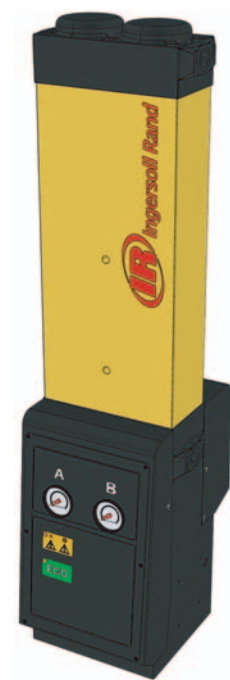


**Desiccant Air Dryer
D41IM - D299IM**



(EN) USER GUIDE (Original Language)

(NL) GEBRUIKERSHANDLEIDING
(SV) BRUKSANVISNING
(ES) GUÍA DEL USUARIO
(SK) UŽIVATELSKÁ PRÍRUČKA
(LV) LIETOTĀJA ROKASGRMĀTA
(SL) NAVODILA ZA UPORABO

(DE) BENUTZERHANDBUCH
(NO) BRUKERVEILEDNING
(PT) GUIA DO UTILIZADOR
(CS) UŽIVATELSKÁ PŘÍRUČKA
(LT) VARTOTOJO VADOVAS
(TR) KULLANIM KILAVUZU

(FR) GUIDE D'UTILISATION
(DA) BRUGERVEJLEDNING
(IT) MANUALE UTENTE
(ET) KASUTUSJUHEND
(RU) РУКОВОДСТВО ПОЛЬЗОВАТЕЛЯ
(MT) GWIDA GĦALL-UTENT

(FI) KÄYTTÖOPAS
(EL) ΕΓΧΕΙΡΙΔΙΟ ΧΡΗΣΗΣ
(PL) INSTRUKCJA UŻYTKOWNIKA
(HU) HASZNÁLATI UTASÍTÁS

1 Safety Information

Important: Do not operate this equipment until the safety information and instructions in this user guide have been read and understood by all personnel concerned.

Only competent personnel trained, qualified, and approved by Ingersoll Rand should perform installation, commissioning, service and repair procedures.

Use of the equipment in a manner not specified within this user guide may result in an unplanned release of pressure, which may cause serious personal injury or damage.

When handling, installing or operating this equipment, personnel must employ safe engineering practices and observe all related regulations, health & safety procedures, and legal requirements for safety.

Ensure that the equipment is depressurised and electrically isolated, prior to carrying out any of the scheduled maintenance instructions specified within this user guide.

Most accidents that occur during the operation and maintenance of machinery are the result of failure to observe basic safety rules and procedures. Accidents can be avoided by recognising that any machinery is potentially hazardous.

Ingersoll Rand can not anticipate every possible circumstance which may represent a potential hazard. The warnings in this manual cover the most known potential hazards, but by definition can not be all-inclusive. If the user employs an operating procedure, item of equipment or a method of working which is not specifically recommended by **Ingersoll Rand** the user must ensure that the equipment will not be damaged or become hazardous to persons or property.

Should you require an extended warranty, tailored service contracts or training on this equipment, or any other equipment within the **Ingersoll Rand** range, please contact your local **Ingersoll Rand** office.

Details of your nearest **Ingersoll Rand** sales office can be found at www.air.irco.com

Retain this user guide for future reference.

1.1 Markings and Symbols

The following markings and international symbols are used on the equipment and within this user guide:



Caution, Read the User Guide.



Risk of electric shock.



Warning

Highlights actions or procedures which, if not performed correctly, may lead to personal injury or death.



Caution

Highlights actions or procedures which, if not performed correctly, may lead to damage to this product.



Warning

Highlights actions or procedures which, if not performed correctly, could lead to electric shock.



Wear hearing protection.



When disposing of old parts always follow local waste disposal regulations.



Conformité Européenne

1.2 Hazardous Substances

The chambers of the dryer are filled with DRYFIL desiccant material. This is a powerful desiccant and will dry out the atmosphere, eyes, nose, and mouth.

If the desiccant comes into contact with the eyes or skin, wash the affected area with copious amounts of water.

DRYFIL may contain some dust therefore an orinasal dust respirator should be worn when handling the equipment. Adequate ventilation should be provided when working with desiccant.

The desiccant is classified as non-hazardous for transportation.

DRYFIL will evolve heat on contact with moisture and may generate pressure in a confined space. DRYFIL should therefore be stored in a dry place in its original packaging.

DRYFIL is non-flammable. Any fire should be fought by means appropriate to the material causing the fire.

DRYFIL should be disposed of into a licensed land fill site.

2 Description

Ingersoll Rand desiccant dryers are designed to remove moisture vapour from compressed air. Providing pressure dewpoints of -40°C (-40°F) or -70°C (-100°F) at specified conditions.

ISO8573.1 : 2001 Edition

Dewpoint Selected	Product Installed	ISO Classification
-40°C Pressure Dewpoint	GP + HE + Dryer + DP	ISO8573.1 : 2001 Class 3.2.2
-70°C Pressure Dewpoint	GP + HE + Dryer + DP	ISO8573.1 : 2001 Class 3.1.2

ISO8573.1 1991 Edition

Dewpoint Selected	Product Installed	ISO Classification
-40°C Pressure Dewpoint	GP + HE + Dryer + DP	ISO8573.1 : 1991 Class 2.2.2
-70°C Pressure Dewpoint	GP + HE + Dryer + DP	ISO8573.1 : 1991 Class 2.1.2

The dryers comprise of extruded aluminium columns. Each column contains twin chambers filled with desiccant material that dries the compressed air as it passes through. One chamber is operational (drying), whilst the opposite chamber is regenerating by Pressure Swing Adsorption (PSA).

