

S0300-BV-CAT-010

AIR COMPRESSOR SYSTEM, PORTABLE, 600-CFM, 100-PSI

System - S01200



600-CFM Portable Air Compressor System S01200

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The 600-CFM Portable Air Compressor System S01200 consists of a diesel driven air compressor, an ancillary set, and a spare parts kit. Two air compressor configurations with similar specifications are available to allow the end user to meet on-site pressure and airflow requirements of up to 600 cfm and 100 psi. The system provides low pressure/moderate volume auxiliary air for salvage operations. The ancillary set includes hoses, a hose repair kit, a distribution manifold, a machinery containment pool, and various fittings.

System Components for S01200

Alternates

ESSM No	Nomenclature	Type	Qty	NS	Cont
AC0317	AIR COMPRESSOR, 600 CFM @ 100 PSI, DIESEL	BL	1		
AC0301	AIR COMPRESSOR, 600 CFM @ 100 PSI, DIESEL	ALTN			
AC0318	ANCILLARY SET, FOR AC0317 AIR COMPRESSOR	BL	1		Y
AC0319	SPARE PARTS KIT, FOR AC0317 AIR COMPRESSOR	Contents	1		
CP3040	CONTAINMENT POOL, 20' X 10' X 12"	Contents	1		
AC0302	ANCILLARY SET, FOR AC0301 AIR COMPRESSOR	ALTN			Y
AC0303	SPARE PARTS KIT, FOR AC0301 AIR COMPRESSOR	Contents	1		
CP3040	CONTAINMENT POOL, 20' X 10' X 12"	Contents	1		

Baseline verified on 6/19/2014, * Not shown in catalog.

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ESSM - AC0317 AIR COMPRESSOR, 600 CFM @ 100 PSI, DIESEL



600-CFM Air Compressor AC0317

The 600-CFM Air Compressor AC0317 is an enclosed, skid-mounted, diesel driven, single-stage, cyclonic-type air compressor. The air compressor is equipped with forklift slots in the compressor skid to facilitate handling. It can deliver up to 600 cfm at an operating pressure of 100 psi. The air compressor discharge piping has one 2", 2-lug coupling and three 1", 2-lug couplings that are attached to hoses to transmit air to the end users.

Specifications		
Type	Description	Qty
Air Compressor Assembly		
Manufacturer	Ingersoll-Rand	
Model	HP-600	
Compressor		
Manufacturer	Ingersoll-Rand	
Model	HP-600-W-GM	
Type	Single-stage Cyclonical	
Op. pressure (rated)	150 psi	
Delivery (actual)	600 cfm @ 100 psi	

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Specifications

Type	Description	Qty
Engine		
Manufacturer	Detroit Diesel	
Model	7063-7000	
Series	6-53 Diesel	
Speed		
Full load	2200 rpm	
No load	1200 rpm	
Starting system	Hydraulic	
Fuel	Diesel	
Fuel source	Internal 120-gal tank	
Fuel consumption	12.5 gph	

Physical Characteristics

Type	Descriptions		
	Shipping	Operating	
Length	16 ft, 9 in	17 ft, 6 in	
Width	8 ft, 1 in	8 ft, 1 in	
Height	7 ft, 11 in	7 ft, 11 in	
Cube	1072 cu ft	1120 cu ft	
Footprint	136 sq ft	142 sq ft	
Weight	15385 lb	15385 lbs	

References

Ref No	Reference
1	Operation and Maintenance Manual for Spiro-Flo 600-cfm Air Compressor

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ESSM - AC0301 AIR COMPRESSOR, 600 CFM @ 100 PSI, DIESEL



600-CFM Air Compressor AC0301

The 600-CFM Air Compressor AC0301 is an enclosed, skid-mounted, diesel driven, two-stage, rotary type air compressor. The air compressor is equipped with a lifting ring, located at the center of the compressor enclosure, to facilitate handling. The air compressor can deliver up to 600 cfm at an operating pressure of 100 psi. The air compressor discharge piping has one, 2", 2-lug coupling, and two, 1", 2-lug couplings that are attached to hoses to transmit air to the end users.

