Elbow
CM932	4	Low Pressure Discharge Elbow
CM933	2	Low Pressure Discharge Flange
CMA855	2	Intercooler Support Bracket – Intercooler Side
CM935	1	R.H. Side Frame
CM936	1	L.H. Side Frame
CM937 L.H.	1	R.H. Fan Shroud
CM937 R.H.	1	L.H. Fan Shroud
CM979	1	Discharge Manifold Connection
CM941	5	Large 4 Bolt Flange Gasket
CM982	1	Discharge Flange Gasket
CM944	2	Discharge Elbow – 1 st Stage
CM945	45	Intercooler Tube

INTERCOOLER ASSEMBLY AND PIPING - continued		
PART NO.	NO. REQ'D	DESCRIPTION
CM946	3	Intercooler Blank Flange
CM948	1	Bottom Fan Shroud
CM949	1	Top Fan Shroud
CM950	1	Air Baffle
CM951	2	Filler Angle
CM952	2	High Side Manifold Pipe
CM978	1	High Pressure Discharge Manifold Assy.
CM955	1	High Pressure Suction Manifold Assy.
CM956	1	L.H. Low Pressure Discharge Tube – 2 nd Stage
CM957	1	R.H. Low Pressure Discharge Tube – 2 nd Stage
CM958	2	L.P. Discharge Connection
CM960	1	L.H. Low Pressure Discharge Manifold Assembly
CM961	1	R.H. Low Pressure Discharge Manifold Assembly
CM968	1	Intercooler Flange
CM977	1	H.P. Flange Connection
VH32P	10	Washers ½" Cut
VH38F	80	Lockwashers ¼" (shakeproof)
VH35P	12	Lockwashers ½" Split
VH11KD	24	HHCS, 3/8-16 x ½"
VH11TD	16	HHCS, 3/4-10 x 2"
VH35T	16	Lockwasher – ¾" Split
VH12PM	12	HHCS, ½-13 x 1"
VH12FE	80	HHCS, ¼-20 x 5/8"
VA1403	1	High Pressure Discharge Flange, 4"-150#
VB404	90	"O" Rings 1" O.D. x ¾" I.D., Viton
VH33K	24	Washer SAE 3/8
VH33P	20	Washer SAE ½
VH12PK	52	HHCS, ½-13 x 1 ¼"
VH12TS	16	HHCS, ¾-10 x 2 ¾" (H.T.)
VH38D	6	Lockwasher #10
VH15T	16	Hex Nut ¾" – 10
VV426	1	Safety Pop Valve 1 ¼" ASME Set 90#
VV514	1	Drain Cock ¼"
VA01DR	1	½" Pipe Plug, Sq. Hd.