Pressure Swing Adsorption (PSA)

A small amount of the dried compressed air is used to regenerate the spent desiccant bed. Dried air at line pressure is expanded to atmospheric pressure through the regenerating column.

Energy Management System (EMS) - optional

If EMS is fitted, this will adjust the dryer's cycle in line with the moisture loading placed upon it, by constantly monitoring the processed air moisture content. Also available as a retrofit to all dryer models.

2.1 Technical Specification

This specification is valid when the equipment is located, installed, operated, and maintained as specified within this user guide.

Stated flows are for operation at 7 bar g (102 psi g) with reference to 20°C (68°F), 1 bar (a) (14.5 psi), 0% relative humidity. For flows at other conditions, apply the correction factors shown..

Model	Pipe Size	m ³ /min	m ³ /hr	cfm
D41IM	1/2"	0.68	40.8	24
D54IM	1/2"	0.91	54.6	32
D71IM	1/2"	1.19	71.4	42
D90IM	3/4"	1.5	90	53
D110IM	3/4"	1.84	110.4	65
D150IM	1"	3	180	106
D180IM	1"	3	180	106
D221IM	1"	3.68	220.8	130
D299IM	1"	4.98	298.8	176

Correction Factors

Minimum Drying Capacity = Inlet Flow Requirement x CFT x CFP

Temperature Correction Factor (CFT)

Max Inlet Temperature	°C	25	30	35	40	45	50
	°F	77	86	95	104	113	122
	CFI	1.00	1.00	1.00	1.03	1.14	1.37

Pressure Correction Factor (CFP)

Min Inlet Pressure	bar g	4	5	6	7	8	9	10	11	12	13	14	15	16
	psi g	58	73	87	102	116	131	145	160	174	189	203	218	232
	CFP	1.59	1.33	1.14	1.00	0.88	0.80	0.72	0.67	0.61	0.57	0.53	0.50	0.47

Minimum Operating Pressure	4 bar g 58 psi g
Maximum Operating Pressure D41IM - D150IM	16 bar g 232 psi g
Maximum Operating Pressure D180IM - D299IM	13 bar g 190 psi g
Minimum Operating Temperature	2°C 35°F
Maximum Inlet Air Temperature	50°C 122°F
Maximum Ambient Air Temperature	55°C 131°F
Noise Level	<75 dB(A)
Standard Electrical Supply	230 V 1ph 50 Hz
Optional Electrical Supply	110 V 1ph 60 Hz
Nominal Dewpoint	-40°C -40°F
Optional Dewpoint	-70°C -100°F
Nominal ISO 8573.1 : 2001 Classification	Class 2 Water
Optional ISO 8573.1 : 2001 Classification	Class 1 Water
Standard Thread Connections	BSPP
Optional Thread Connections	NPT

Approvals	
CRN	OH0373.9C (D41IM - D150IM)
	OH0372.9C (D180IM - D299IM)
CSA	173682 (LR56310)



Caution

Before continuing with the installation and commissioning of this equipment:

Ensure that it is correctly sized for the inlet pressure, taking into consideration the pressure drop caused by the valves, pipes and filters within the system. Allowance should be made for purge air loss. The dryer should be typically sized at 1 bar (14 psi/0.1MPa) below nominal compressor output pressure.

The purge air flow is factory set for 6 bar g (87 psi g) minimum system pressure. Should the minimum supply pressure be lower than this figure the purge air flow must be reset in order to maintain the specified dewpoint. Please contact your local Ingersoll Rand office for assistance.

Ensure that it is correctly sized for inlet temperature to meet the dewpoint specified.

-40°C (-40°F) or -70°C (-100°F).

Ensure that the electrical supply voltage and frequency meet the requirements detailed within this specification and on the equipment rating plate.

2.1.1 Dimensions

Refer to diagram A1 in Annex A for dimensions and weights

Note: Weights include filters but are not shown in the diagram.

2.2 Unpacking the equipment



Remove the equipment from its packaging as shown in A2 in Annex A of this user guide and check that it has not been damaged in transit, if so please contact your shipping company.

The following items have been included with your equipment:

Description	Qty
Dryer	1
HE Filter	1
DP Filter	1
Rewireable IEC socket (50Hz units only)	1

If any items are missing or damaged please contact your local **Ingersoll Rand** office.

2.3 Overview of the equipment

Referring to diagram A3 in Annex A, the major parts of the dryer are as follows:

Ref	Identification	Ref	Identification
1	Outlet filter port	5	Indicators
2	Column	6	Pressure Gauges
3	Inlet filter port	7	Purge adjusting screw
4	Electrical power supply inlet		

3 Installation & Commissioning



Only competent personnel trained, qualified, and approved by Ingersoll Rand should perform installation, commissioning and service procedures.

3.1 Recommended system layout

The dryer should be installed with the correct pre-filtration and condensate management equipment to meet both the specification and local environmental requirements.

Referring to diagram A4 in Annex A, the following equipment is recommended to meet these requirements:

Ref	Description	Ref	Description
1	Compressor	6	DP Filter
2	Wet air receiver	7	Dryer
3	Bypass Line	8	GP Filter (optional)
4	Isolation Valves	9	Outlet to application
5	HE Filter		



The use of a bypass line will allow wet untreated air into the system. It should therefore only be used in extreme circumstances.

3.2 Locating the equipment

Identify a suitable location for the equipment taking into consideration the minimum space requirements for maintenance and lifting equipment. When considering the final location of the equipment take into account the noise generated when in use.

The dryer can be free standing or secured to the floor via the fastener points provided in the base..