Specifications

Type	Description	Qty
Air Compressor Assembly		
Manufacturer	Ingersoll-Rand	
Model	DR-600	
Type	Rotary vane two-stage	
Op. pressure(rated)	100 psi	
Delivery (actual)	600 cfm	
Engine		
Manufacturer	Detroit Diesel	
Model	100-5001	
Series	6-71 Diesel	
Speed		

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Specifications

Type	Description	Qty
Full load	1800 rpm	
No load	800 rpm	
Starting system	Hydraulic	
Fuel	Diesel	
Fuel source	Internal 90-gal. tank	
Fuel consumption	13.5 gph	

Physical Characteristics

Type	Descriptions		
	Shipping	Operating	
Length	13 ft, 6 in	13 ft, 6 in	
Width	5 ft, 11 in	5 ft, 11 in	
Height	7 ft, 6 in	7 ft, 6 in	
Cube	600 cu ft	600 cu ft	
Footprint	80 sq ft	80 sq ft	
Weight	9130 lbs	9130 lbs	

References

Ref No	Reference
1	Gryo-Flo Instruction and Parts List Manual for Portable Air Compressor

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ESSM - AC0318 ANCILLARY SET, FOR AC0317 AIR COMPRESSOR



Ancillary Set for AC0317 Air Compressor AC0318

The Ancillary Set AC0318 contains a manifold, hoses, and couplings to support one 600-CFM Air Compressor AC0317. The manifold is configured to attach to the compressor discharge with four outlets, each with an isolation valve. The Ancillary Set contains parts required to service and maintain the hoses and manifold.

Specifications		
Type	Description	Qty
Manufacturer	ESSM Facility	
Model	AC0318	
This set contains the following major items:		
Container, Storage, 65" x 49" x 52"		1
Assembly, manifold		1
Container, Hose Repair Kit, 24" x 20" x 10"		1
Clamp, boss, 4-bolt, 1"		8
Clamp, boss, 4-bolt, 2"		8
Clip, safety		1
Coupler, air hose end 2-Lug		4

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Specifications

Type	Description	Qty
Coupler, air hose end 4-Lug		4
Inventory, laminated		1
Lanyard, nylon (bag of 25)		1
Mender, hose, 1"		4
Mender, hose, 2"		2
Washer, 1"		1
Washer, 2"		8
Hose, air, 1" x 25' w/1" boss clamp ea		4
Hose, air, 1" x 50' w/2" boss clamp ea		4
Hose, air, 2" x 25' w/2" boss clamp ea		2
Hose, air, 2" x 50' w/1" boss clamp ea		2

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	5 ft, 5 in		
Width	4 ft, 2 in		
Height	4 ft, 4 in		
Cube	98 cu ft		
Footprint	23 sq ft		
Weight	1010 lb		

References

Ref No	Reference
1	None

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ESSM - AC0319 SPARE PARTS KIT, FOR AC0317 AIR COMPRESSOR



Spare Parts Kit for AC0319 Air Compressor AC0317

The Spare Parts Kit AC0319 contains the items necessary to support the operation and maintenance of one 600-CFM Air Compressor AC0317. The spare parts kit is stored and shipped inside the Ancillary Set AC0318 container.

Specifications

Type	Description	Qty
Manufacturer	ESSM Facility	
Model	AC0316	
This kit contains the following major items:		
Container, Spare Parts Kit, 24" x 20" x 10"		1
Filter, fuel, primary		1
Filter, fuel, secondary		1
Filter, engine oil		1
Filter, coolant		1
Inventory, laminated		1

Physical Characteristics

Type	Descriptions
	Shipping

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Physical Characteristics

Type	Descriptions		
Length	2 ft, 0 in		
Width	1 ft, 8 in		
Height	0 ft, 11 in		
Cube	4 cu ft		
Footprint	4 sq ft		
Weight	20 lb		

References

Ref No	Reference
1	None

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ESSM - CP3040 CONTAINMENT POOL, 20' X 10' X 12"



20' X 10' X 12" Containment Pool CP3040

Containment Pool CP3040 is a 20' x 10' x 12" urethane berm. It is used to catch and contain any oil, fuel, hydraulic fluid, or contaminants leaking or spilled from diesel powered or hydraulically driven components.

