Desiccant Compressed Air Dryer
Dryspell Series

INSTALLATION, OPERATION, MAINTENANCE
Regenerative Type Heatless Desiccant Dryer

GENERAL

Compressed air is a vital energy medium used in almost all areas of industrial production. The atmospheric air taken in by the compressor contains contaminants, dirt particles and humidity, i.e. water vapor which condenses in compressed air pipes. The condensation can lead to considerable costs (corrosion, freezing, etc.). These costs can be avoided by the application of a Dryspell Series dryer. This complete purification system includes an optional prefilter with automatic condensate drain, heatless adsorption dryer and in built afterfilter. The Dryspell series with *optional Prefilter*(*Recommended*) is specially made for small compressed air flows, is compact, easy to maintain, and comes standard with

- Electronic controller with manual purge economizer and compatible with dew point sensor for automatic purge control
- Electronic drain valve on the inlet filter
- A inbuilt 3-micron particulate after-filter (within the diffuser screen or Compactor plate) to protect downstream equipment from desiccant fines.

Design

The air enters the coalescing prefilter where solids and condensates (oil/water mixture) are retained up to a residual oil content of 0.01mg/cu.m. The heatless regenerative dryer then adsorbs moisture from the compressed air stream down to an atmospheric dew point (ADP) of –40°F at standard inlet conditions (100°F, 100% saturated, 100psig). Finally the in built after filter removes any desiccant fines before they can travel downstream.

Models

Dryspell Models	Nominal Inlet Flow SCFM
10	10
20	20
30	30
45	45
60 A	60
100	100
125	125
200	200
250	250
300	300
375	375

Statement of conformity

- 97/23/CE : Pressurised Equipments
- 89/392/CEE : Machine Safety
- 89/336/CEE : Electromagnetic Compatibility
- 73/23/CEE : Low Voltage

Specification

Maximum Pressure	: 225 PSIG (16 bar)
Minimum Pressure	: 29 PSIG (2 bar)
Maximum Temperature	: 158 F
Voltage	: 115/1/60, 208-230/1/60, 220-240/1/50
Power Consumption	: 12 Watt Max
Recommended	
Pre-filter rating	: 0.01 Micron (Coalescer)
After-filter Rating (Inbuilt)	: 3.0 Micron (within the diffuser screen or Compactor plate)
Cycle Time	: 4 min
Purge Loss	: 12%
Air Outlet Conditions	: Dry air down to -40degF ADP
Power Cord	: 7 ft

Contents

The dryer consists of:

- 2 aluminum towers filled with desiccant
- 2 aluminum blocks including air seals and check valve
- 1 Pre filter
- 2 solenoid pilot valves
- Built in after filters
- 1 electronic control
- 1 pressure gauge
- 2 Mufflers
- Electronic auto drain

Adsorbent Material

The desiccant used in the dryspell series is a smooth sphere of activated alumina produced by a unique manufacturing process. The benefits of using this high performance desiccant include:

- Uniform ball size
  - ✓ Reduces pressure drop and channeling

- High crush strength
  - ✓ Allows rapid pneumatic loading of towers

- Low abrasion
  - ✓ The low abrasion ensures less dusting during transport, loading, and service life which reduces pressure drop and minimizes downstream valve and filter plugging, common with dustier products.

- High adsorptive capacity.
  - ✓ The desiccant's high surface area and tailored pore distribution provide a high dynamic H2O adsorption capacity. It also has excellent cyclical stability which leads to a long desiccant life.

DESCRIPTION OF OPERATION

Operating Principles

Wet air enters the inlet prefilter and flows from the top block to the lower block via the air transfer tubes. Air then flows to the shuttle inlet valve and is diverted to tower 1. The compressed air flowing through tower 1 is dried to a –40°F ADP and exits via the outlet filter. A small portion (12%) of the compressed air is expanded to near atmospheric pressure by passing through the purge orifice. Expansion of this already-dry gas to near-atmospheric pressure increases the ability of the purge air to strip the previously adsorbed water vapor from the partially saturated desiccant bed in tower 2. The air exhausts through the opened two-way purge valve. This cycle continues for 1.5 minutes then the purge valve closes and tank 2 begins re- pressurization. After 30 seconds purge valve 1 opens and the process repeats for tower 2.

- the online tower dries for 2 minutes
- the offline tower regenerates for 1 minute and 30 seconds
- the offline tower re-pressurizes for 30 seconds

Warning

Failure to follow these instructions can lead to serious injury or death.
This dryer should be only be used for drying filtered, compressed air.
Ensure inlet air to this air dryer is filtered.

Only experienced and licensed electricians that are properly trained in compressed air systems should service or repair Trident products. Before start-up or performing any maintenance on any Trident air dryer, filter, drain system, or other equipment, you must first turn off and disconnect all electrical power and service to the equipment at the main disconnect switch. Also, be sure to bypass and depressurize the dryer to 0 PSIG. Do not start or operate the dryer if there is a leak. Make sure the dryer's protection rating is applicable to the installation conditions. Do not operate the dryer at pressures and/or temperatures above the maximum allowable marked on the data label. Likewise, verify that incoming voltage matches the voltage marked on the data label. Do not lift the dryer by its piping or control box or drop the dryer. Doing so may damage the dryer.

INSTALLATION AND MAINTENANCE

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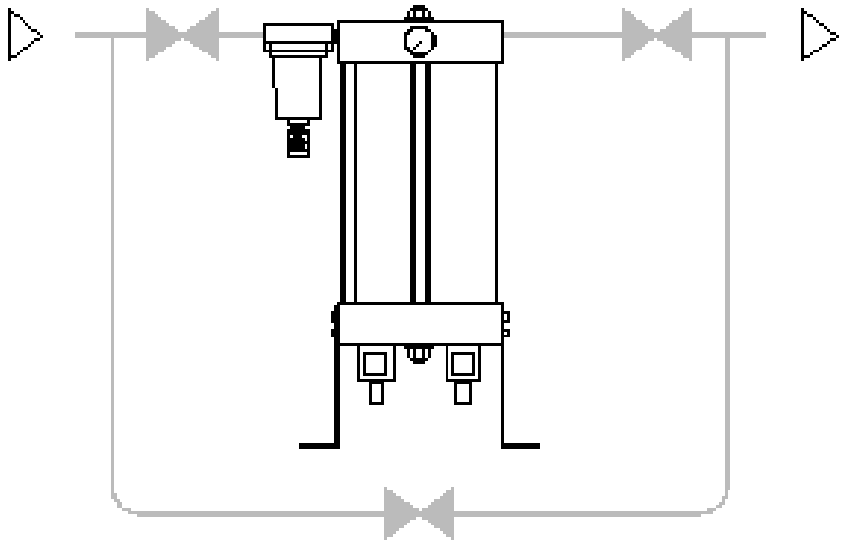


Safety

Dryspell dryers are intended for the drying of compressed air. Under no circumstance should they be used to dry other gases.

The desiccants used are not toxic. However, they may cause respiratory problems if they are inhaled in dust form. The use of a dust mask is sufficient to protect personnel.

Installation Site and Connections

- Install the dryer in a closed clean, dry room protected from freezing. Access to the room should be restricted to personnel qualified in maintenance and operation. The room must be adequately ventilated. The dryer must not be directly exposed to sources of heat. The temperature of the room must not exceed 43℃/109℉.
- Make sure that the dryer is not near any equipment which does not comply with the electromagnetic compatibility directives and which may degrade dryer operation. There must be a minimum distance of 3 feet between the dryer and any other equipment which uses electricity.
- Ensure that the dryer is installed in the vertical position.
- Dryer should be secured by bolting it down.

- Install a system of by-pass valves between the dryer inlet and outlet so the dryer can be serviced without having to interrupt the compressed air supply from the circuit (see diagram above). The upstream and downstream valves must be closed during installation.
- Connect a drain line to the Pre-filter auto drain outlet.
- Check for leaks after all connections have been made.
- Always pressurize dryer before power up.

Electrical Connections

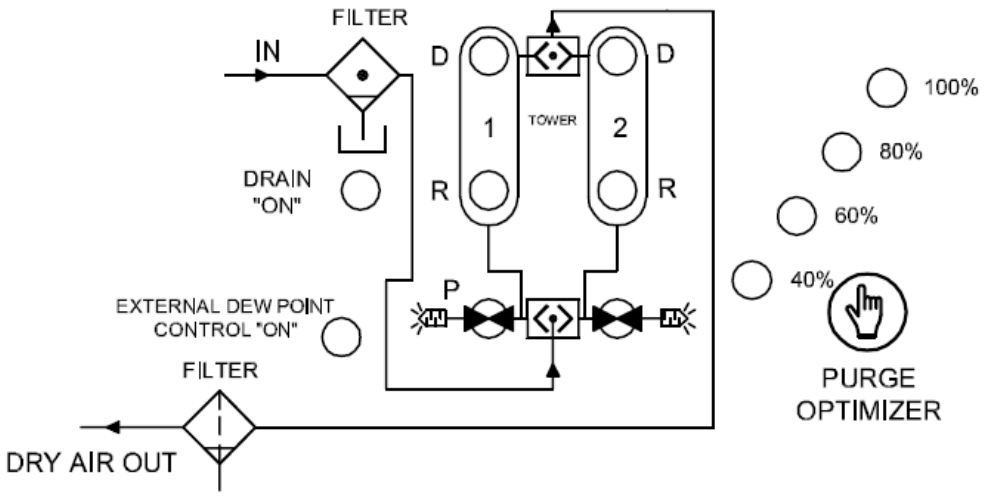
Connect the electrical power cable to an 85-260 V, single phase, 60 Hz grounded power supply.

Running The Installation and Turning On The Dryer

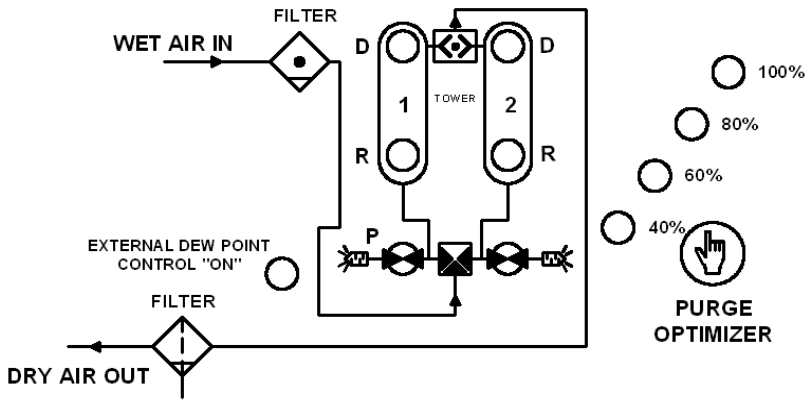
The valves upstream and downstream of the dryer must be closed and the by-pass valve open before the compressor is started.

- Make sure power to dryer is off.
- Open bypass valve, close outlet valve.
- Open inlet valve until dryer is pressurized.
- Open outlet, close bypass valve.
- Turn on power to the dryer.
- Check if the LED on the tower is in the drying operation, and that the automatic drain valve at the bottom of the prefilter drains every 4 minutes

Control Panel DS 31-90



Control Panel DS 31-200



The control panel presents all the instruments necessary to control and regulate the dryer:

- a machine diagram
- two LEDs indicating the tower in drying operation (Tower 1 and Tower 2).
- a LED indicating the prefilter drain operation (Drain) (for models equipped with electronic auto drain.).
- Press 8 sec Purge Optimizer button continuously, then set the value (40% to 100%) if needed to control the purge flow

Operating Cycles Time

Drying time : 2 min
Regeneration time : 1 min 30 seconds
Pressurization time : 30 seconds

First Cycle		Second Cycle	
Tower 1	Tower 2	Tower 1	Tower 2
Drying	Regeneration	Regeneration	Drying
	Re-pressurization	Re-pressurization	

When 1 is lighted, tower 1 is in drying operation and tower 2 is in regeneration mode. After tower 2 regeneration is finished, tower 2 LED will blink to show that the tank is now in the pressurization stage. After 30 seconds of pressurization, tower 1 will depressurize, the operating cycle is reversed with tower 1 is in the regeneration stage and tower 2 in the drying mode. (**Caution: At the end of the pressurization the regeneration tower will depressurize producing a loud noise.**) The cycle occurs every 2 minutes. (For models equipped with prefilter and electronic auto drain, the prefilter condensate drain discharge is programmed every 4 minutes for 4 seconds.) All these cycle times are fixed and not adjustable by user.

Shutting Down the Dryer

Follow the procedure below:

- Open the by-pass valve.
- Close the inlet valve.
- Close the outlet valve.
- Turn off power to the dryer.

Adsorption dryers are robust, reliable machines. To ensure uninterrupted, problem-free operation, regularly perform the inspections below.

Monthly Inspections

During the monthly routine inspection, check that:

- the drying and regeneration cycles function normally,
- the silencers are not clogged.

Semi Annual Inspections

During the semi-annual routine inspection, check that:

- that the drying and regeneration cycles function normally
- the silencers are not clogged
- replace filter elements

Annual Inspections

During the annual routine inspection, check that:

- the drying and regeneration cycles function normally
- the silencers are not clogged
- replace filter elements.
- the state of the desiccant: if the desiccant is brown (oil pollution) or if there is a lot of dust (disintegration), then change the desiccant (see next section).
- the state of block 'O' rings.

During the entire operation, the compressor and the dryer must be shut down. It is recommended for all personnel who are in the presence of the desiccant to wear dust masks

Quantity of Desiccant in the Dryer

The replacement desiccant in your dryer must be absolutely identical to the initial desiccant. Contact the factory for desiccant kit part number.

The total quantities required for each model are as follows (weight in kgs):

Dryspell Models	Quantity (Kgs)
10	2
20	6
30	8
45	10
60 A	14
100	8 Bag*
125	10 Bag
200	16 Bag
250	20 Bag
300	24 Bag
375	30 Bag

*Bag is a special custom made desiccant cartridge. It is accurately packed and sealed with a required quantity and quality of desiccant.

Changing the Desiccant

1. **Dryspell 10 to Dryspell 60A**

- Bypass dryer.
- Disconnect dryer from airlines.
- Loosen the Tie rod and remove it
- Replace the old desiccant
- Make sure O-rings or gaskets are in place
- Install and screw the Tie rod

2. **Dryspell 100 to Dryspell 375**

- Bypass the dryer.
- Disconnect dryer from air lines.
- Loosen the M8 Allen Bolt and remove the top block and top compactor plate.
- Remove the saturated desiccant bag by pulling the bag handle in upward direction and replace the new desiccant bag. If there is no desiccant bag, just tilt the dryer remove the old desiccant and replace new desiccant bag.
- Make sure O-rings or gaskets are in place
- Install the top compactor plate continues by top block and screw the M8 Allen Bolt.