3.3 Mechanical Installation

Once the dryer has been located into position install the piping and filtration for connection to the inlet and outlet manifold. HE grade filter is required at the dryer inlet and a DP grade filter at the outlet as shown in diagram A5 of Annex A.

Ensure that each filter condensate drain is suitably piped away and any effluent is disposed of in accordance with local regulations.

Ref	Description	Ref	Description
1	HE grade filter	4	Isolation Valves
2	DP grade filter	5	Feed line (Optional with Energy Management System)
3	By-pass line	6	GP grade filter (Optional)

The Energy Management System (EMS) system requires a sampling point to be inserted into the piping between the DP grade outlet filter and the isolation valve as shown in diagram A5. This sampling point should be linked to the 4mm push in connector of the EMS system using P.T.F.E tubing.

It is important to ensure that all piping materials are suitable for the application, clean and debris free. The diameter of the pipes must be sufficient to allow unrestricted inlet air supply to the equipment and outlet gas / air supply to the application.

When routing the pipes ensure that they are adequately supported to prevent damage and leaks in the system.

All components used within the system must be rated to at least the maximum operating pressure of the equipment. It is recommended that the system be protected with suitably rated pressure relief valves.

A by-pass line may be installed into the system to provide a constant air supply during maintenance.



The by-pass line will allow untreated air to pass to the application and should only be used when the dryer has been shut down.

3.4 Electrical Installation

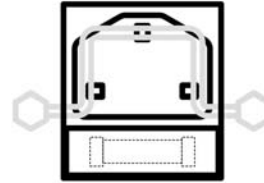


Warning

A fully qualified electrical engineer must undertake all electrical work in accordance with local regulations.

Attach the cordset provided to the fused electrical power supply inlet on the equipment and connect to the electrical supply.

If a cordset, other than the one provided with the equipment, is used to connect the equipment to the electrical supply ensure that it is suitably rated for the application and in accordance with local and national code regulations.



Warning

The dryer must be bonded to earth at the terminal marked with the international symbol IEC-60417 – 5017.

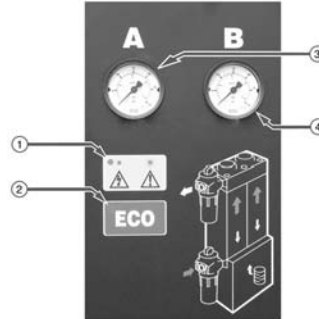


4 Operating the equipment

4.1 Overview of Controls

The fascia of the dryer consists of indicators only as follows:

- 1 Power "ON" Indicator
- 2 ECO (EMS) Indicator
- 3 Column A pressure Gauge
- 4 Column B pressure Gauge



4.2 Starting the equipment



Start-up should be undertaken by an Ingersoll Rand trained, qualified and approved service engineer.

Warning

1. Ensure that the isolation valves on the inlet and the outlet of the dryer are closed.
2. Connect the electrical supply to the dryer and verify that the Power On indicator is illuminated.
3. Slowly open the isolation valve on the inlet of the dryer. Verify that there are no leaks.
4. Test the condensate drains of the filters and verify that they are discharging correctly into a suitable collection vessel.
5. When the dryer is pressurised to full system pressure, slowly open the outlet isolation valve.
If a bypass line has been fitted, close the bypass valve.
6. Verify that the column pressure gauges are cycling between zero and full system pressure every three minutes.

No further intervention is required for normal operation.

Energy Management System (EMS) - optional

If the dryer is producing air at a better dewpoint than specified the EMS system will hold the dryer at a point just before the changeover occurs. The green "ECO" LED will illuminate and both pressure gauges will read full system pressure.

Note: Factory set at -40°C -40°F (not adjustable)

4.3 Stopping the equipment

1. Close the isolation valve on the outlet followed by the isolation valve on the inlet.
If a by-pass line has been fitted, simultaneously open the by-pass valve.
2. De-pressurise the dryer by venting through the drain ball valve on the outlet dust filter.

Note: The drain valve should be opened gradually.

3. Disconnect the electrical supply to the dryer.















5 Servicing

The recommended service procedures identified in table 5.2 and all other repair and calibration work should be undertaken by a **Ingersoll Rand** trained, qualified and approved engineer.

5.1 Cleaning

Clean the equipment with a damp cloth only and avoid excessive moisture around any electrical sockets. If required you may use a mild detergent, however do not use abrasives or solvents as they may damage the warning labels on the equipment.

5.2 Service Intervals

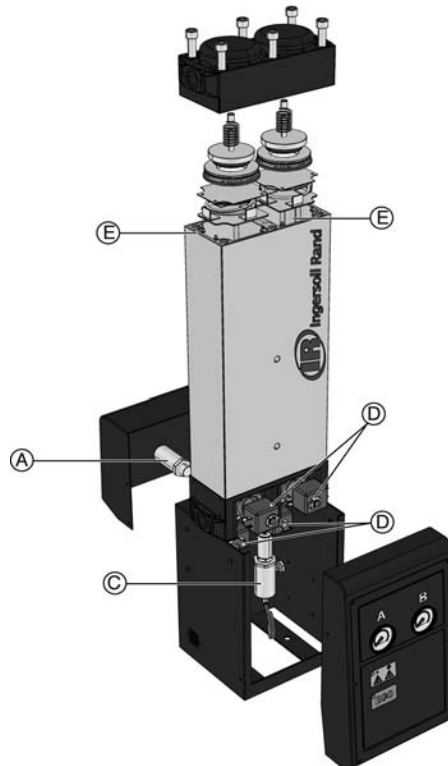
Description Of Maintenance Required		Typical Recommended Maintenance Interval					
Component	Operation	Daily	3-month	6-month	12-month	24-month	30-month
Dryer	Check POWER ON indicator is illuminated.						
Dryer	Check STATUS / FAULT indicators located on the controller.						
Dryer	Check for air leaks.						
Dryer	Check the pressure gauges during purging for excessive back pressure.						
Dryer	Check the condition of electrical supply cables and conduits.						
Dryer	Check for cyclic operation.						
Filtration	Check Drain operation						
Dryer	Replace the active exhaust silencers Recommended Service A						
Filtration	Replace the inlet, outlet and control air filters, and service drains. Recommended Service B						
Dryer	Replace / Calibrate dewpoint transmitter (EMS Units only). Recommended Service C						
Dryer	Replace the valve seats and seals. Recommended Service D						
Dryer	Replace the Desiccant. Recommended Service E						