Specifications

Type	Description	Qty
Manufacturer	Basic Concepts	
Fabric material	Cooley Urethane	

Physical Characteristics

Type	Descriptions		
	Shipping	Operating	
Length	3 ft, 3 in	20 ft, 0 in	
Width	3 ft, 0 in	10 ft, 0 in	
Height	1 ft, 0 in	1 ft, 0 in	
Cube	10 cu ft	200 cu ft	
Footprint	10 sq ft	200 sq ft	
Weight	135 lb	135 lb	

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References

Ref No	Reference
1	None

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ESSM - AC0302 ANCILLARY SET, FOR AC0301 AIR COMPRESSOR



Ancillary Set for AC0301 Air Compressor AC0302

The Ancillary Set AC0302 contains a manifold, hoses, and couplings to support one 600-CFM Air Compressor AC0301. The manifold is configured to attach to the compressor discharge, with four outlets, each with an isolation valve. The Ancillary Set contains parts and materials required to service and maintain the hoses and manifold.

Specifications		
Type	Description	Qty
Manufacturer	ESSM Facility	
Model	AC0302	
This set contains the following major items:		
Container, Storage, 65" x 49" x 52"		1
Hose, air, 1" x 25 w/1" boss clamp each end		4
Hose, air, 1" x 50 w/2" boss clamp each end		4
Hose, air, 2" x 25 w/2" boss clamp each end		2
Hose, air, 2" x 50 w/1" boss clamp each end		2

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Specifications

Type	Description	Qty
Assembly, manifold		1
Container, Hose Repair Kit, 24" x 20" x 10"		1
Clamp, boss, 4-bolt, 1"		8
Clamp, boss, 4-bolt, 2"		8
Coupler, air, 1" female to male, NPT		16
Coupling, air, 1" male NPT end		4
Coupling, air king hose end, 1"		4
Coupler, hose end, surelock, 2"		4
Coupler, surelock 2-Lug, 2"		4
Mender, hose, 1"		4
Mender, hose, 2"		2
Lanyard, nylon (bag of 25)		1
Clip, safety		1
Washer, 1"		1
Washer, 2"		8
Inventory, laminated		1

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	5 ft, 6 in		
Width	4 ft, 1 in		
Height	4 ft, 4 in		
Cube	98 cu ft		
Footprint	23 sq ft		
Weight	1060 lbs		

References

Ref No	Reference
1	None

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ESSM - AC0303 SPARE PARTS KIT, FOR AC0301 AIR COMPRESSOR



Spare Parts Kit for AC0301 Air Compressor AC0303

The Spare Parts Kit AC0303 contains the items necessary to support the operation and maintenance of one 600-CFM Air Compressor AC0301. The spare parts kit is stored and shipped in the Ancillary Set AC0302.

Specifications

Type	Description	Qty
Manufacturer	ESSM Facility	
Model	AC0303	
This kit contains the following major items:		
Container, Spare Parts Kit, 24" x 20" x 10"		1
Filter, fuel, primary		1
Filter, fuel, secondary		1
Filter, engine oil		1
Inventory, laminated		1

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	1 ft, 4 in		

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Physical Characteristics

Type	Descriptions		
Width	0 ft, 11 in		
Height	0 ft, 7 in		
Cube	1 cu ft		
Footprint	2 sq ft		
Weight	5 lb		

References

Ref No	Reference
1	None

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Specifications

Type	Description	Qty
Manufacturer	Basic Concepts	
Fabric material	Cooley Urethane	

Physical Characteristics

Type	Descriptions		
	Shipping	Operating	
Length	3 ft, 3 in	20 ft, 0 in	
Width	3 ft, 0 in	10 ft, 0 in	
Height	1 ft, 0 in	1 ft, 0 in	
Cube	10 cu ft	200 cu ft	
Footprint	10 sq ft	200 sq ft	
Weight	135 lb	135 lb	

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References

Ref No	Reference
1	None