LEDS not Glowing
A – Check the power supply connection and tension

Tower Status LED not Changing
A – Change the controller

LEDS Status Change but Tower not Switching
A – Check coil connection at DIN and terminal connector in the controller
B – Check the solenoid valve

No Purging
A – Check the solenoid valve
B – Check the exhaust valve
C – Clean the silencer (muffler)

Continuous Purging at Tower 1
A – Shuttle not closing
B – Check pilot air for exhaust valve
C – Check exhaust valve piston stuck

High Purge Loss
A – Check outlet shuttle closing
B – Check for silencer choke

High Pressure Drop across Dryer
A – Prefilter may be clogged. Check and replace filter elements.
B – Check whether the dryer is being overflowed.

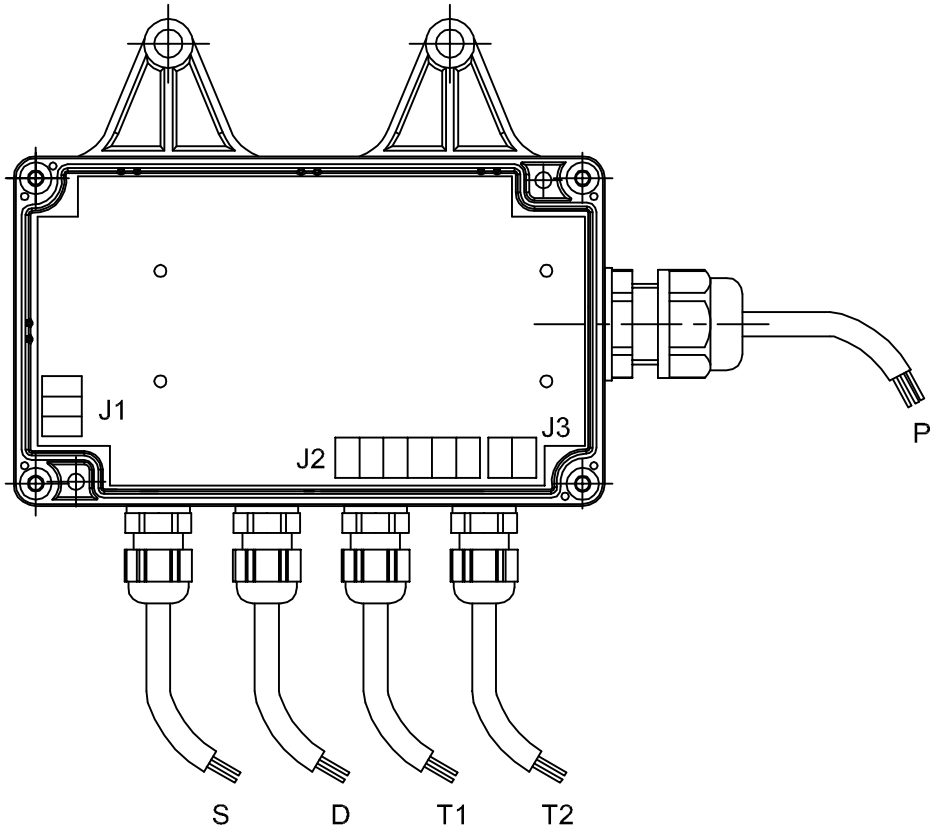
Instructions		
Receiving Inspection Plan	TPPL\ENG\03	REV. 00 CLAUSE 03

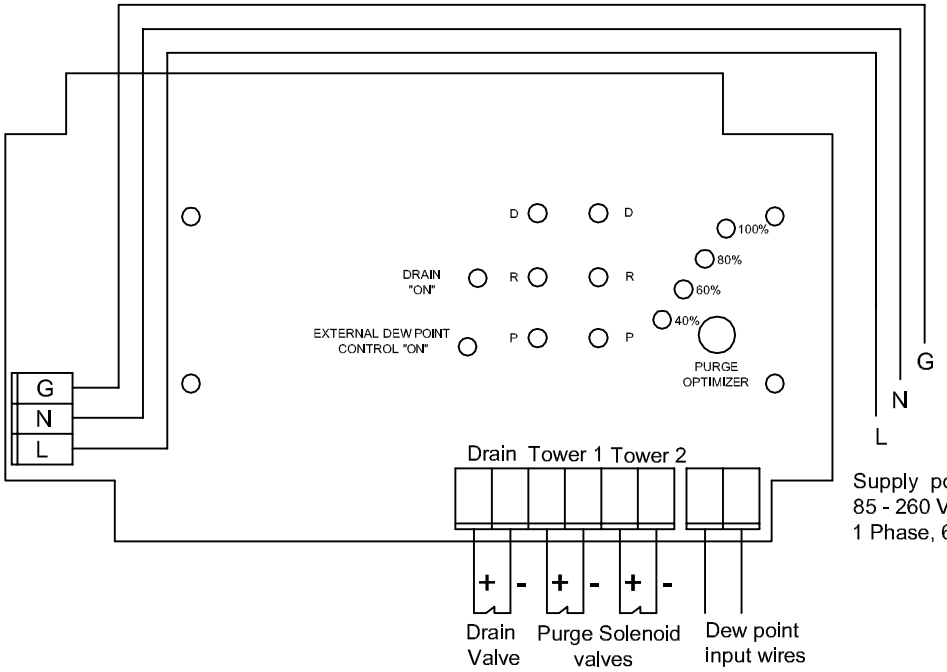
REV.No	Date	Detailes of Revision	ECN Ref.	Appd.By

CONTROLLER ELECTRICAL DIAGRAM

Note:

P - Power
T1 - Tower 1 Solenoid wire
T2 - Tower 2 Solenoid wire
D - Drain
S - Dew point switching input wire





Supply power
85 - 260 Volts
1 Phase, 60 Hz only

Econo Mode : Dew point 'good' contact closed
Run Mode : Contact open
Dryer will stop switching towers and purge air until contacts are open (Dew point poor)

Does this drawing contains critical Dimensions :	TITLE	CUSTOMER	
Critical to Quality Characteristics Marked thus :	CONTROLLER DS31-90 ELECTRICAL	PRODUCT	
UNLESS OTHERWISESPECIFIED USE THE FOLLOWING	UNLESS SPECIFIED ALL DIMS. ARE IN mm	DRG NO	
GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 3.2	SCALE / SHEET 1 OF 2	REV LEVEL	
DIMS. 0.5-6 / 6-30 / 30-120 / 120-400 / 400-1000 / 1000-2000 / 2000-4000	MATERIAL : QTY:	File :	
MEDI ±0.1 / ±0.2 / ±0.3 / ±0.5 / ±0.8 / ±1.2 / ± 2	APPROVED	MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.	
	CHECKED	TRIDENT PNEUMATICS PVT LTD	
	DRAWN		

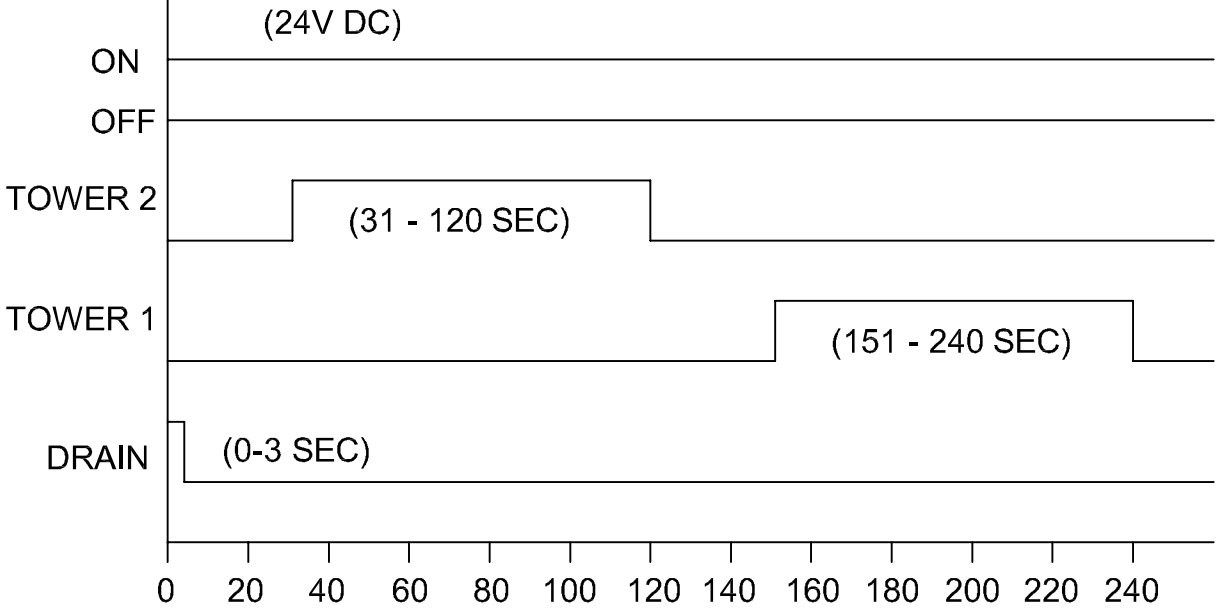
R1-06/13

Instructions		
Receiving Inspection Plan	TPPL\ENG\03	REV. 00 CLAUSE 03

REV.No	Date	Detailes of Revision	ECN Ref.	Appd.By

DS 31-90 CONTROLLER TIMINGS
INPUT: 85-260 VOLTS AC, 12 WATTS MAX

Drying time per tower is 2 minutes in time mode extended if dew point is good
Regeneration time 1.5 minutes is fixed, re-pressurization time 0.5 minutes in timer mode during re-pressurization states if the econo terminals are shorted (dew point is satisfied) then this re-pressuriztion state stretches until the contacts opens (dew point above set point)



TIMING IN SECONDS, 240 SECOND CYCLE

MANUAL PURGE ECONOMISER

PURGE TIMING

PURGE OPTIMISER	TOWER 1	TOWER 2
100%	31-120 (90 Sec)	151-240 (90 Sec)
80%	31-103 (72 Sec)	151-223 (72 Sec)
60%	31-85 (54 Sec)	151-205 (54 Sec)
40%	31-67 (36 Sec)	151-187 (36 Sec)

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Critical to Quality Characteristics Marked thus :
UNLESS OTHERWISESPECIFIED USE THE FOLLOWING
GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
MEDI	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	± 2

TITLE
CONTROLLER DS31-90
ELECTRICAL

UNLESS SPECIFIED ALL DIMS. ARE IN mm
SCALE | SHEET 2 OF 2
MATERIAL : | QTY:

APPROVED		
CHECKED		
DRAWN		

CUSTOMER	
PRODUCT	
DRG NO	
REV LEVEL	
File :	

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

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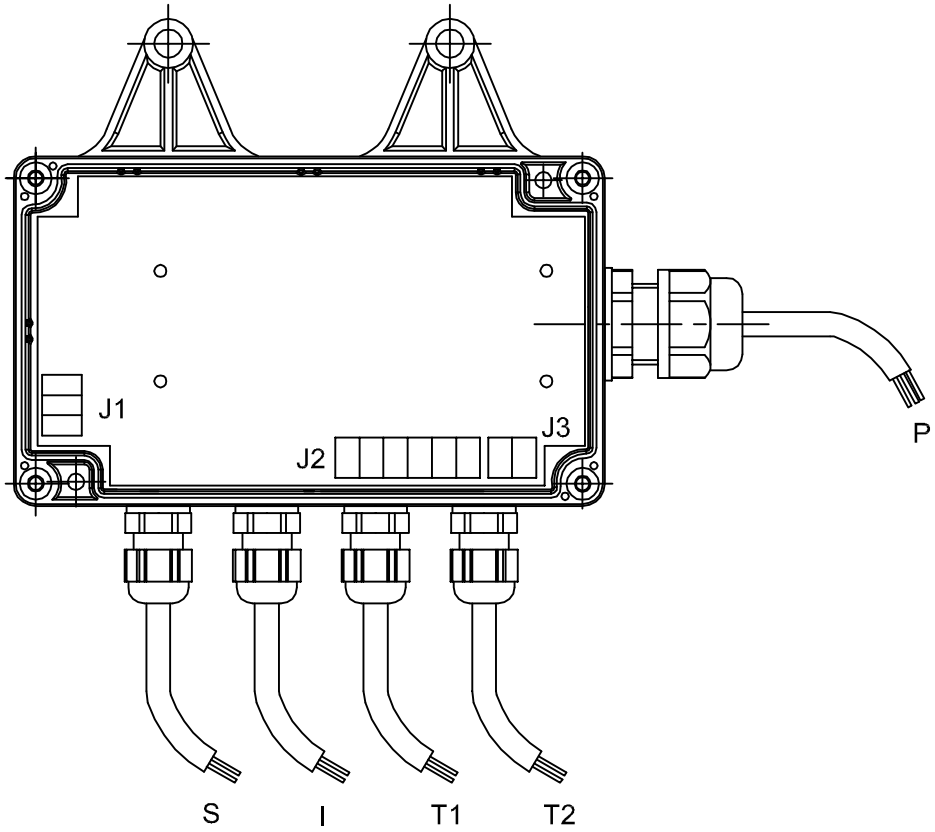

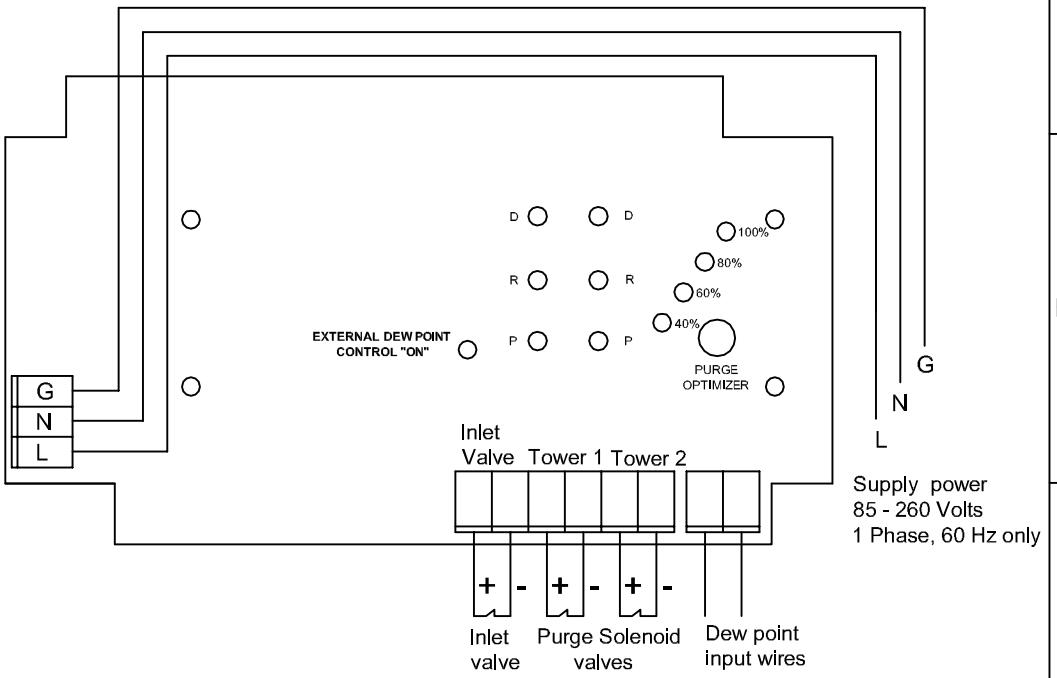

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CONTROLLER DS31-200
ELECTRICAL

