

## ML10 SIMPLEX TECHNICAL DATA

<b>Capacity and power: ISO-1217(1996 annex #C)</b>				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	39.8			
<b>Basic Pump</b>				
Model	D97A			
Stage	2			
Lubrication type	Centro-Ring Pressure lubrication			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 800			
Outfit RPM	600			
BHP – HP	9.34			
Bore (LP/HP) – inch	6.25" – 3.375"			
Stroke – inch	3.75"			
Inlet size	1 1/4" NPT			
Discharge size	1 1/4" OD			
Sheave OD	17.875"			
Sheave PD	17.52"			
Number of belts	3			
Belt section	B			
Low oil sight glass	N/A			
Oil quantity	5 Pints			
Unloaders and Method	Suction Head			
Noise level – dB(A)	82			
<b>Motor</b>	<b>3-200V</b>	<b>3-230V</b>	<b>3-460</b>	<b>3-575V</b>
Enclosure	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F
Efficiency - %	89.5	91.7	91.7	91.7
Nominal rated power – HP	10	10	10	10
Speed of rotation - rpm	1765	1770	1770	1770
FLA	30.8	25.0	12.5	10.0
Service factor	1.15	1.15	1.15	1.15
Locked rotor current – A	218	168	84	67
Power Factor	78	82	82	82
<b>Installation condition</b>				
Allowed ambient temperature min - max - °F	32-104			
<b>Compressor dimensions</b>				
Air Receiver Type	Horizontal		Horizontal UP	
Air receiver size (Gal)	120		120	
Compressor outlet	3/4" NPT		3/4" NPT	
Length – inch	74		74	
Width – inch	33		36	
Height – inch	59		57	
Weight – Lbs.	1020		1050	
<b>Air Cooled Aftercooler (Option)</b>				
Availability	Yes			
Air cooled aftercooler CTD - °F	18			

**Remark:**

1. Capacity (FAD) measured in accordance with ISO 1217, Ed 3, Attachment C 1996, Ref. condition: Dry air, suction pressure 1 bar.
2. Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
3. Due to continuous product development at FS-CURTIS, design and specifications are subject to change without notice.

## ML10 DUPLEX TECHNICAL DATA

<b>Capacity and power: ISO-1217(1996 annex #C)</b>				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	79.6			
<b>Basic Pump</b>				
Model	D97A			
Stage	2			
Lubrication type	Centro-Ring Pressure lubrication			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 800			
Outfit RPM	600			
BHP – HP	9.34			
Bore (LP/HP) – inch	6.25" – 3.375"			
Stroke – inch	3.75"			
Inlet size	1 1/4" NPT			
Discharge size	1 1/4" OD			
Sheave OD	17.875"			
Sheave PD	17.52"			
Number of belts	3			
Belt section	B			
Low oil sight glass	N/A			
Oil quantity	5 Pints Each			
Unloaders and Method	Suction Head			
Noise level – dB(A)	82			
<b>Motor</b>	<b>3-200V</b>	<b>3-230V</b>	<b>3-460</b>	<b>3-575V</b>
Enclosure	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F
Efficiency - %	89.5	91.7	91.7	91.7
Nominal rated power – HP	10	10	10	10
Speed of rotation - rpm	1765	1770	1770	1770
FLA	30.8	25.0	12.5	10.0
Service factor	1.15	1.15	1.15	1.15
Locked rotor current – A	218	168	84	67
Power Factor	78	82	82	82
<b>Installation condition</b>				
Allowed ambient temperature min - max - °F	32-104			
<b>Compressor dimensions</b>				
Air Receiver Type	Horizontal		Horizontal UP	
Air receiver size (Gal)	200		200	
Compressor outlet	1" NPT		1" NPT	
Length – inch	88		90	
Width – inch	32		37	
Height – inch	64		64	
Weight – Lbs.	1800		1950	
<b>Air Cooled Aftercooler (Option)</b>				
Availability	Yes			
Air cooled aftercooler CTD - °F	18			

**Remark:**

1. Capacity (FAD) measured in accordance with ISO 1217, Ed 3, Attachment C 1996, Ref. condition: Dry air, suction pressure 1 bar.
2. Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
3. Due to continuous product development at FS-CURTIS, design and specifications are subject to change without notice.

## ML10 BASE MOUNTED

### TECHNICAL DATA

<b>Capacity and power: ISO-1217(1996 annex #C)</b>				
Normal working pressure - psi	175			
Capacity at normal working press - cfm	39.8			
<b>Basic Pump</b>				
Model	D97A			
Stage	2			
Lubrication type	Centro-Ring Pressure lubrication			
Valve type	Disc Valve			
RPM (min – max) – rpm	500 - 800			
Outfit RPM	600			
BHP – HP	9.34			
Bore (LP/HP) – inch	6.25" – 3.375"			
Stroke – inch	3.75"			
Inlet size	1 1/4" NPT			
Discharge size	1 1/4" OD			
Sheave OD	17.875"			
Sheave PD	17.52"			
Number of belts	3			
Belt section	B			
Low oil sight glass	N/A			
Oil quantity	5 Pints			
Unloaders and Method	Suction Head			
Noise level – dB(A)	82			
<b>Motor</b>	<b>3-200V</b>	<b>3-230V</b>	<b>3-460</b>	<b>3-575V</b>
Enclosure	IP23	IP23	IP23	IP23
Insulation Class	F	F	F	F
Efficiency - %	89.5	91.7	91.7	91.7
Nominal rated power – HP	10	10	10	10
Speed of rotation - rpm	1765	1770	1770	1770
FLA	30.8	25.0	12.5	10.0
Service factor	1.15	1.15	1.15	1.15
Locked rotor current – A	218	168	84	67
Power Factor	78	82	82	82
<b>Installation condition</b>				
Allowed ambient temperature min - max - °F	32-104			
<b>Compressor dimensions</b>				
Air Receiver Type	Base Mounted			
Air receiver size (Gal)	N/A			
Compressor outlet	1" NPT			
Length – inch	35			
Width – inch	31			
Height – inch	34			
Weight – Lbs.	675			
<b>Air Cooled Aftercooler (Option)</b>				
Availability	Yes			
Air cooled aftercooler CTD - °F	18			

**Remark:**

- Capacity (FAD) measured in accordance with ISO 1217, Ed 3, Attachment C 1996, Ref. condition: Dry air, suction pressure 1 bar.
- Sound Pressure Level in accordance with ISO 2151, edition 2004 with a tolerance of 3dB(A).
- Due to continuous product development at FS-CURTIS, design and specifications are subject to change without notice.