Key:  - Check  - Replace

5.3 Service Kits

Service Kit	Description	Kit No.	Quantity
A	Kit: Exhaust Silencer Single D41IM - D110IM	38455671	1
	Kit: Exhaust Silencer Double D150IM - D299IM	38455689	2
B	Refer to Filter user guide	171130610	-
C	Kit: Hygrometer Service	38455697	1
D	Kit: Valve Overhaul D41IM - D110IM	38455713	1
	Kit: Valve Overhaul D150IM - D299IM	38455747	1
E	AA 11.2 Litre Bag	38455754	See table below
	MS 13X 11.2 Litre Bag	38455762	See table below
	Kit: Column Seals D41IM - D110IM	38455770	1
	Kit: Column Seals D150IM- D299IM	38455788	1

	D41IM		D54IM		D71IM		D90IM		D110IM		D150IM		D180IM		D221IM		D299IM	
	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70
Dryfill AA	1		1		2		2		2		3		3		4		5	
Dryfill MS 13x		1		1		2		2		2		3		3		4		5
Seals	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



5.4 Service Record

Date of Commissioning	
-----------------------	--

Service (Hours)	Date	Serviced By		Comments / Observations
		Print	Sign	
4,000				
8,000				
16,000				
20,000				
24,000				
28,000				
32,000				
36,000				
40,000				

6 Troubleshooting

In the unlikely event that a problem occurs on the equipment, this troubleshooting guide can be used to identify the probable cause and remedy.



Troubleshooting should only be attempted by competent personnel. All major repair, and calibration work should be undertaken by a Ingersoll Rand trained, qualified and approved engineer.

Warning

6.1 Dewpoint Failure

A dewpoint failure will result in there being water in the downstream piping and equipment.

Possible Cause	Action Required
The inlet parameters have changed.	If the inlet flow-rate or the inlet temperature have increased ensure that the filters and dryer are re-sized accordingly. If the inlet pressure has changed ensure that the filters and dryer are re-sized accordingly.
The condensate is not being drained.	Verify that all condensate drains are functioning correctly. Check that the drain hoses are free from kinks and obstructions. Ensure that the isolation valves on the drains are fully open.
The compressor is not functioning correctly.	Check the documentation supplied by the compressor manufacturer for troubleshooting guidance.
The compressor capacity has changed.	Ensure that the filters and dryer are sized accordingly.
The after cooler is not functioning correctly.	Test that condensate drain is operating correctly. Check that the cooling water system is functioning correctly and that the water temperature is within specification (water cooled systems only). Ensure that the after cooler and dust filter (if fitted) are clean (air cooled systems only). Ensure that the fan is functioning correctly (air cooled systems only).
There is no wet air receiver fitted within the system.	Install a wet air receiver and drain within the system (if possible). Ensure there is adequate drainage on the piping prior to the dryer pre-filtration. A water separator should also be installed before the dryer pre-filtration to ensure removal of bulk liquid.
Filtration has not been correctly maintained.	If the element and float drain have been installed longer than 12 months ensure that they are both changed. Verify that the float drain is operating correctly.
The dryer has been by-passed.	If a bypass line has been installed on the system ensure that it is closed. Use bypass filtration.
The regeneration column pressure within the dryer is greater than 350mbar.	Contact a Ingersoll Rand approved service agent.
There is a fault with the dryer timer.	Contact a Ingersoll Rand approved service agent.
There is a fault with the dryer valves.	Contact a Ingersoll Rand approved service agent.
The desiccant is approaching the end of its useful life.	Contact a Ingersoll Rand approved service agent.

6.2 High Pressure drop

A high pressure drop will result in low pressure gauge readings or intermittent operation of the downstream equipment.