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
	1 OF 2

MATERIAL : QTY:

APPROVED		
CHECKED		
DRAWN		

CUSTOMER	
PRODUCT	
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REV LEVEL	
File :	

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TRIDENT PNEUMATICS PVT LTD

R1-06/13

Instructions		
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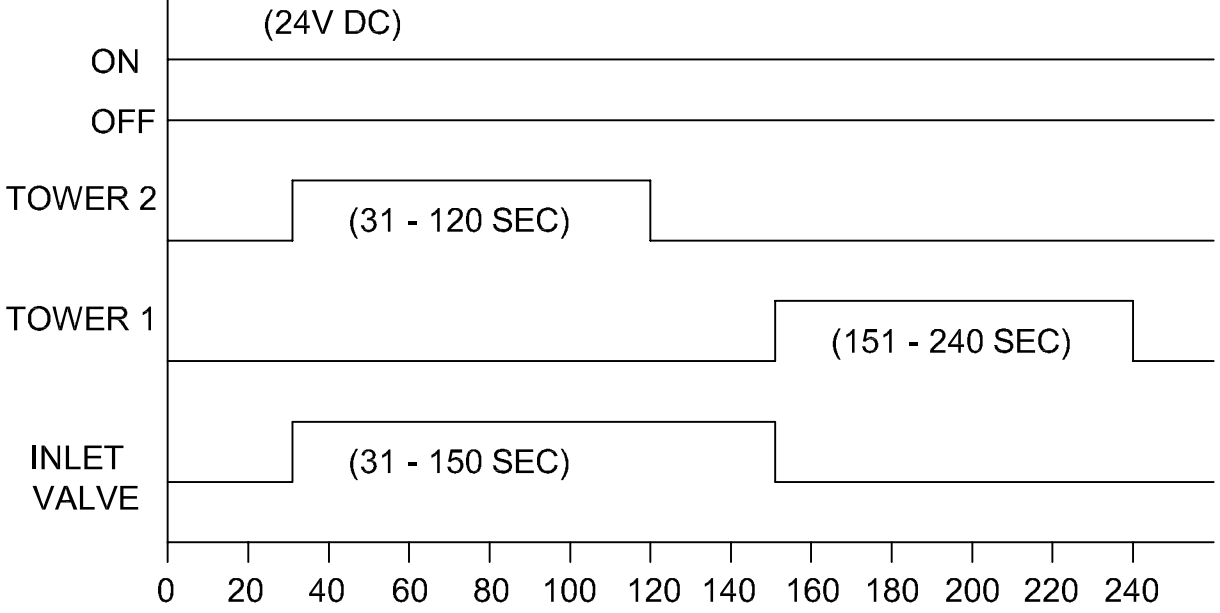

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CONTROLLER DS31-200 ELECTRICAL

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE | SHEET 2 OF 2

MATERIAL : | QTY:

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CHECKED
DRAWN

CUSTOMER	
PRODUCT	
DRG NO	
REV LEVEL	
File :	

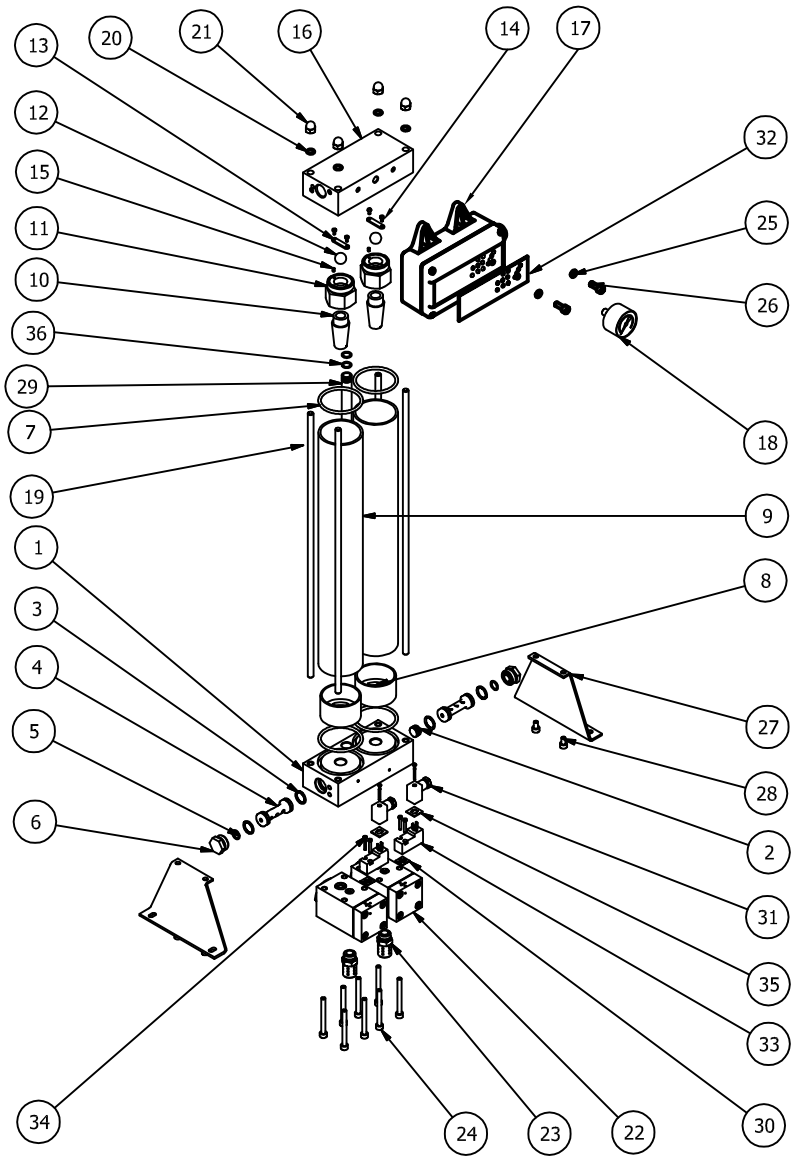
MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13

INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	19-10-07	Individual component shown	E-mail dt. 16-10-07	RS
1 - 2	07-05-10	Based on UMR part list part number corrected, fasteners steel part number changed to St. Steel part numbers and materials added	380	RS
2 - 3	21-03-12	SK216A Controller changed to SK231A Controller - UL (MODEL DS31-90)	520	RS
3 - 4	24-04-13	Actual Part number changed	604	RS



Parts List					Parts List				
ITEM	PART NUMBER	DESCRIPTION	QTY	MATERIAL	ITEM	PART NUMBER	DESCRIPTION	QTY	MATERIAL
1	CD002	BOTTOM BLOCK	1	ALUMINIUM IS 63400	21	CD657	DOOM NUT	4	ST. STEEL GR. 304
2	AD261A	SHUTTLE	1	TEFLON	22	AD573	EXHAUST VALVE ASSEMBLY	2	VARIOUS
3	CO078	CHAMBER BOTTOM NOZZLE O-RING (15.4 X 2.21)	4	NITRILE RUBBER	23	AD046	MUFFLER	2	VARIOUS
4	CD656	CHAMBER BOTTOM NOZZLE	2	ALUMINIUM IS 63400	24	CF200	SOCKET HEAD CAP SCREW - M6 x 60	8	ST. STEEL GR. 304
5	CO067	CHAMBER BASE PLUG O-RING (10 X 2,62)	2	NITRILE RUBBER	25	CF090	SPRING WASHER M6	2	ST. STEEL GR. 304
6	CD005	CHAMBER BASE PLUG	2	STEEL C20	26	CF201	SOCKET HEAD CAP SCREW - M6 x 16	2	ST. STEEL GR. 304
7	CO017	TOWER SEAL (O-RING 55.5 X 4)	4	NITRILE RUBBER	27	AD344	LEGS KIT - LEGS, SCREWS	2	STEEL C20
8	AD221	DIFFUSER SCREEN	2	VARIOUS	28	CF202	SOCKET HEAD CAP SCREW - M6 x 10	4	ST. STEEL GR. 304
9	AD614	TOWER PIPE	2	ALUMINIUM IS 63400	29	AD319	INLET AIR TRANSFER TUBE	1	STEEL C25
10	AC067	AFTER FILTER	2	SINTERED BRONZE	30	AS079A	SOLENOID VALVE GASKET PAD	2	VARIOUS
11	CD156	DIFFUSER CONNECTOR	2	ALUMINIUM IS 63400	31	CE323	DIN CONNECTOR	2	VARIOUS
12	AD259	RUBBER BALL	2	NITRILE RUBBER	32	CP276	DISPLAY STICKER	1	PVC
13	CD658	NRV PLATE	2	DELRIN	33	AS075	SOLENOID VALVE	2	VARIOUS
14	CF170	CHEESE HEAD SCREW M3 x 6	4	ST. STEEL GR. 304	34	CF193	CHEESE HEAD SCREW M3 X 20	4	ST. STEEL GR. 304
15	CD073	NOZZLE	2	BRASS	35	CE417A	DINCONNECTOR GASKET	3	VARIOUS
16	CD192	TOP BLOCK	1	ALUMINIUM IS 63400	36	CO077	INLET AIR TRANSFER TUBE O-RING (10.6 X 1.83)	4	NITRILE RUBBER
17	AD1348	CONTROLLER - UL (MODEL DS31-90)	1	VARIOUS	37	AD614	PRE-FILTER DRAIN VALVE (NOT SHOWN)	1	VARIOUS
18	AD1374	PRESSURE GAUGE (1/8" NPT)	1	VARIOUS	38	CD704	INLET ADAPTOR PLATE (NOT SHOWN)	1	ALUMINIUM IS 63400
19	AD286	TIE ROD ASSEMBLY - TIE RODS, WASHERS, NUTS	4	ST. STEEL GR. 304	39	CD703	OUTLET ADAPTOR PLATE (NOT SHOWN)	1	ALUMINIUM IS 63400
					40	CO098	ADAPTOR O-RING (21.5 X 1.78)(NOT SHOWN)	2	NITRILE RUBBER
20	CF189	SPRING WASHER M8	4	ST. STEEL GR. 304	41	CF065	SOCKET HEAD CAP SCREW M6 X 55(NOT SHOWN)	4	ST. STEEL GR. 304

SPARE KIT

ITEM	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
3	SK 212 A	ACTIVATED ALUMINA WITH SEAL KIT DPS-10	SK210A	SEALS AND O-RING SPARE KIT DPS-10	1
			AD221	DIFFUSER SCREEN	2
			CD067A	ACTIVATED ALUMINA	2 KGS
2	SK 220 A	EXHAUST VALVE SPARE KIT DPS-10	CO009	PLUG O-RING (31.6 X 2.4)	2
			CO074	SEALING O-RING-1 (6.02 X 2.62)	2
			CO067	SEALING O-RING-2 (10 X 2.62)	2
			CO067	PISTON O-RING-2 (10 X 2.62)	2
			CO002	PISON O-RING-1 (28.17 X 3.53)	2
			AD745	POPPET ASSY	2
			AD548	SPRING COMP.	2
			AG012	GASKET NON-METAL	2
1	SK210A	SEALS AND O-RING SPARE KIT DPS-10	AD259	RUBBER BALL	2
			CO077	INLET AIR TRANSFER TUBE O-RING (10.6 X 1.83)	4
			CO067	CHAMBER BASE PLUG O-RING (10.0 X 2.62)	2
			CO078	CHAMBER BOTTOM NOZZLE O-RING (15.4 X 2.21)	4
			CO017	TOWE SEAL (O-RING 55.5 X 4)	4
			AD261A	SHUTTLE	1

Does this drawing contains critical Interface Dimensions : NO

Critical to Quality Characteristics Marked thus : -

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5/6	6/30	30/120	120/400	400/1000
FINE	± 0.05	± 0.1	± 0.15	± 0.2	± 0.3

TITLE

DRYSPELL 10
EXPLODED VIEW

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 of 1

MATERIAL : QTY:

APPROVED	SIVA	19-10-07
CHECKED	SIVA	19-10-07
DRAWN	MRP	19-10-07

CUSTOMER	VOL
PRODUCT	DRYSPELL - 10
DRG NO	PD113
REV LEVEL	R4
File :	\Drawing\Dryspell

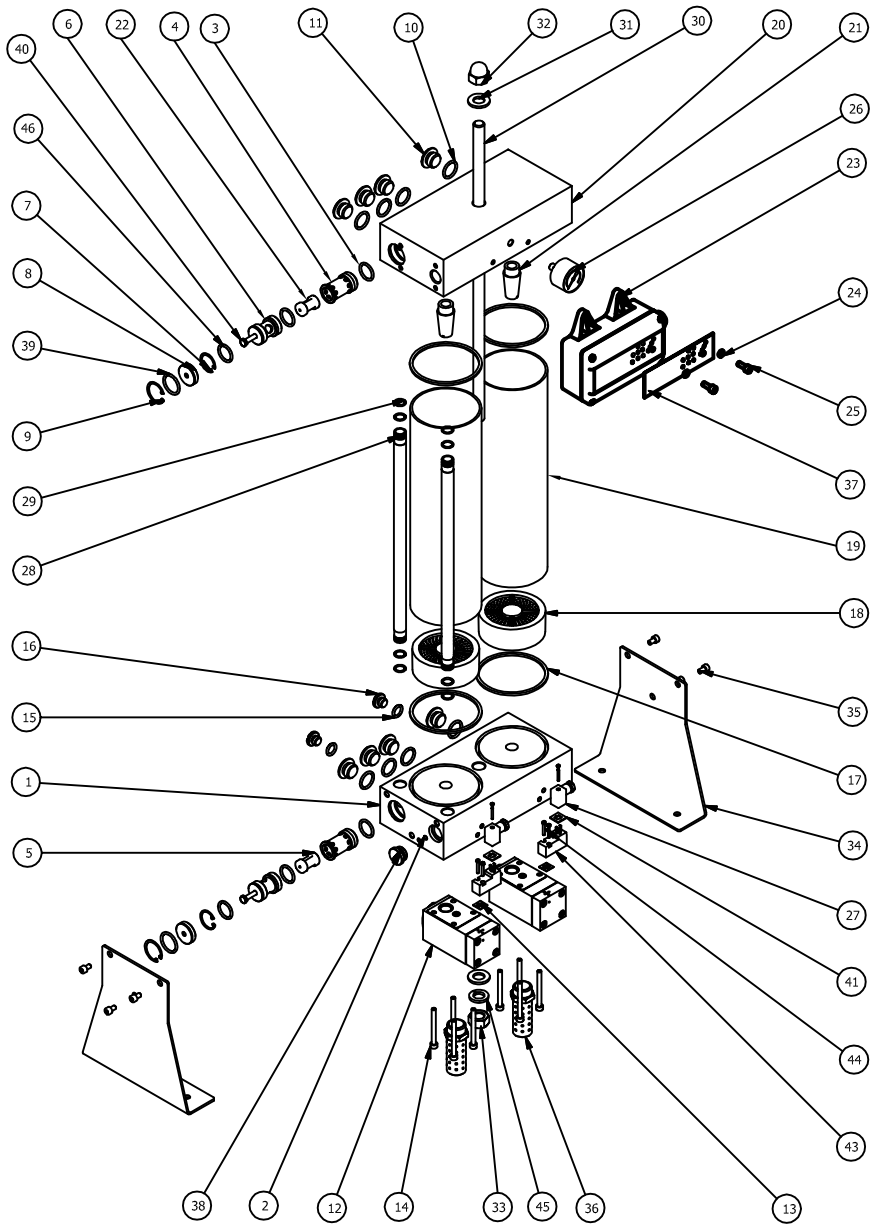
MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT
PNEUMATICS PVT LTD