L. P.

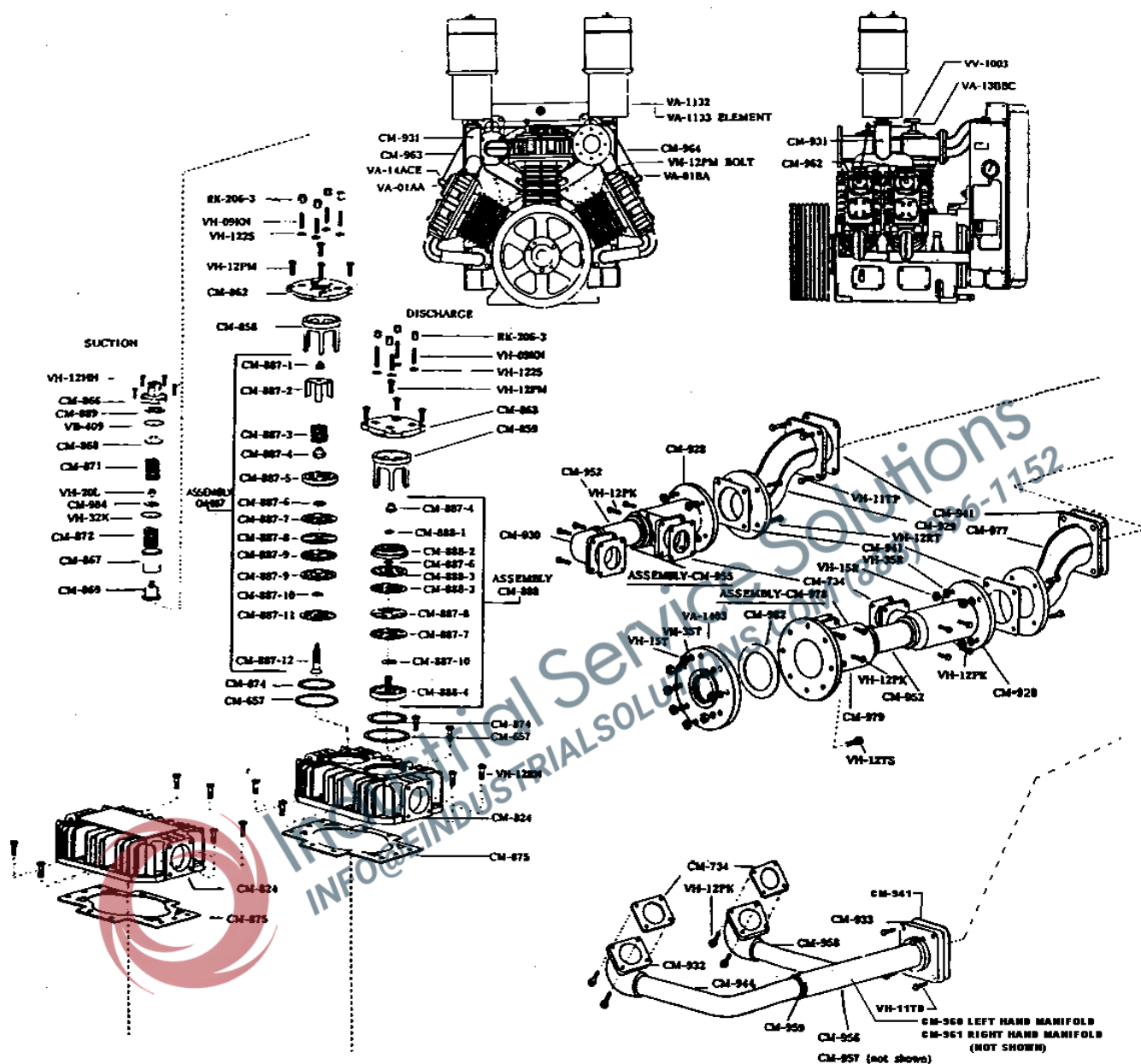
H. P.





Give name and part number as shown and SERIAL NUMBER of compressor when ordering parts.
 Serial number appears on nameplate attached to compressor.

Refer to MASTER PARTS PRICE LIST for prices.



Give name and part number as shown and SERIAL NUMBER of compressor when ordering parts.
Serial number appears on nameplate attached to compressor.

Refer to MASTER PARTS PRICE LIST for prices.

PARTS LIST
MODEL C-300H TWO STAGE
CURTIS AIR COMPRESSOR

SIZE:-8"-8"-5" X 5-5/8"

INTERCOOLER FAN PULLEY ASSEMBLY		
PART NO.	NO. REQ'D.	DESCRIPTION
CM852	1	Fan Bracket
CM854	1	Fan Shaft
CM855	1	Fan Pulley
CM877	1	Fan Pulley Plate
CM878	1	Fan Pulley Plate Gasket
CM879	1	Adjusting Screw
CM947	1	Fan
CM953	1	Bracket Spacer
VH32P	2	Washer – ½" Cut
VH35H	6	Lockwasher – 5/16"
VH12HF	6	HHCS, 5/16-18 x ¾" Lg.
VH35P	2	Lockwasher ½" Split
VH1527	1	Locknut – ¾" – 16
VB302	1	Oil Seal
VD340	1	"V" Belt "A" – 43
VD701	1	Grease Fitting – 3/16" St.
VD806	2	Roller Bearing Cup LM 11910
VD807	2	Roller Bearing Cone LM 11949
VH33T	1	Washer, 1 ½ OD x 13/16 ID x .148 thk
VH33X	2	Washer, 2"OD x 1-1/16ID x .165 thk.
VH33K	1	Washer, SAE – 13/16od x 13/32ID x .165 thk.
VH37X	1	Lockwasher – Split – 1" Light Series
VH1507	1	Hex Nut – Light Series 1"-14 UNF
VH11PQ	2	HHCS, ½-13 UNC x 2-1/4 Lg.

MASTER OIL SEAL ASSEMBLY		
PART NO.	NO. REQ'D.	DESCRIPTION
CM808	1	Master Oil Seal Assembly
CM838	1	Master Oil Seal Housing
VB303	2	Oil Seal
VB304	1	Oil Seal
VB408	1	"O" Ring 3 ¾ x 4 x 1/8
VH13KH	6	Hollow HHCS – 3/8-16 x 1" (H.T)
VH1801	2	Retaining Ring



CURTIS-TOLEDO, INC.

1905 Kienlen Avenue, St. Louis, Missouri 63133

(314)383-1300 FAX (314) 381-1439

e-mail: info@curtistoledo.com

Sales representatives in principal cities