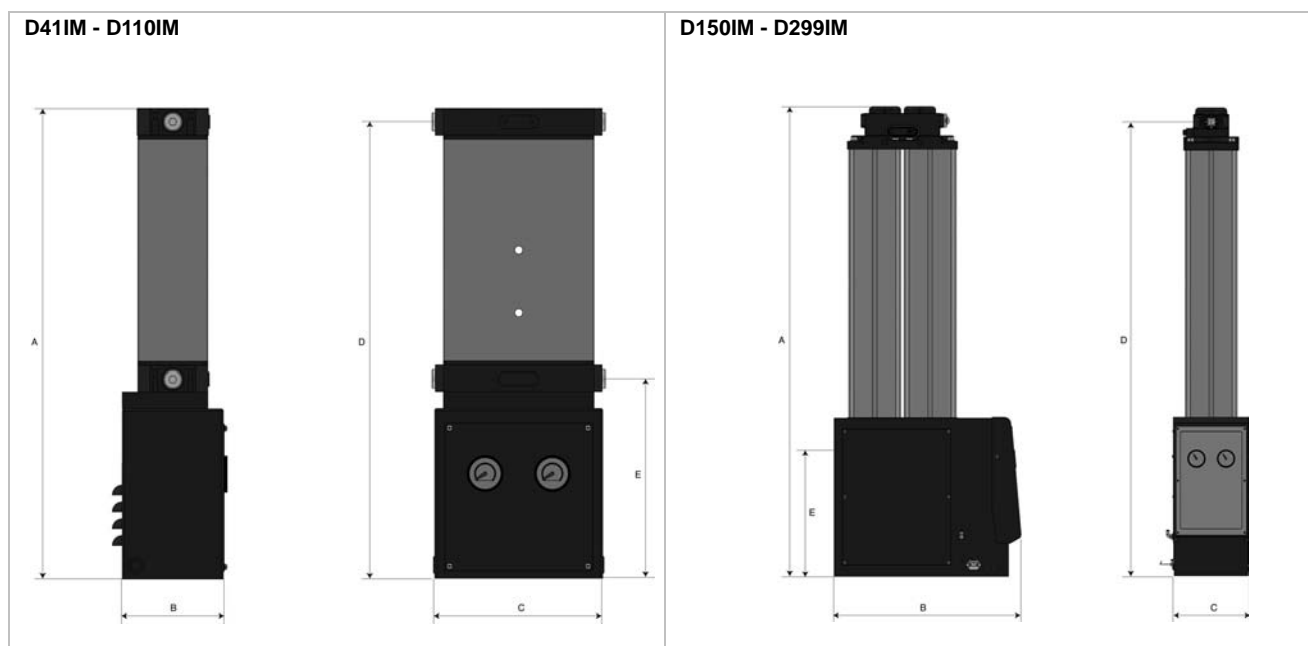
Possible Cause	Action Required
Filtration has not been correctly maintained.	If the element and float drain have been installed longer than 12 months ensure that they are both changed. Verify that the float drain is operating correctly.
The inlet parameters have changed.	If the inlet flow-rate has increased ensure that the filters and dryer are re-sized accordingly. If the inlet temperature has increased verify that the filters are within specification. Ensure that the oil vapour removal filters and the dryer are re-sized accordingly. If the inlet pressure has changed ensure that the filters and dryer are re-sized accordingly. Contact Ingersoll Rand for details on particle counting and air quality air measurement.
The compressor is not functioning correctly.	Check the documentation supplied by the compressor manufacturer for troubleshooting guidance.
There is a pressure loss from the system.	Check for leaks in the piping and at connection points. Ensure that all drain cocks and pressure relief valves are closed. Check to see if the downstream flow-rate demand has increased.
The dryer is not powered up.	Verify that the dryers power indicator is illuminated. If the dryer is not powered check the isolator and circuit breaker.
An isolation valve is closed or partially closed.	Check the position of all isolation valves.

6.3 Downstream air supply interrupted

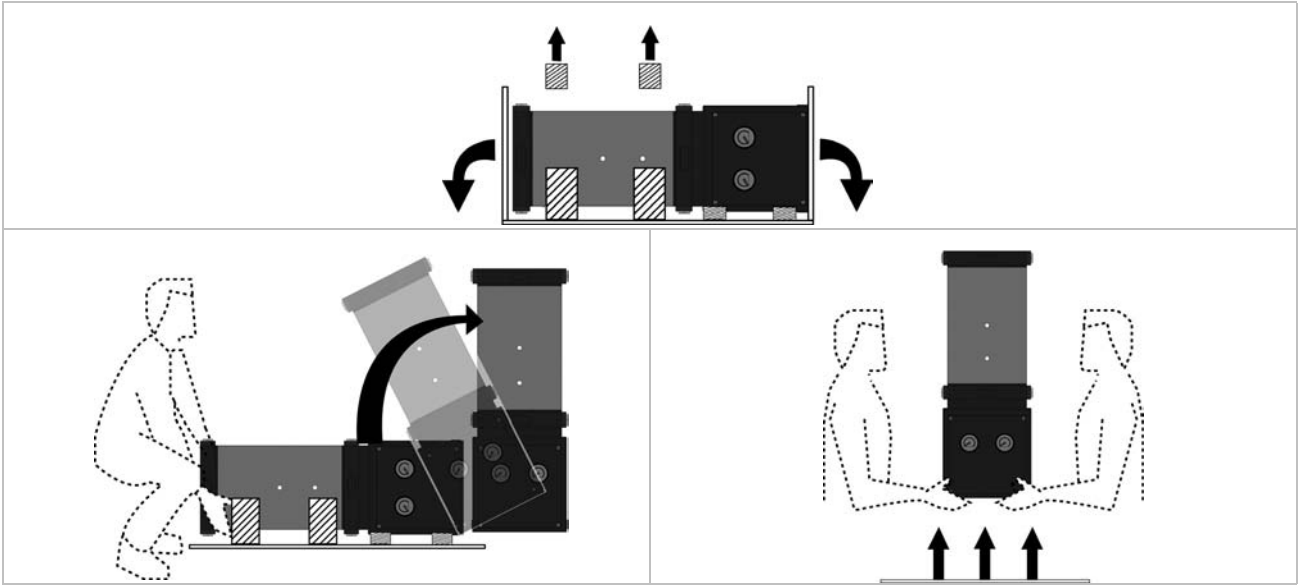
An interruption of the air supply downstream will result is a rapid loss of system pressure and failure of the downstream equipment.

Possible Cause	Action Required
The compressor is not functioning correctly.	Check the documentation supplied by the compressor manufacturer for troubleshooting guidance.
There is a pressure loss from the system.	Check for leaks in the piping and at connection points.
The dryer is not powered up.	Verify that the dryers power indicator is illuminated. If the dryer is not powered check the isolator and circuit breaker. Check the dryer fault indicators.