R1-06/13

INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	19-10-07	Individual component shown	E-mail dt. 16-10-07	RS
1 - 2	07-05-10	Based on UMR part list part number corrected, fasteners steel part number changed to St. Steel part numbers and materials added	380	RS
2 - 3	21-03-12	SK216A Controller changed to SK231A Controller - UL (MODEL DS31-90)	520	RS
3 - 4	21-01-13	Top block, Bottom block, Tower gasket, Top Shuttle, Parts list and Spare kit modified	593	RS
4 - 5	29-04-13	Muffler AD046 changed to AD615	606	RS



Parts List					Parts List				
ITEM	PART NUMBER	DESCRIPTION	QTY	MATERIAL	ITEM	PART NUMBER	DESCRIPTION	QTY	MATERIAL
1	SK215A-4	BOTTOM BLOCK	1	ALUMINIUM IS 63400	26	AD1374	PRESSURE GAUGE (1/8" NPT)	1	VARIOUS
2	AD176	PLUG PIECE	8	ALUMINIUM IS 63400	27	CE323	DIN CONNECTOR	2	VARIOUS
3	SK211A-8	SHUTTLE GUIDE O-RING (21.92 x 3.0)	2	NITRILE RUBBER	28	AD320	INLET AIR TRANSFER TUBE - DRYSPELL 45 (OR)	2	STEEL C25
4	SK211A-7	SHUTTLE GUIDE	2	ALUMINIUM IS 63400		AD557	INLET AIR TRANSFER TUBE - DRYSPELL 30 (OR)		
5	SK211A-6	BOTTOM SHUTTLE	1	TEFLON		AD318	INLET AIR TRANSFER TUBE - DRYSPELL 20		
6	SK211A-5	GUIDE BUSH	2	ALUMINIUM IS 63400	29	CO064	O-RING (13 x 2.0)	8	NITRILE RUBBER
7	SK211A-3	GUIDE BUSH CIRCLIP	2	ST. STEEL GR. 304	30	AD284	TIE ROD - DRYSPELL 45 (OR)	1	ST. STEEL GR. 304
8	SK211A-2	END BUSH	2	ALUMINIUM IS 63400		CD112	TIE ROD - DRYSPELL 30 (OR)		
9	SK211A-1	END BUSH CIRCLIP	2	ST. STEEL GR. 304		AD283	TIE ROD - DRYSPELL 20		
10	SK211A-12	PLUG MACHINED O-RING - 1 (21.5 x 3.0)	8	NITRILE RUBBER	31	CD114	WASHER	2	ST. STEEL GR. 304
11	SK211A-11	PLUG MACHINED - 1	8	STEEL C20	32	CD113	DOOM NUT	1	ST. STEEL GR. 304
12	AD144	EXHAUST VALVE ASSEMBLY	2	VARIOUS	33	CD108	NUT MACHINED	1	ST. STEEL GR. 304
13	AS079A	SOLENOID VALVE GASKET PAD	2	VARIOUS	34	AD034	LEGS KIT- LEGS, SCREWS	2	STEEL C20
14	CF200	SOCKET HEAD CAP SCREW M6 x 60	8	ST. STEEL GR. 304	35	CF020	SOCKET HEAD CAP SCREW (M8 x 10)	6	ST. STEEL GR. 304
15	SK211A-9	PLUG MACHINED O-RING - 2 (13.5 x 3.0)	2	NITRILE RUBBER	36	AD615	MUFFLER	2	VARIOUS
16	SK211A-10	PLUG MACHINED -2	2	STEEL C20	37	CP361	DISPLAY STICKER - UL (MODEL DS31-90)	1	PVC
17	SK215A-2	TOWER GASKET	4	NITRILE RUBBER	38	AD241	PLUG MACHINED	1	STEEL C20
18	DP 005 S	DIFFUSER SCREEN	2	VARIOUS	39	SK211A-15	END BUSH O-RING (26.5 x 3.0)	2	NITRILE RUBBER
19	SK215A-1	TOWER PIPE - DRYSPELL 45 (OR)	2	ALUMINIUM IS 63400	40	SK211A-14	HEX SCREW (M6 x 35)	2	ST. STEEL GR. 304
	SK214A-1	TOWER PIPE - DRYSPELL 30 (OR)			41	CE417A	DINCONNECTOR GASKET	3	VARIOUS
	SK213A-1	TOWER PIPE - DRYSPELL 20			42	CO098	ADAPTOR O-RING (21.5 X 1.78) (NOT SHOWN)	2	NITRILE RUBBER
20	SK215A-3	TOP BLOCK	1	ALUMINIUM IS 63400	43	AS079	SOLENOID VALVE 24V DC	2	VARIOUS
21	DP 072 S-2	AFTER FILTER	2	SINTERED BRONZE	44	CF193	CHEESE HEAD SCREW M3 X 20	4	ST. STEEL GR. 304
22	SK257A	TOP SHUTTLE - DRYSPELL 45 (OR)	1	TEFLON	45	CF225	SPRING WASHER M16	1	ST. STEEL GR. 304
	SK256A	TOP SHUTTLE - DRYSPELL 30 (OR)			46	SK211A-4	GUIDE BUSH O-RING (21.92 x 3.0)	4	NITRILE RUBBER
	SK255A	TOP SHUTTLE - DRYSPELL 20			47	PFDV-DS-10-90	PRE-FILTER DRAIN VALVE (NOT SHOWN)	1	VARIOUS
23	SK231A	CONTROLLER - UL (MODEL DS31-90)	1	VARIOUS	48	UMR32-S01	INLET ADAPTOR PLATE (NOT SHOWN)	1	ALUMINIUM IS 63400
24	CF090	SPRING WASHER M6	2	ST. STEEL GR. 304	49	UMR32-S02	OUTLET ADAPTOR PLATE (NOT SHOWN)	1	ALUMINIUM IS 63400
25	CF201	SOCKET HEAD CAP SCREW M6 X 16	2	ST. STEEL GR. 304	50	CF065	SOCKET HEAD CAP SCREW M6 X 55 (NOT SHOWN)	4	ST. STEEL GR. 304

SPARE KIT

ITEM	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
3	SK215A	ACTIVATED ALUMINA WITH SEAL KIT - DRYSPELL 45	SK254A	SEALS AND O-RING SPARE KIT - DRYSPELL 45 (OR)	1
	SK214A	ACTIVATED ALUMINA WITH SEAL KIT - DRYSPELL 30	SK253A	SEALS AND O-RING SPARE KIT - DRYSPELL 30 (OR)	
	SK213A	ACTIVATED ALUMINA WITH SEAL KIT - DRYSPELL 20	SK252A	SEALS AND O-RING SPARE KIT - DRYSPELL 20	
			DP 005 S	DIFFUSER SCREEN	2
			CD087A	ACTIVATED ALUMINA - DRYSPELL 45 (OR)	10 kgs
				ACTIVATED ALUMINA - DRYSPELL 30 (OR)	8 kgs
				ACTIVATED ALUMINA - DRYSPELL 20	6 kgs
2	SK 222 A	EXHAUST VALVE SPARE KIT DPS-20, 30 & 45	CO002	PISTON O-RING - 2 (28.17 X 3.53)	2
			CO067	PISTON O-RING - 1 (19 X 2.62)	2
			CO009	PLUG O-RING (31.6 X 2.4)	2
			AD745	POPPET ASSY	2
			AD548	SPRING COMP.	2
			CD116	GASKET RUBBER	2
			AG012	GASKET	2
1	SK254A	SEALS AND O-RING SPARE KIT - DRYSPELL 45	SK211A-9	PLUG MACHINED O-RING - 2 (13.5 x 3.0)	2
	SK253A	SEALS AND O-RING SPARE KIT - DRYSPELL 30	SK211A-12	PLUG MACHINED O-RING - 1 (21.5 x 3.0)	8
	SK252A	SEALS AND O-RING SPARE KIT - DRYSPELL 20	SK211A-8	SHUTTLE GUIDE O-RING (21.92 X 3.0)	2
			SK211A-15	END BUSH O-RING (26.5 x 3.0)	2
			SK211A-4	GUIDE BUSH O-RING (21.92 x 3.0)	4
			SK211A-1	END BUSH CIRCLIP	2
			SK211A-3	GUIDE BUSH CIRCLIP	2
			SK215A-2	TOWER GASKET	4
			SK211A-6	BOTTOM SHUTTLE	1
			SK257A	TOP SHUTTLE - DRYSPELL 45 (OR)	1
			SK256A	TOP SHUTTLE - DRYSPELL 30 (OR)	
			SK255A	TOP SHUTTLE - DRYSPELL 20	

Does this drawing contains critical Interface Dimensions : NO

Critical to Quality Characteristics Marked thus : -

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5/6	6/30	30/120	120/400	400/1000
FINE	± 0.05	± 0.1	± 0.15	± 0.2	± 0.3

TITLE

DRYSPELL 20,30,45
EXPLODED VIEW

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 of 1

MATERIAL : QTY:

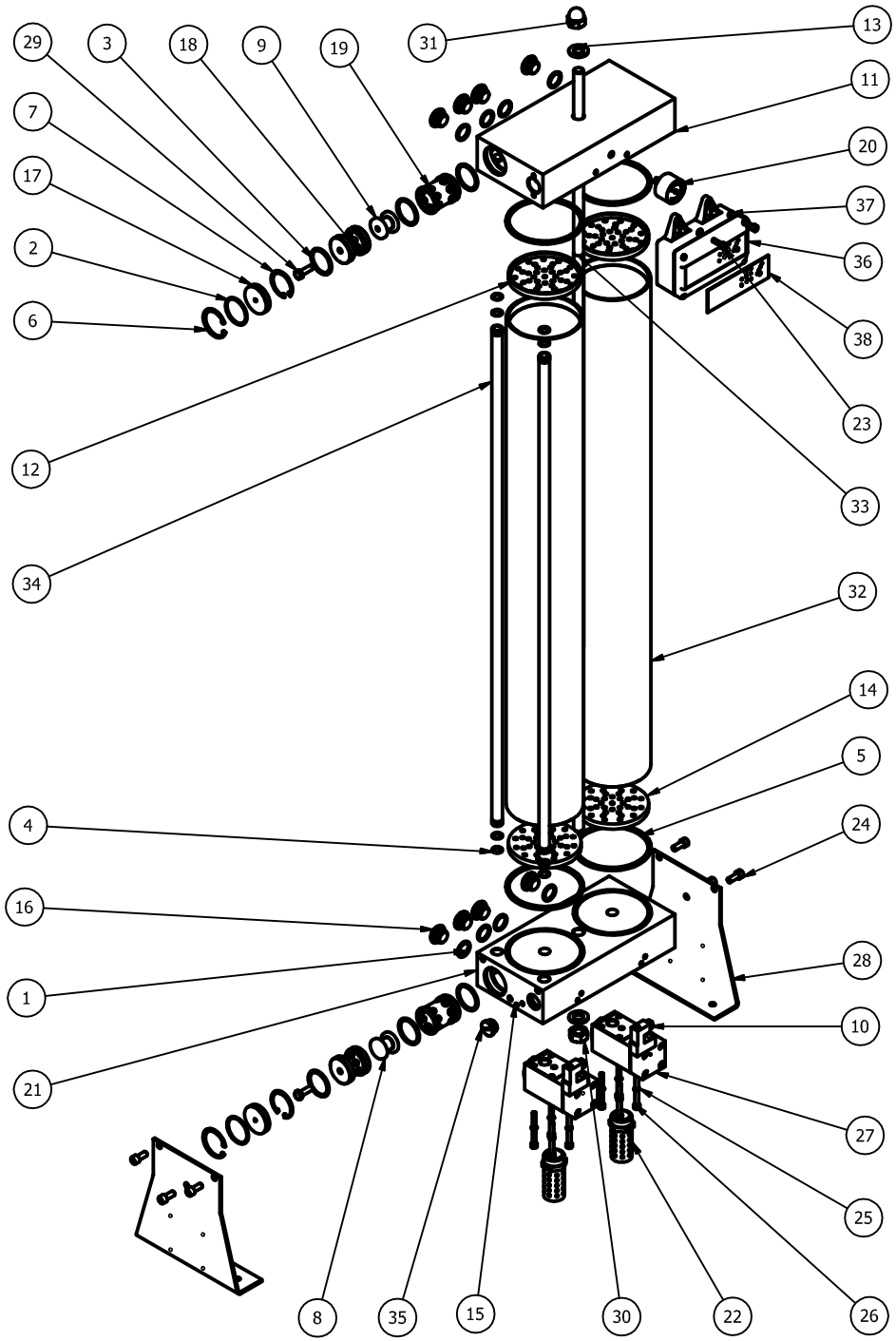
APPROVED	SIVA	26-10-07
CHECKED	SIVA	26-10-07
DRAWN	MRP	26-10-07

CUSTOMER	
PRODUCT	DRYSPELL
DRG NO	-
REV LEVEL	R5
File :	\Drawing\Dryspell

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT
PNEUMATICS PVT LTD

R1-06/13



INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	24-04-13	SK231A Part number changed to Ad1348, CD067 changed to CD067A and qty added	604	RS

ITEM	PART NUMBER	PART NUMBER	QTY	ITEM	PART NUMBER	PART NUMBER	QTY
1	CO062	O-RIng (21.5 x 3.0)	8	20	AD1374	Pressure gauge	1
2	CO076	O-Ring (42.52 x 2.62)	2	21	AD876	Bottom Chamber	1
3	CO054	O-Ring (38.5 x 3.53)	6	22	AD658	Muffler Assy.	2
4	CO064	O-RIng (13 x 2.0)	8	23	CF201	Soc. Hd. Cap Screw M6 x 16	2
5	CD435	Seal Rubber	4	24	CF020	Soc. Hd. Cap Screw M8 x 10	6
6	CC336	Circlip B48	2	25	CF090	Spring Washer M6	8
7	CC301	Circlip B45	2	26	CF075	Soc. Hd. Cap Screw M6 x 60	8
8	AD628	Bottom Shuttle	1	27	AD886	Exhaust valve assy	2
9	AD1373	Top Shuttle	1	28	AD746	Mounting Bracket	2
10	AS079	Solenoid Valve	2	29	CF044	Hex. Screw M8 x 25	2
11	AD1355	Top Chamber	1	30	CD108	Nut machined	2
12	AD881	Top compacter plate	2	31	CD113	Doom nut	1
13	CD114	Washer	2	32	AD769	Tower pipe	2
14	AD790	Bottom Diffuser	2	33	AD771	Tie Rod	2
15	AD176	Dummy	8	34	AD773	Inlet tube	2
16	AD243	Plug machined	8	35	AD241	Plug machined	1
17	AD877	End plug	2	36	AD1348	Controller - UL (MODEL DS31-90)	1 ⚠
18	AD880	Shuttle Closer	2	37	CF090	Spring Washer M6	2
19	AD625	Shuttle Guide	2	38	CP361	Display sticker UL DS31-90	1

SPARE KIT

ITEM	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
3	SK237A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 60A	SK236A	Seals and O-RIng spare kit DPS 60A	1
			AD881	Top compactor plate	2
			AD790	Bottom Diffuser	2
			CD067A	Activated Alumina	14 Kgs ⚠
2	SK 222 A	EXHAUST VALVE SPARE KIT DPS-20, 30 & 45 & 60A	CO002	Piston O-Ring -2 (28.17 X 3.53)	2
			CO067	Piston O-Ring -1 (10 X 2.62)	2
			CO009	Plug O-Ring (31.6 X 2.4)	2
			AD745	Poppet Assy	2
			AD548	Spring comp.	2
			CD116	Gasket Rubber	2
			AG012	Gasket	2
1	SK236A	SEALS AND O-RING SPARE KIT DPS 60A	CO062	O-RIng (21.5 x 3.0)	8
			CO076	O-Ring (42.52 x 2.62)	2
			CO054	O-Ring (38.5 x 3.53)	6
			CO064	O-RIng (13 x 2.0)	8
			CD435	Seal Rubber	4
			CC336	Circlip B48	2
			CC301	Circlip B45	2
			AD628	Bottom Shuttle	1
			AD1373	Top Shuttle	1

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5/6	6/30	30/120	120/400	400/1000
FINE	±0.05	±0.1	±0.15	±0.2	±0.3

TITLE

ASSY. DRYSPELL 60A

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 OF 1

MATERIAL : VARIOUS — QTY: -

APPROVED	R.SIVA	13.04.07
CHECKED	R.SIVA	13.04.07
DRAWN	MRP	13.04.07

CUSTOMER	VOL
PRODUCT	Dryspell series
DRG NO	PD181
REV LEVEL	R1
File :	\drawings\dryspell

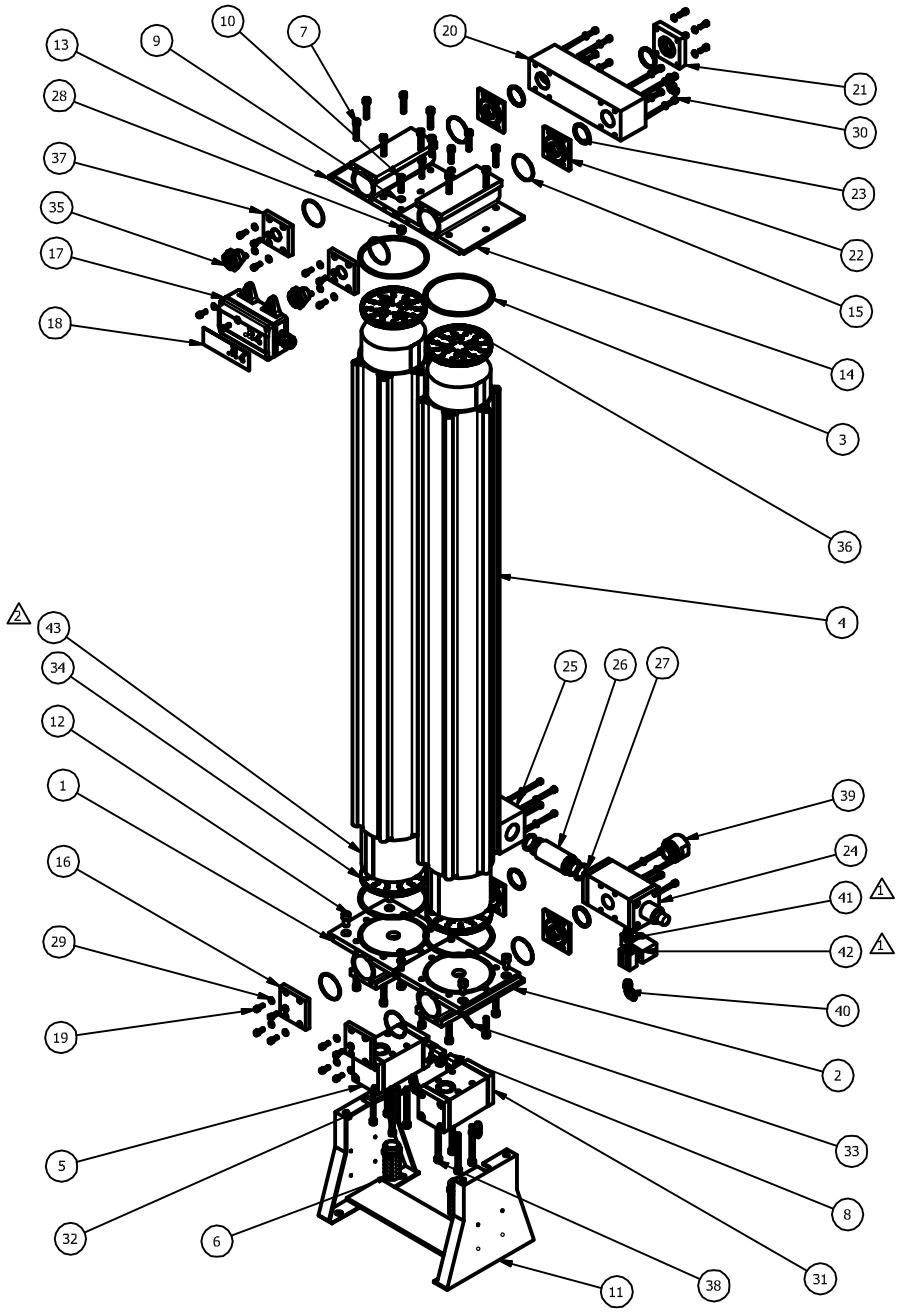
MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13

INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	18-06-12	Inlet valve operating Solenoid valve AS079 changed to AD614, CC021 connector added	530	RS
1 - 2	27-08-12	Desiccant bag introduced	552	RS
2 - 3	25-02-13	Spring Compactor removed and drawing updated	597	RS



Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AD1070	BOTTOM CHAMBER LEFT	23	5	CO054	O-RING 38.5 X 3.53
2	1	AD1071	BOTTOM CHAMBER RIGHT	24	1	AD1066	INLET VALVE ASSY 1"
3	4	CD192	DRYING TOWER GASKET	25	1	AD1085	CONNECTOR
4	2	AD640	DRYING TOWER	26	1	AD1086	CONNECTING BUSH
5	1	AD1080	EXHAUST VALVE ASSY LEFT	27	2	CO002	O-RING 28.17 X 3.53
6	2	AD658	MUFFLER ASSY. 1"	28	4	CF250	HEX NUT M8
7	24	CF141	SOC. HD. CAP SCREW M8 X 40	29	38	CF090	SPRING WASHER M6
8	2	AS079	SOLENOID VALVE ASSY	30	16	CF258	SOC. HD. CAP SCREW M6 X 90
9	4	CF189	SPRING WASHER M8	31	1	AD1081	EXHAUST VALVE ASSY RIGHT
10	4	CF103	SOC. HD. CAP SCREW M8 x 30	32	5	AC115	ONE TOUCH ELBOW 1/8" MALE
11	1	AD1082	ASSY MOUNTING BRACKET DPS 100	33	1	AD224	ONE TOUCH TUBE
12	4	CF248	SOC. HD. CAP SCREW M10 X 20	34	2	AD641	BOTTOM DIFFUSER
13	1	AD1072	TOP CHAMBER LEFT	35	2	AD925	HUMIDITY INDICATOR
14	1	AD1073	TOP CHAMBER RIGHT	36	2	AD642	TOP COMPACTOR PLATE
15	8	CO187	O-RING (56 X 2.0)	37	2	AD1076	END COVER TOP
16	2	AD1075	END COVER BOTTOM	38	8	CF247	SOC. HD. CAP SCREW M8 X 90
17	1	AD1349	CONTROLLER - UL (MODEL DS31-200)	39	1	AD1087	INLET CONNECTOR
18	1	CP362	DISPLAY STICKER UL DS31-200	40	1	AC011	ONE TOUCH ELBOW 1/4" MALE
19	22	CF201	SOC. HD. CAP SCREW M6 x 16	41	1	CC021	CONNECTOR 1/4" TO 1/4
20	1	AD1069	SHUTTLE VALVE ASSY.	42	1	AD614	24V SOLENOID VALVE
21	1	AD1083	OUTLET COVER	43	8	AD1398	ACTIVATED ALUMINA BAG
22	4	AD1084	CONNECTOR PLATE				

SPARE KIT

SL NO.	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
5	SK242A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 100	SK238A	SEALS AND O-RING SPARE KIT DPS-100 & 125	1
			AD642	TOP COMPACTOR PLATE	2
			AD641	BOTTOM DIFFUSER	2
			AD1398	ACTIVATED ALUMINA BAG	8
4	SK241A	SHUTTLE VALVE ASSY SAPRE KIT 1"	CO054	O-RING (38.5 X 3.53)	3
			CC301	CIRCLIP B-45	1
			AD870	TOP SHUTTLE	1
3	SK240A	INLET VALVE ASSY SPARE KIT 1"	AD1059	Poppet Moulded	1
			CO127	O-RING (48 X 3.0)	1
			AD1063	Spring Comp.	1
			CO041	O-RING (47.2 X 5.33)	1
			CO118	O-RING (7.6 X 2.4)	2
			CO119	O-RING (12.3 X 2.4)	1
			CO120	U-Ring	1
			CO121	O-Ring (37.9 x 3.53)	1
2	SK239A	EXHAUST VALVE SPARE KIT DPS-100 - 375	CD193A	GASKET NON-METAL	4
			CC302	SEAL RING	2
			AD637	SPRING COMP	2
			CO042	O-RING (18.72 X 3.53)	2
			CO041	O-RING (47.2 X 5.33)	2
			CO118	O-RING (7.6 x 2.4)	2
			CO009	O-RING (31.6 X 2.4)	2
1	SK238A	SEALS AND O-RING SPARE KIT DPS-100 & 125	CD192	DRYING TOWER GASKET	4
			CO187	O-RING (56 X 2.0)	8
			CO054	O-RING (38.5 X 3.53)	5
			CO002	O-RING (28.17 X 3.53)	2

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
MEDI	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

TITLE

DRYSPELL 100

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 OF 1

MATERIAL : QTY:

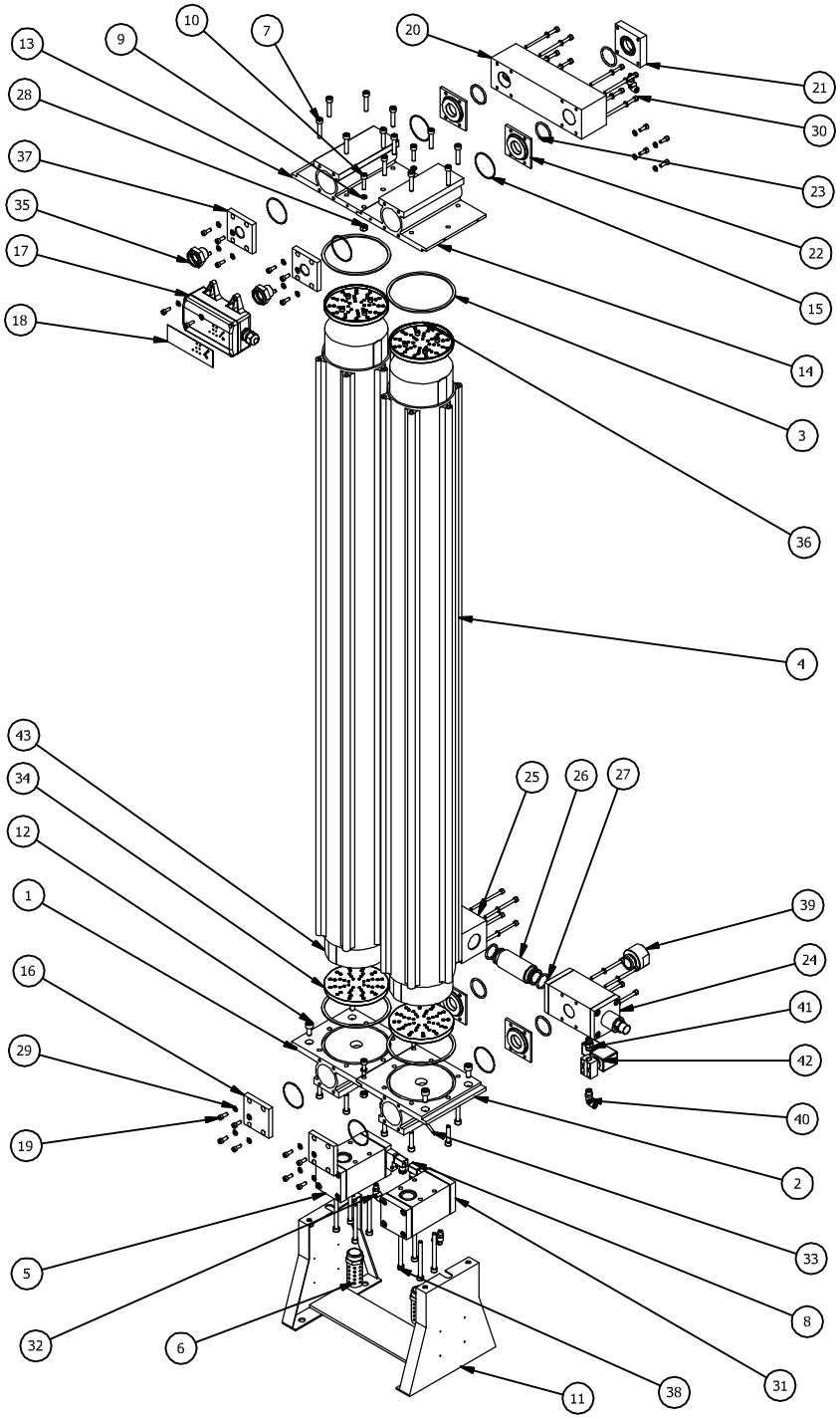
APPROVED	KSN	20-05-09
CHECKED	R.SIVA	20-05-09
DRAWN	MRP	20-05-09