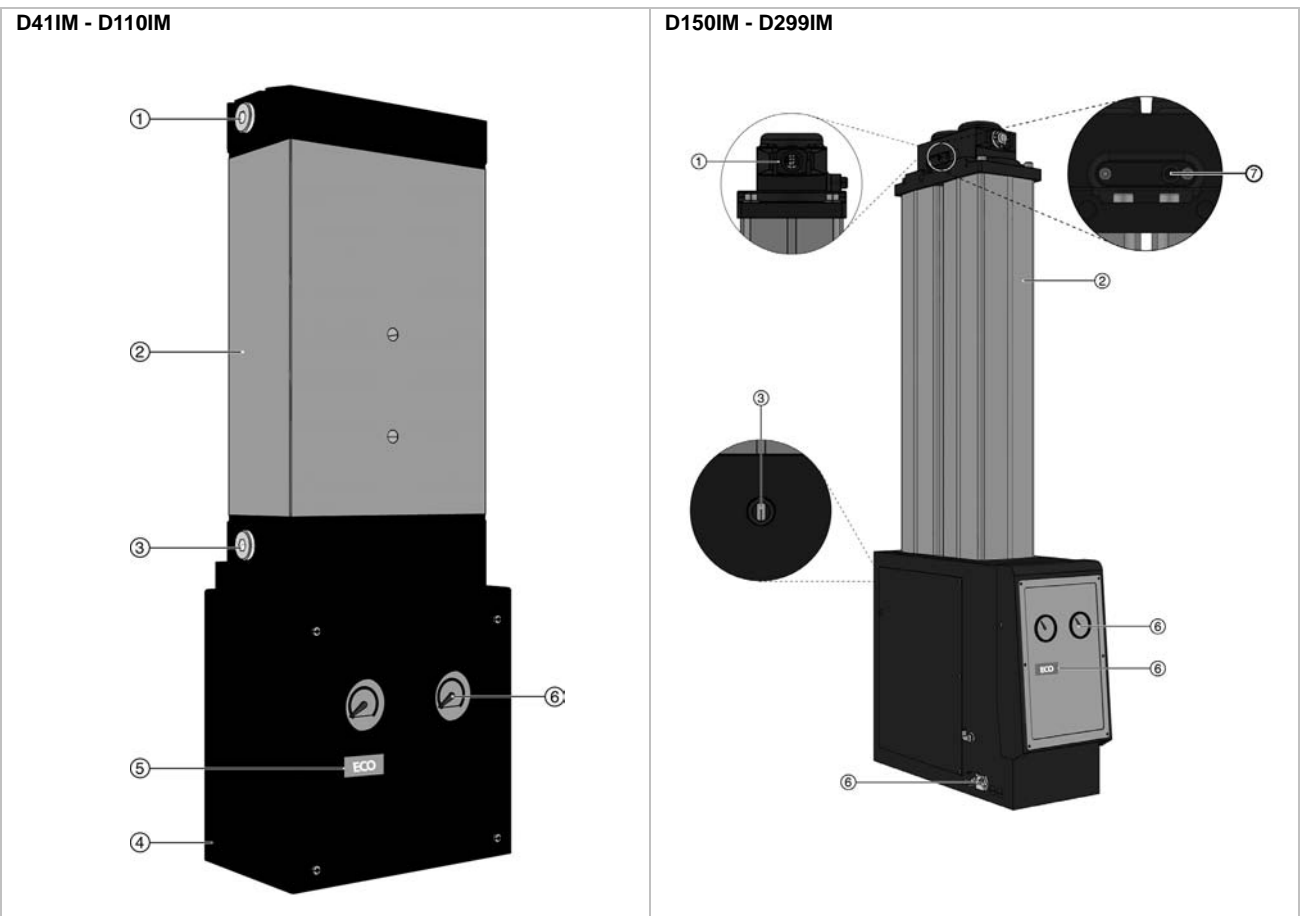
Annex A



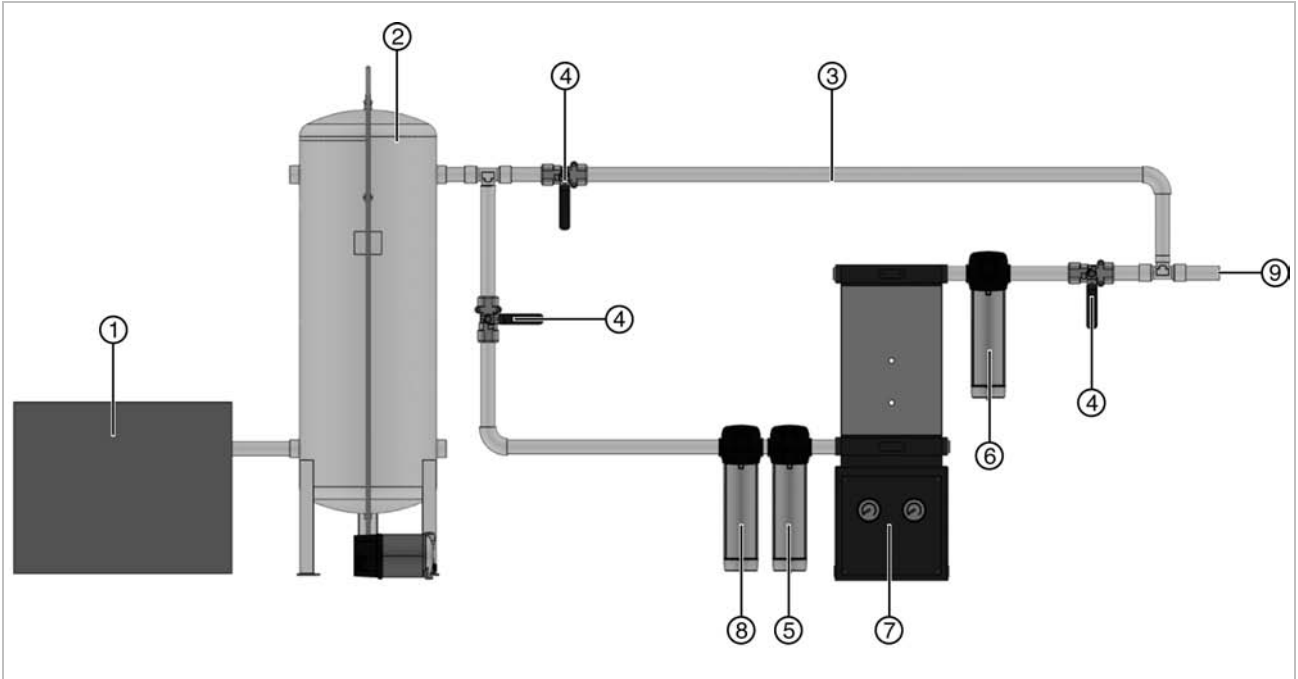
Model	A mm (inches)	B mm (inches)	C mm (inches)	D mm (inches)	E mm (inches)	Weight Kg (lbs)
D41IM	837 (32.9)	302 (11.9)	284 (11.2)	794 (31.26)	352 (13.86)	34 (75)
D54IM	1003 (39.5)	302 (11.9)	284 (11.2)	960 (37.8)	352 (13.86)	39 (86)
D71IM	1168 (46.0)	302 (11.9)	284 (11.2)	1125 (44.29)	352 (13.86)	44 (97)
D90IM	1333 (52.5)	302 (11.9)	284 (11.2)	1290 (50.79)	352 (13.86)	49 (108)
D110IM	1499 (59.0)	302 (11.9)	284 (11.2)	1456 (57.32)	352 (13.86)	54 (119)
D150IM	1433 (56.4)	566 (22.3)	220 (8.7)	1389 (54.69)	395 (15.55)	86 (189)
D180IM	1433 (56.4)	566 (22.3)	220 (8.7)	1389 (54.69)	395 (15.55)	86 (189)
D221IM	1599 (62.9)	566 (22.3)	220 (8.7)	1555 (61.22)	395 (15.55)	97 (213)
D299IM	1847 (72.7)	566 (22.3)	220 (8.7)	1803 (70.98)	395 (15.55)	111 (244)



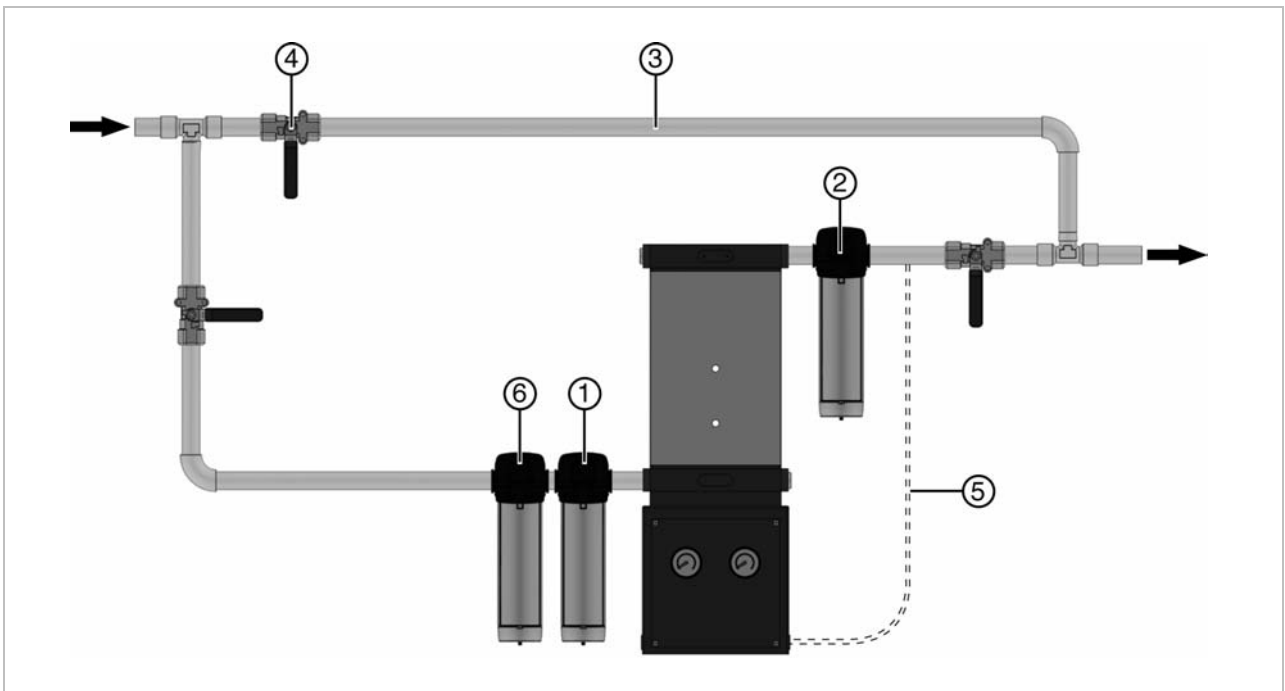
A2



A3



A4



A5

Declaration of Conformity		EN
<p>Ingersoll Rand Company Ltd Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK</p> <p>Desiccant Air Dryer D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M</p>		
Directives	97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC	
Standards used	EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 6100-6-1: 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001 Generally in accordance with ASMEVIII Div 1 : 2004.	
PED Assessment Route : Notified body for PED:	Module B & D Lloyds Register of Shipping 71 Fenchurch St. London EC3M 4BS LDS 9900792/5	
EC Type-examination Certificate:	LDS 9900792/5	
Authorised Representative	H. Seddon Quality Assurance Manager Ingersoll Rand Company Ltd	
Declaration		
I declare that as the authorised representative, the above information in relation to the supply / manufacture of this product, is in conformity with the standards and other related documents following the provisions of the above Directives.		
Signature:		Date: 11/10/07
Declaration Number: 00156/111007		