CUSTOMER	
PRODUCT	Dryspell - Big
DRG NO	PD171
REV LEVEL	R3
File :	\\drawings\dryspell\big dryspell

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13



INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AD1070	BOTTOM CHAMBER LEFT	23	5	CO054	O-RING 38.5 X 3.53
2	1	AD1071	BOTTOM CHAMBER RIGHT	24	1	AD1066	INLET VALVE ASSY 1"
3	4	CD192	DRYING TOWER GASKET	25	1	AD1085	CONNECTOR
4	2	AD1401	DRYING TOWER DPS 125	26	1	AD1086	CONNECTING BUSH
5	1	AD1080	EXHAUST VALVE ASSY LEFT	27	2	CO002	O-RING 28.17 X 3.53
6	2	AD658	MUFFLER ASSY. 1"	28	4	CF250	HEX NUT M8
7	24	CF141	SOC. HD. CAP SCREW M8 X 40	29	38	CF090	SPRING WASHER M6
8	2	AS079	SOLENOID VALVE ASSY	30	16	CF258	SOC. HD. CAP SCREW M6 X 90
9	4	CF189	SPRING WASHER M8	31	1	AD1081	EXHAUST VALVE ASSY RIGHT
10	4	CF103	SOC. HD. CAP SCREW M8 x 30	32	5	AC115	ONE TOUCH ELBOW 1/8" MALE
11	1	AD1082	ASSY MOUNTING BRACKET DPS 100	33	1	AD224	ONE TOUCH TUBE
12	4	CF248	SOC. HD. CAP SCREW M10 X 20	34	2	AD641	BOTTOM DIFFUSER
13	1	AD1072	TOP CHAMBER LEFT	35	2	AD925	HUMIDITY INDICATOR
14	1	AD1073	TOP CHAMBER RIGHT	36	2	AD642	TOP COMPACTOR PLATE
15	8	CO187	O-RING (56 X 2.0)	37	2	AD1076	END COVER TOP
16	2	AD1075	END COVER BOTTOM	38	8	CF247	SOC. HD. CAP SCREW M8 X 90
17	1	AD1349	CONTROLLER - UL (MODEL DS31-200)	39	1	AD1087	INLET CONNECTOR
18	1	CP362	DISPLAY STICKER UL DS31-200	40	1	AC011	ONE TOUCH ELBOW 1/4" MALE
19	22	CF201	SOC. HD. CAP SCREW M6 x 16	41	1	CC021	CONNECTOR 1/4" TO 1/4
20	1	AD1419	SHUTTLE VALVE ASSY.	42	1	AD614	24V SOLENOID VALVE
21	1	AD1083	OUTLET COVER	43	10	AD1398	ACTIVATED ALUMINA BAG
22	4	AD1084	CONNECTOR PLATE				

SPARE KIT

SL NO.	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
5	SK263A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 125	SK238A	SEALS AND O-RING SPARE KIT DPS-100 & 125	1
			AD642	TOP COMPACTOR PLATE	2
			AD641	BOTTOM DIFFUSER	2
			AD1398	ACTIVATED ALUMINA BAG	10
4	SK260A	SHUTTLE VALVE ASSY SAPRE KIT 1"	CO054	O-RING (38.5 X 3.53)	3
			CC301	CIRCLIP B-45	1
			AD1418	TOP SHUTTLE	1
3	SK240A	INLET VALVE ASSY SPARE KIT 1"	AD1059	Poppet Moulded	1
			CO127	O-RING (48 X 3.0)	1
			AD1063	Spring Comp.	1
			CO041	O-RING (47.2 X 5.33)	1
			CO118	O-RING (7.6 X 2.4)	2
			CO119	O-RING (12.3 X 2.4)	1
			CO120	U-Ring	1
			CO121	O-Ring (37.9 x 3.53)	1
2	SK239A	EXHAUST VALVE SPARE KIT DPS-100 - 375	CD193A	GASKET NON-METAL	4
			CC302	SEAL RING	2
			AD637	SPRING COMP	2
			CO042	O-RING (18.72 X 3.53)	2
			CO041	O-RING (47.2 X 5.33)	2
			CO118	O-RING (7.6 x 2.4)	2
			CO009	O-RING (31.6 X 2.4)	2
1	SK238A	SEALS AND O-RING SPARE KIT DPS-100 & 125	CD192	DRYING TOWER GASKET	4
			CO187	O-RING (56 X 2.0)	8
			CO054	O-RING (38.5 X 3.53)	5
			CO002	O-RING (28.17 X 3.53)	2

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
MEDI	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

TITLE

DRYSPELL 125

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE: NTS | SHEET: 1 OF 1

MATERIAL : | QTY:

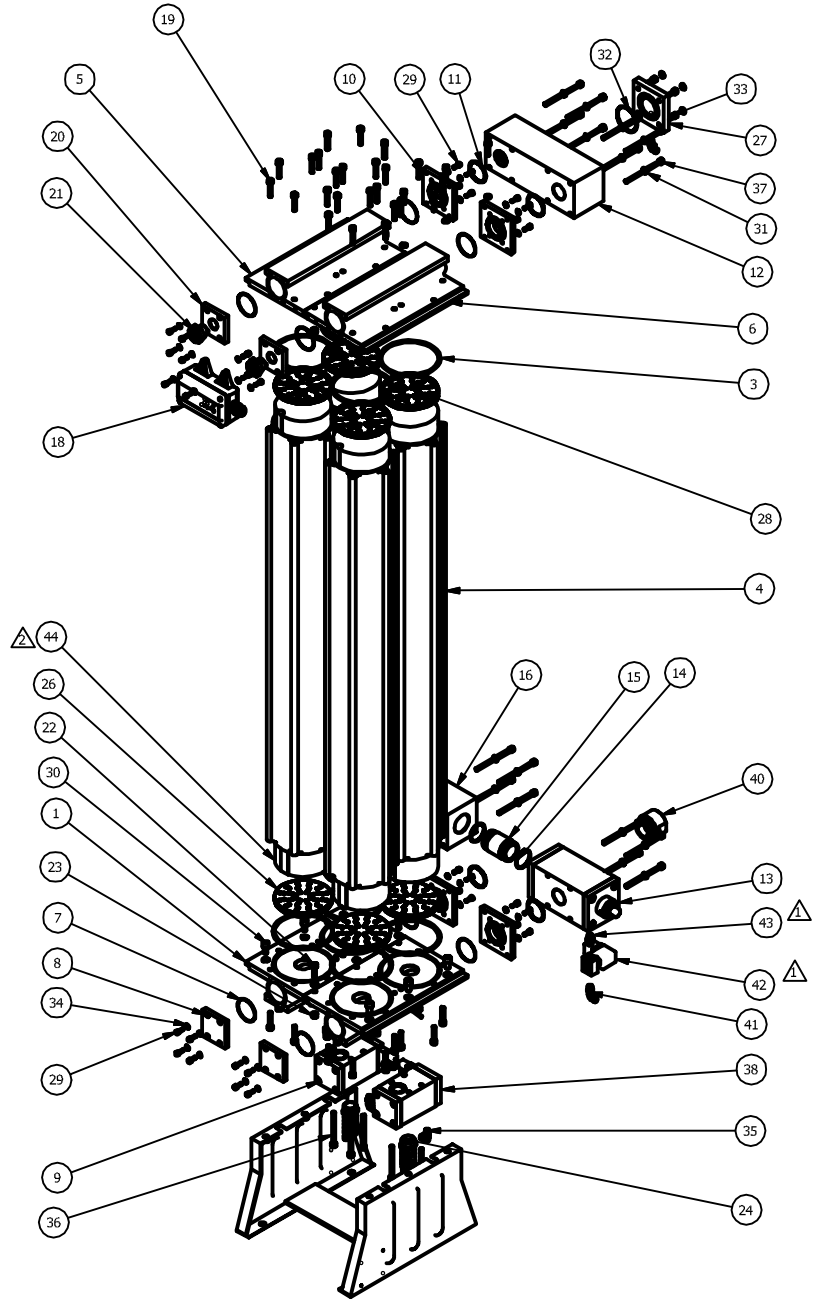
APPROVED	KSN	14-09-12
CHECKED	RS	14-09-12
DRAWN	MRP	14-09-12

CUSTOMER	
PRODUCT	Dryspell - Big
DRG NO	PD194
REV LEVEL	R0
File :	\\drawings\dryspell\big dryspell

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13



INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	18-06-12	Inlet valve operating Solenoid valve AS079 changed to AD614, CC021 connector added	530	RS
1 - 2	27-08-12	Desiccant bag introduced	552	RS
2 - 3	25-02-12	Spring Compactor removed and drawing updated	597	RS
3 - 4	24-04-13	CO041 O-Ring 47.2 x 5.33 changed to CO022 O-ring (69.4 x 5.33) and O-Ring 66.03 x 3.53 changed to 66.03 x 5.34	604	RS

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AD1101	BOTTOM CHAMBER LEFT
2	1	AD1102	BOTTOM CHAMBER RIGHT
3	8	CD192	DRYING TOWER GASKET
4	4	AD640	DRYING TOWER
5	1	AD1103	TOP CHAMBER LEFT
6	1	AD1104	TOP CHAMBER RIGHT
7	8	CO187	O-RING (56 X 2.0)
8	2	AD1075	END COVER BOTTOM
9	1	AD1080	EXHAUST VALVE ASSY LEFT
10	4	AD1107	CONNECTOR PLATE
11	4	CO126	O-RIng 49 X 3.53
12	1	AD1100	SHUTTLE VALVE ASSY
13	1	AD1060	INLET VALVE ASSY 1 1/2"
14	2	CO124	O-RING 42.5 X 3.0
15	1	AD1109	CONNECTING BUSH
16	1	AD1108	CONNECTOR
17	1	AD1105	ASSY MOUNTING BRACKET DPS 150 - 200
18	1	AD1349	CONTROLLER BOX ASSY UL - DS31-200
19	48	CF141	SOC. HD. CAP SCREW M8 X 40
20	2	AD1076	END COVER TOP
21	2	AD925	HUMIDITY INDICATOR
22	6	CF103	SOC. HD. CAP SCREW M8 x 30

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
23	6	CF250	HEX NUT M8
24	2	AD658	MUFFLER ASSY. 1"
25	4	CD670	BOTTOM DIFFUSER
26	1	AD1106	OUTLET CONNECTOR
27	4	AD642	TOP COMPACTOR PLATE
28	34	CF201	SOC. HD. CAP SCREW M6 x 16
29	6	CF248	SOC. HD. CAP SCREW M10 X 20
30	26	CF189	SPRING WASHER M8
31	1	CO125	O-RIng 62 x 3.0
32	4	CF106	SOC. HD. CAP SCREW M8 X 20
33	34	CF090	SPRING WASHER M6
34	5	AC126	ONE TOUCH ELBOW 1/8" MALE
35	8	CF247	SOC. HD. CAP SCREW M8 X 90
36	16	CF259	SOC. HD. CAP SCREW M8 X 115
37	1	AD1081	EXHAUST VALVE ASSY RIGHT
38	1	AD224	ONE TOUCH TUBE
39	1	AD1110	INLET CONNECTOR
40	1	AC011	ONE TOUCH ELBOW 1/4" MALE
41	1	CC021	CONNECTOR 1/4" TO 1/4"
42	1	AD614	SOLENOID VALVE 24V
43	16	AD1398	ACTIVATED ALUMINA BAG

SPARE KIT

SL NO.	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
5	SK248A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 200	SK243A	SEALS AND O-RING SPARE KIT DPS 200 & 250	1
			AD642	TOP COMPACTOR PLATE	4
			AD641	BOTTOM DIFFUSER	4
			AD1398	ACTIAVTED ALUMINA BAG	16
4	SK246A	SHUTTLE VALVE ASSY SAPRE KIT - DPS 200	CO123	O-RING (66.03 X 5.34)	3
			CC366	CIRCLIP B-75	1
			AD1099	TOP SHUTTLE	1
3	SK244A	INLET VALVE ASSY SPARE KIT 1 1/2"	AD1090	Poppet Moulded	1
			CO128	O-RING (65 X 3.0)	1
			AD1095	Spring Comp.	1
			CO122	O-RING (69.4 X 5.33)	1
			CO118	O-RING (7.6 X 2.4)	2
			CO119	O-RING (12.3 X 2.4)	1
			CO120	U-Ring	1
			CO121	O-Ring (37.9 x 3.53)	1
2	SK239A	EXHAUST VALVE SPARE KIT DPS-100 - 375	CD193A	GASKET NON-METAL	4
			CC302	SEAL RING	2
			AD637	SPRING COMP	2
			CO042	O-RING (18.72 X 3.53)	2
			CO041	O-RING (47.2 X 5.33)	2
			CO118	O-RING (7.6 X 2.4)	2
			CO009	O-RING (31.6 X 2.4)	2
1	SK243A	SEALS AND O-RING SPARE KIT DPS 200 & 250	CD192	DRYING TOWER GASKET	8
			CO125	O-RING (62 X 3.0)	1
			CO187	O-RING (56 X 2.0)	8
			CO054	O-RING (49 X 3.53)	4
			CO124	O-RING (42.5 X 3.0)	2

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
DIMS.							
MEDI	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

TITLE

DRYSPELL 200

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE: NTS | SHEET: 1 OF 1

MATERIAL : | QTY:

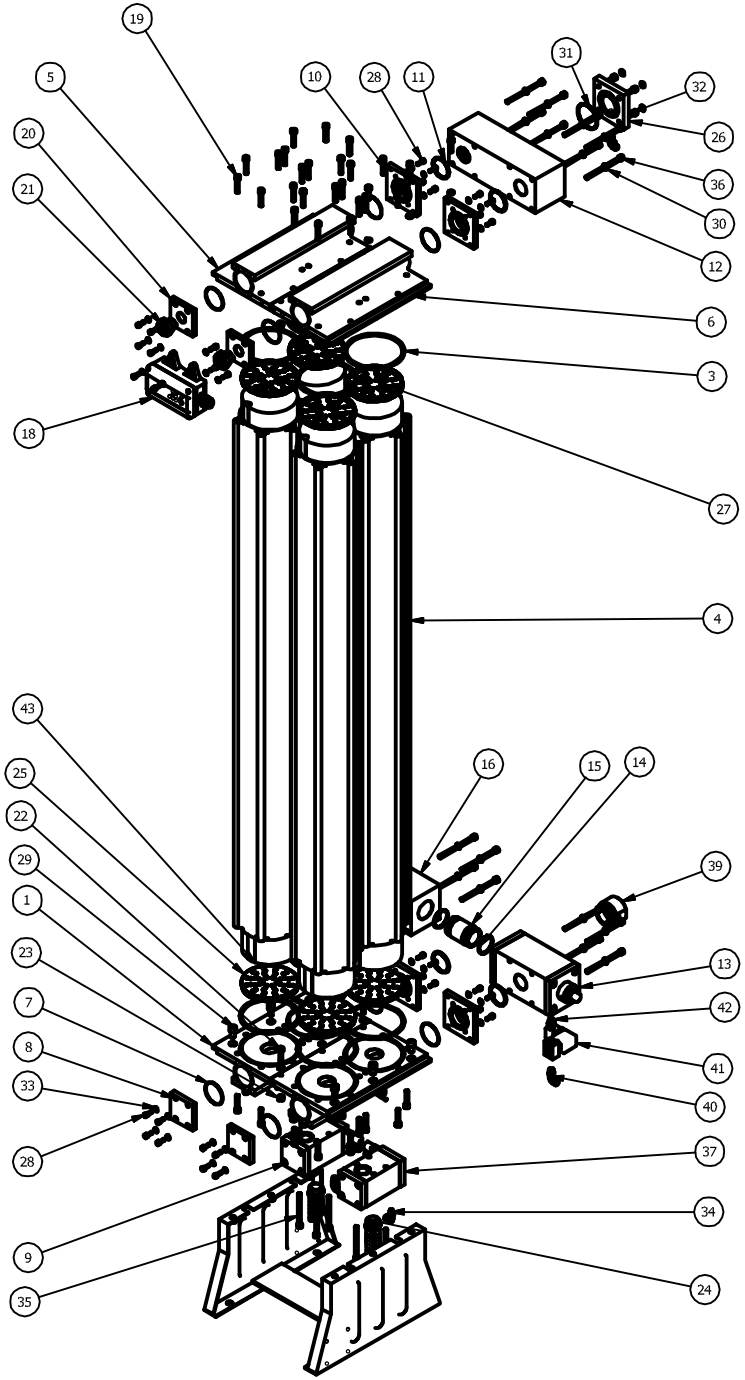
APPROVED	KSN	20-05-09
CHECKED	R.SIVA	20-05-09
DRAWN	MRP	20-05-09

CUSTOMER	VOL
PRODUCT	Dryspell - Big
DRG NO	PD130
REV LEVEL	R3
File :	\\drawings\dryspell\big dryspell

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13



INSTRUCTIONS			REV.No	Date	Details of Revision	ECN Ref.	Appd. By
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03	0 - 1	25-02-13	Spring Compactor removed and drawing upated	597	RS
			1 - 2	24-04-13	CO041 O-Ring 47.2 x 5.33 changed to CO022 O-ring (69.4 x 5.33) and O-Ring 66.03 x 3.53 changed to 66.03 x 5.34	604	RS

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AD1101	BOTTOM CHAMBER LEFT	23	6	CF250	HEX NUT M8
2	1	AD1102	BOTTOM CHAMBER RIGHT	24	2	AD658	MUFFLER ASSY. 1"
3	8	CD192	DRYING TOWER GASKET	25	4	CD670	BOTTOM DIFFUSER
4	4	AD1401	DRYING TOWER DPS 125	26	1	AD1106	OUTLET CONNECTOR
5	1	AD1103	TOP CHAMBER LEFT	27	4	AD642	TOP COMPACTOR PLATE
6	1	AD1104	TOP CHAMBER RIGHT	28	34	CF201	SOC. HD. CAP SCREW M6 x 16
7	8	CO187	O-RING (56 X 2.0)	29	6	CF248	SOC. HD. CAP SCREW M10 X 20
8	2	AD1075	END COVER BOTTOM	30	26	CF189	SPRING WASHER M8
9	1	AD1080	EXHAUST VALVE ASSY LEFT	31	1	CO125	O-Ring 62 x 3.0
10	4	AD1107	CONNECTOR PLATE	32	4	CF106	SOC. HD. CAP SCREW M8 X 20
11	4	CO126	O-Ring 49 X 3.53	33	34	CF090	SPRING WASHER M6
12	1	AD1586	SHUTTLE VALVE ASSY	34	5	AC126	ONE TOUCH ELBOW 1/8" MALE
13	1	AD1060	INLET VALVE ASSY 1 1/2"	35	8	CF247	SOC. HD. CAP SCREW M8 X 90
14	2	CO124	O-RING 42.5 X 3.0	36	16	CF259	SOC. HD. CAP SCREW M8 X 115
15	1	AD1109	CONNECTING BUSH	37	1	AD1081	EXHAUST VALVE ASSY RIGHT
16	1	AD1108	CONNECTOR	38	1	AD224	ONE TOUCH TUBE
17	1	AD1105	ASSY MOUNTING BRACKET DPS 150 - 200	39	1	AD1110	INLET CONNECTOR
18	1	AD1349	CONTROLLER BOX ASSY UL - DS31-200	40	1	AC011	ONE TOUCH ELBOW 1/4" MALE
19	48	CF141	SOC. HD. CAP SCREW M8 X 40	41	1	CC021	CONNECTOR 1/4" TO 1/4"
20	2	AD1076	END COVER TOP	42	1	AD614	SOLENOID VALVE 24V
21	2	AD925	HUMIDITY INDICATOR	43	20	AD1398	ACTIVATED ALUMINA BAG
22	6	CF103	SOC. HD. CAP SCREW M8 x 30				

SPARE KIT

SL NO.	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
5	SK264A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 250	SK243A	SEALS AND O-RING SPARE KIT DPS 200 & 250	1
			AD642	TOP COMPACTOR PLATE	4
			AD641	BOTTOM DIFFUSER	4
			AD1398	ACTIAVTED ALUMINA BAG	20
4	SK261A	SHUTTLE VALVE ASSY SAPRE KIT - DPS 250	CO123	O-RING (66.03 X 5.34)	3
			CC366	CIRCLIP B-75	1
			AD1585	TOP SHUTTLE	1
3	SK244A	INLET VALVE ASSY SPARE KIT 1 1/2"	AD1090	Poppet Moulded	1
			CO128	O-RING (65 X 3.0)	1
			AD1095	Spring Comp.	1
			CO122	O-RING (69.4 X 5.33)	1
			CO118	O-RING (7.6 X 2.4)	2
			CO119	O-RING (12.3 X 2.4)	1
			CO120	U-Ring	1
			CO121	O-Ring (37.9 x 3.53)	1
2	SK239A	EXHAUST VALVE SPARE KIT DPS-100 - 375	CD193A	GASKET NON-METAL	4
			CC302	SEAL RING	2
			AD637	SPRING COMP	2
			CO042	O-RING (18.72 X 3.53)	2
			CO041	O-RING (47.2 X 5.33)	2
			CO118	O-RING (7.6 X 2.4)	2
			CO009	O-RING (31.6 X 2.4)	2
1	SK243A	SEALS AND O-RING SPARE KIT DPS 200 & 250	CD192	DRYING TOWER GASKET	8
			CO125	O-RING (62 X 3.0)	1
			CO187	O-RING (56 X 2.0)	8
			CO054	O-RING (49 X 3.53)	4
			CO124	O-RING (42.5 X 3.0)	2

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
MEDI	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

TITLE

DRYSPELL 250

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 OF 1

MATERIAL : QTY:

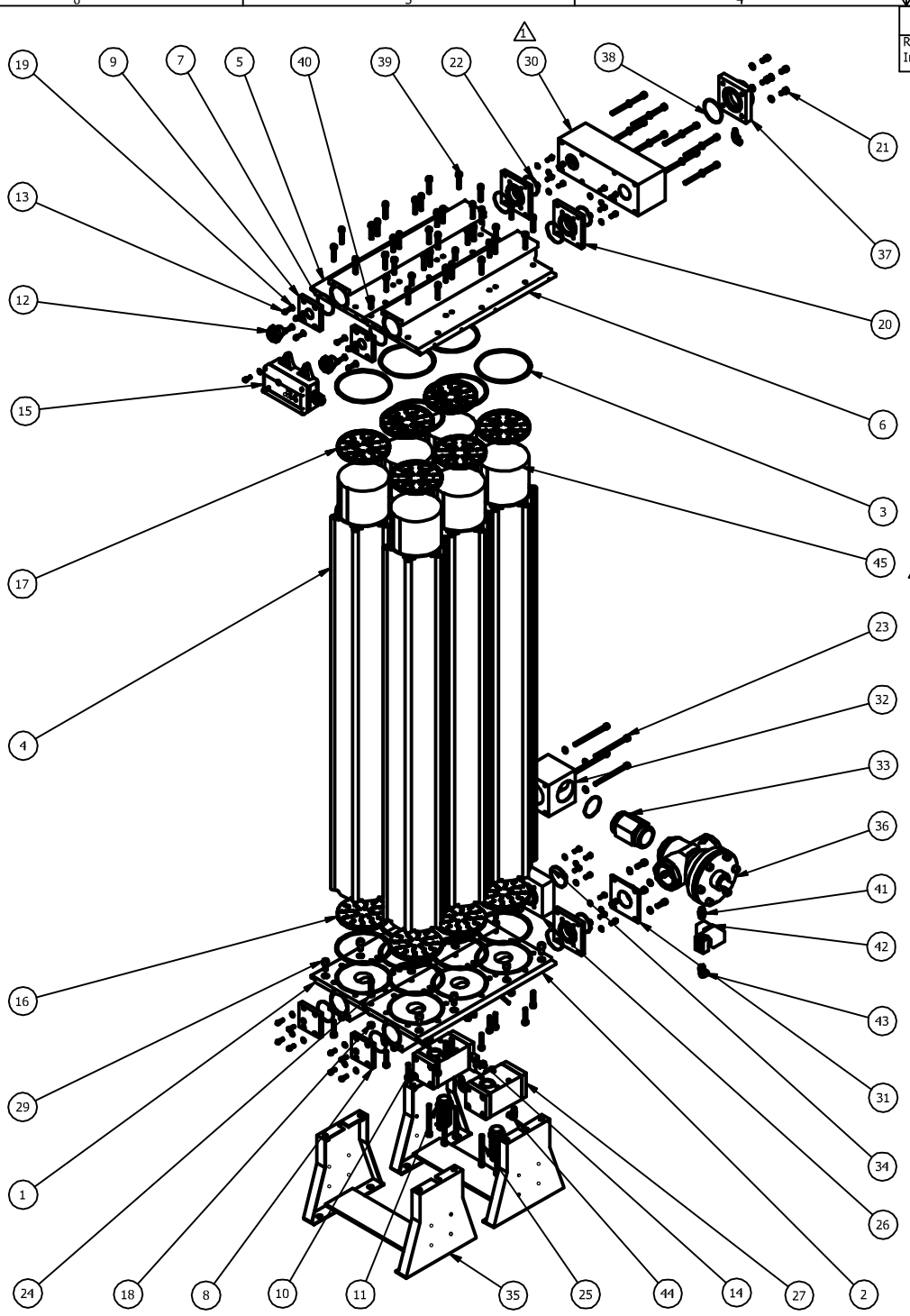
APPROVED	KSN	20-12-12
CHECKED	R.SIVA	20-12-12
DRAWN	MRP	20-12-12

CUSTOMER	VOL
PRODUCT	Dryspell - Big
DRG NO	PD195
REV LEVEL	R2
File :	\\drawings\dryspell\big dryspell

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13



INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	18-06-12	Shuttle valve assy AD1100 changed to Shuttle valve assy AD1385 (orifice 5mm)	530	RS
1 - 2	27-08-12	Desiccant bag introduced	552	RS
2 - 3	25-02-13	Spring Compactor removed and drawing updated	597	RS
3 - 4	24-04-13	O-Ring 66.03 x 3.53 changed to 66.03 x 5.34	604	RS

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AD1143	BOTTOM CHAMBER LEFT	24	24	CF189	SPRING WASHER M8
2	1	AD1142	BOTTOM CHAMBER RIGHT	25	8	CF247	SOC. HD. CAP SCREW M8 X 90
3	12	CD192	DRYING TOWER GASKET	26	1	AD1147	CONNECTOR PLATE INLET 2 INCH TOWER 1
4	6	AD640	DRYING TOWER	27	1	AD1081	EXHAUST VALVE ASSY RIGHT
5	1	AD1141	TOP CHAMBER LEFT	28	---	AD224	ONE TOUCH TUBE
6	1	AD1140	TOP CHAMBER RIGHT	29	8	CF248	SOC. HD. CAP SCREW M10 X 20
7	8	CO187	O-RING (56 X 2,0)	30	1	AD1385	SHUTTLE VALVE ASSY
8	2	AD1075	END COVER BOTTOM	31	1	AD1146	CONNECTOR PLATE INLET 2"
9	2	AD1076	END COVER TOP	32	1	AD1145	CONNECTOR 2"
10	1	AD1080	EXHAUST VALVE LEFT	33	1	AD1144	CONNECTING BUSH 2"
11	2	AD658	MUFFLER ASSY. 1"	34	2	CO140	O-RING 54.5 X 3.0
12	2	AD925	HUMIDITY INDICATOR	35	2	AD1082	ASSY MOUNTING BRACKET DPS 100
13	34	CF201	SOC. HD. CAP SCREW M6 X 16	36	1	AD1361	PILOT OPERATED VALVE 3 WAY- 2 " NPT INLET AND 2" BSP OUTLET
14	2	AS079	SOLENOID VALVE ASSY				
15	1	AD1349	CONTROLLER BOX ASSY UL DS30-200	37	1	AD1360	OUTLET COVER 2" NPT
16	6	AD641	BOTTOM DIFFUSER ASSY	38	1	CO125	O-RING 62 x 3.0
17	6	AD642	TOP COMPACTOR PLATE	39	72	CF141	SOC. HD. CAP SCREW M8 X 40
18	8	CF250	HEX NUT M8	40	12	CF103	SOC. HD. CAP SCREW M8 X 30
19	34	CF090	SPRING WASHER M6	41	1	CC021	CONNECTOR 1/4" x 1/4"
20	3	AD1107	CONNECTOR PLATE	42	1	AD614	24V SOLENOID VALVE
21	4	CF106	SOC. HD. CAP SCREW M8 X 20	43	1	AC011	ONE TOUCH ELBOW 1-4 MALE
22	3	CO126	O-RING 49 x 3.53	44	5	AC115	ONE TOUCH ELBOW 1-8 MALE
23	12	CF259	SOC. HD. CAP SCREW M8 X 115	45	24	AD1398	ACTIVATED ALUMINA BAG

SPARE KIT

SL NO.	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
5	SK250A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 300	SK249A	SEALS AND O-RING SPARE KIT DPS 300 & 375	1
			AD642	TOP COMPACTOR PLATE	6
			AD641	BOTTOM DIFFUSER	6
			AD1398	ACTIVATED ALUMINA BAG	24
4	SK247A	SHUTTLE VALVE ASSY SAPRE KIT - DPS 300	CO123	O-RING (66.03 X 5.34)	3
			CC366	CIRCLIP B-75	1
			AD1384	TOP SHUTTLE	1
3	SK251A	PILOT OPERATED VALVE ASSY SPARE KIT	AD1400	POPPET MOULDED	1
			AD1399	SPRING COMP.	1
			CO196	O-RING (85.3 X 5.7)	1
			CO197	O-RING (71.2 X 3.53)	2
			CO198	O-RING (9.6 X 2.4)	2
			CO119	O-RING (12.3 X 2.4)	1
			CO120	U-Ring	1
2	SK239A	EXHAUST VALVE SPARE KIT DPS-100 - 375	CD193A	GASKET NON-METAL	2
			CC302	SEAL RING	2
			AD637	SPRING COMP	2
			CO042	O-RING (18.72 X 3.53)	2
			CO041	O-RING (47.2 X 5.33)	2
			CO118	O-RING (7.6 X 2.4)	2
			CO009	O-RING (31.6 X 2.4)	2
1	SK249A	SEALS AND O-RING SPARE KIT DPS 300 & 375	CD192	DRYING TOWER GASKET	12
			CO125	O-RING (62 X 3.0)	1
			CO187	O-RING (56 X 2.0)	8
			CO126	O-RING (49 X 3.53)	3
			CO140	O-RING (54.5 X 3.0)	2

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
MEDI	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

TITLE

ASSY DRYSPELL 300

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 OF 1

MATERIAL : QTY: --

APPROVED	KSN	01-09-09
CHECKED	RS	01-09-09
DRAWN	MRP	01-09-09

CUSTOMER	
PRODUCT	DRYSPELL BIG
DRG NO	PD180
REV LEVEL	R4
File :	\\drawing\dryspell big new

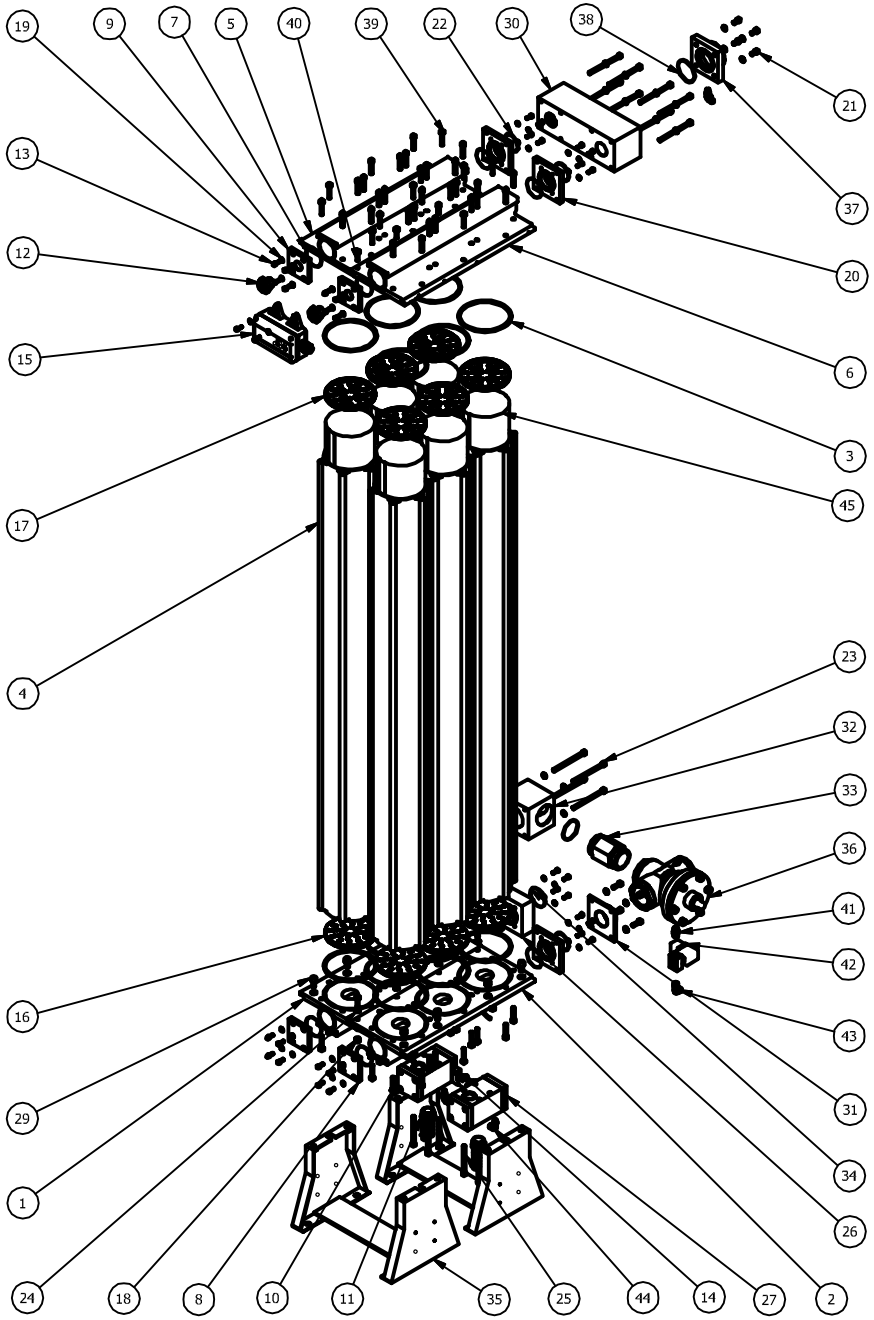
MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13

INSTRUCTIONS		
Receiving Inspection Plan	TPPL\ENG\03	REV.00 CLAUSE 03

REV.No	Date	Details of Revision	ECN Ref.	Appd. By
0 - 1	25-02-13	Spring Compactor removed and drawing updated	597	RS
1 - 2	24-04-13	O-Ring 66.03 x 3.53 changed to 66.03 x 5.34	604	RS



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AD1143	BOTTOM CHAMBER LEFT
2	1	AD1142	BOTTOM CHAMBER RIGHT
3	12	CD192	DRYING TOWER GASKET
4	6	AD1401	DRYING TOWER
5	1	AD1141	TOP CHAMBER LEFT
6	1	AD1140	TOP CHAMBER RIGHT
7	8	CO187	O-RING (56 X 2.0)
8	2	AD1075	END COVER BOTTOM
9	2	AD1076	END COVER TOP
10	1	AD1080	EXHAUST VALVE LEFT
11	2	AD658	MUFFLER ASSY. 1"
12	2	AD925	HUMIDITY INDICATOR
13	34	CF201	SOC. HD. CAP SCREW M6 X 16
14	2	AS079	SOLENOID VALVE ASSY
15	1	AD1349	CONTROLLER BOX ASSY UL DS30-200
16	6	AD641	BOTTOM DIFFUSER ASSY
17	6	AD642	TOP COMPACTOR PLATE
18	8	CF250	HEX NUT M8
19	34	CF090	SPRING WASHER M6
20	3	AD1107	CONNECTOR PLATE
21	4	CF106	SOC. HD. CAP SCREW M8 X 20
22	3	CO126	O-RING 49 x 3.53
23	12	CF259	SOC. HD. CAP SCREW M8 X 115

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
24	24	CF189	SPRING WASHER M8
25	8	CF247	SOC. HD. CAP SCREW M8 X 90
26	1	AD1147	CONNECTOR PLATE INLET 2 INCH TOWER 1
27	1	AD1081	EXHAUST VALVE ASSY RIGHT
28	---	AD224	ONE TOUCH TUBE
29	8	CF248	SOC. HD. CAP SCREW M10 X 20
30	1	AD1587	SHUTTLE VALVE ASSY
31	1	AD1146	CONNECTOR PLATE INLET 2"
32	1	AD1145	CONNECTOR 2"
33	1	AD1144	CONNECTING BUSH 2"
34	2	CO140	O-RING 54.5 X 3.0
35	2	AD1082	ASSY MOUNTING BRACKET DPS 100
36	1	AD1361	PILOT OPERATED VALVE 3 WAY- 2 " NPT INLET AND 2" BSP OUTLET
37	1	AD1360	OUTLET COVER 2" NPT
38	1	CO125	O-RING 62 x 3.0
39	72	CF141	SOC. HD. CAP SCREW M8 X 40
40	12	CF103	SOC. HD. CAP SCREW M8 X 30
41	1	CC021	CONNECTOR 1/4" x 1/4"
42	1	AD614	24V SOLENOID VALVE
43	1	AC011	ONE TOUCH ELBOW 1-4 MALE
44	5	AC115	ONE TOUCH ELBOW 1-8 MALE
45	30	AD1398	ACTIVATED ALUMINA BAG

SPARE KIT

SL NO.	PART NUMBER	DESCRIPTION	SPARE KIT CONSISTING OF		
5	SK265A	ACTIVATED ALUMINA WITH SEAL KIT - DPS 375	SK249A	SEALS AND O-RING SPARE KIT DPS 300 & 375	1
			AD642	TOP COMPACTOR PLATE	6
			AD641	BOTTOM DIFFUSER	6
			AD1398	ACTIVATED ALUMINA BAG	30
4	SK262A	SHUTTLE VALVE ASSY SAPRE KIT - DPS 375	CO123	O-RING (66.03 X 5.34)	3
			CC366	CIRCLIP B-75	1
			AD1422	TOP SHUTTLE	1
3	SK251A	PILOT OPERATED VALVE ASSY SPARE KIT	AD1400	POPPET MOULDED	1
			AD1399	SPRING COMP.	1
			CO196	O-RING (85.3 X 5.7)	1
			CO197	O-RING (71.2 X 3.53)	2
			CO198	O-RING (9.6 X 2.4)	2
			CO119	O-RING (12.3 X 2.4)	1
			CO120	U-Ring	1
2	SK239A	EXHAUST VALVE SPARE KIT DPS-100 - 375	CD193A	GASKET NON-METAL	4
			CC302	SEAL RING	2
			AD637	SPRING COMP	2
			CO042	O-RING (18.72 X 3.53)	2
			CO041	O-RING (47.2 X 5.33)	2
			CO118	O-RING (7.6 X 2.4)	2
			CO009	O-RING (31.6 X 2.4)	2
1	SK249A	SEALS AND O-RING SPARE KIT DPS 300 & 375	CD192	DRYING TOWER GASKET	12
			CO125	O-RING (62 X 3.0)	1
			CO187	O-RING (56 X 2.0)	8
			CO126	O-RING (49 X 3.53)	3
			CO140	O-RING (54.5 X 3.0)	2

Does this drawing contains critical Interface Dimensions :

Critical to Quality Characteristics Marked thus :

UNLESS OTHERWISESPECIFIED USE THE FOLLOWING

GENERAL TOLERANCE FOR LINEAR DIMENSION IS 2102 (PART 1) 1993 ISO 2768 -1: 1989 — 3.2

DIMS.	0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
MEDI	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

TITLE

ASSY DRYSPELL 375

UNLESS SPECIFIED ALL DIMS. ARE IN mm

SCALE	SHEET
NTS	1 OF 1

MATERIAL : QTY: ---

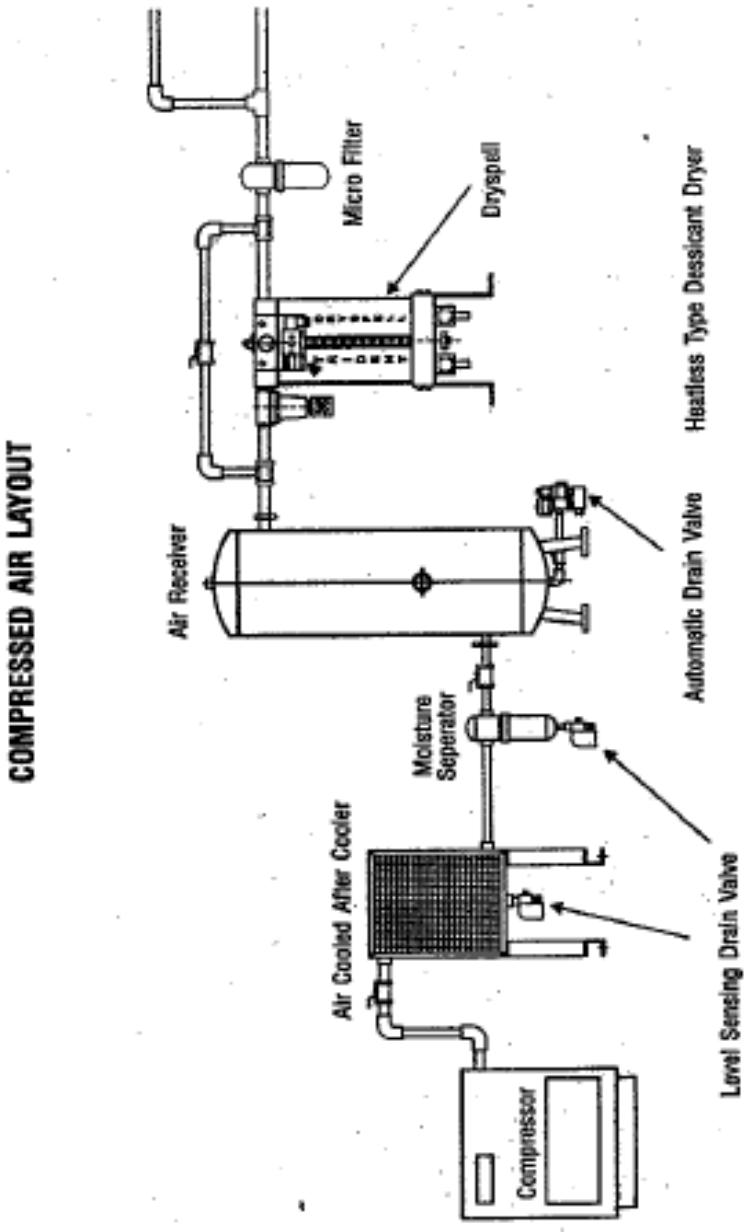
APPROVED	KSN	14-09-12
CHECKED	RS	14-09-12
DRAWN	MRP	14-09-12

CUSTOMER	
PRODUCT	DRYSPELL BIG
DRG NO	PD196
REV LEVEL	R2
File :	\\drawing\dryspell big new

MEASUREMENT SHOULD NOT BE TAKEN AS REF. FROM DRG.

TRIDENT PNEUMATICS PVT LTD

R1-06/13


COMPRESSED AIR LAYOUT
Micro Filter
Dryspell
Heatless Type Dessicant Dryer
Air Receiver
Automatic Drain Valve
Moisture Seperator
Air Cooled After Cooler
Level Sensing Drain Valve
Compressor

INSTALLATION & COMMISIONING REPORT
MINI REGENERATIVE AIR DRYER

Customer :	Model :
	Sl. No. :
Contact person :	Phone :
Designation :	Fax :

(Please add any comments or remarks here found while unpacking)

1. INSTALLATION

a) Installation at :	Before / After Air Receiver	LED Glowing	Yes / No
b) Inlet air Temperature :	Normal / High	Tower 1 and 2 Drying	Yes / No
c) Side clearance provided :	Yes / No	Depressurizing	Yes / No
d) Power Grounded :	Yes / No	Regeneration	Yes / No
e) Air Flow Outlet :	Normal / Faulty		
f) Change over sequence :	Normal / Faulty		

2. COMMISSIONING

Installation	Date of Completion
Commissioning	Date of Completion

Comments:

Customer	Installation Engineer

Signature & Name of Installing Engineer	Dealers Signature & Seal	Customer's Signature & Seal