Déclaration de conformité		FR
<p>Ingersoll Rand Company Ltd Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK</p> <p>Desiccant Air Dryer D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M</p>		
Directives	97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC	
Normes utilisées	EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 6100-6-1: 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001 Généralement conforme à ASMEVIII div. 1 : 2004.	
Méthode d'évaluation de la directive d'équipements de pression : Organisme de notification pour la directive d'équipement sous pression : Certificat d'examen de type CE :	Module B & D Lloyds Register of Shipping 71 Fenchurch St. London EC3M 4BS LDS 9900792/5	
Représentant agréé	H. Seddon Responsable qualité Ingersoll Rand Company Ltd	
Déclaration		
Je déclare à titre de représentant agréé que les informations ci-dessus liées à la fourniture/fabrication de ce produit sont en conformité avec les normes et autres documents liés déclarés selon les dispositions des directives susmentionnées.		
Signature :		Date : 11/10/07
N° de déclaration : 00156/111007		

Verklaring van Conformiteit		NL
<p>Ingersoll Rand Company Ltd Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK</p> <p>Desiccant Air Dryer D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M</p>		
Richtlijnen	97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC	
Gehanteerde normen	EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 6100-6-1: 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001 Gewoonlijk volgens ASMEVIII Div 1 : 2004.	
PED-beoordelingstraject: Aangemelde instantie voor PED:	Module B & D Lloyds Register of Shipping 71 Fenchurch St. London EC3M 4BS LDS 9900792/5	
EC Type onderzoekscertificaat:	LDS 9900792/5	
Bevoegde vertegenwoordiger	H. Seddon Kwaliteitsmanager Ingersoll Rand Company Ltd	
Verklaring		
Als bevoegde vertegenwoordiger verklaar ik dat bovenstaande informatie met betrekking tot de levering / vervaardiging van dit product overeenstemt met de normen en andere bijbehorende documentatie volgens de bepalingen van bovengenoemde richtlijnen.		
Handtekening:		Datum: 11/10/07
Verklaringnummer: 00156/111007		

Vaatumustenmukaisuusvakuutus		FI
<p>Ingersoll Rand Company Ltd Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK</p> <p>Desiccant Air Dryer D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M</p>		
Direktiivit	97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC	
Käytetyt standardit	EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 6100-6-1: 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001 Yleensä seuraavan standardin mukaisesti: ASMEVIII Div 1 : 2004.	
PED-arviointimenetelmä: PED-säännösten ilmoitettu laitos:	Moduuli B & D Lloyds Register of Shipping 71 Fenchurch St. London EC3M 4BS LDS 9900792/5	
EY-tyyppihväksynnän sertifikaatti:	LDS 9900792/5	
Valtuutettu edustaja	H. Seddon Laatupäällikkö Ingersoll Rand Company Ltd	
Vakuutus		
Valtuutettuna edustajana vakuutan, että yllä olevat tiedot, jotka liittyvät tämän tuotteen toimittamiseen tai valmistamiseen, ovat standardien ja muiden asiaan liittyvien asiakirjojen mukaisia ja noudattavat yllä mainittuja direktiivejä.		
Allekirjoitus:		Päiväys: 11/10/07
Vakuutuksen numero: 00156/111007		

Konformitätserklärung		DE
<p>Ingersoll Rand Company Ltd Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK</p> <p>Desiccant Air Dryer D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M</p>		
Richtlinien	97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC	
Angewandte Normen	EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 6100-6-1: 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001 Allgemein in Übereinstimmung mit ASMEVIII Div 1 : 2004.	
Beurteilungsrouten der Druckgeräterichtlinie: Benannte Stelle für die Druckgeräterichtlinie:	Modul B & D Lloyds Register of Shipping 71 Fenchurch St. London EC3M 4BS LDS 9900792/5	
EG-Baumusterprüfbescheinigung:	LDS 9900792/5	
Bevollmächtigter Vertreter	H. Seddon Qualitätsmanager Ingersoll Rand Company Ltd	
Erklärung		
Hiermit erkläre ich als bevollmächtigter Vertreter die Konformität der oben aufgeführten Informationen in Bezug auf die Lieferung/Herstellung dieses Produkts mit den Normen und anderen zugehörigen Dokumenten gemäß den Bestimmungen der oben genannten Richtlinien.		
Unterschrift:		Datum: 11/10/07
Nummer der Erklärung: 00156/111007		

Försäkran om överensstämmelse		SV
<p>Ingersoll Rand Company Ltd Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK</p> <p>Desiccant Air Dryer D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M</p>		
Direktiv	97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC	
Använda standarder	EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 6100-6-1: 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001 Generellt i enlighet med ASMEVIII Div 1: 2004.	
Fastställningsväg för PED: Anmält organ för PED:	Modul B & D Lloyds Register of Shipping 71 Fenchurch St. London EC3M 4BS LDS 9900792/5	
EG-intyg om typprovning:	LDS 9900792/5	
Auktoriserad representant	H. Seddon Kvalitetschef Ingersoll Rand Company Ltd	
Försäkran		
Jag försäkras, i egenskap av auktoriserad representant, att ovanstående information avseende leverans/tillverkning av denna produkt överensstämmer med standarder och övriga relaterade dokument enligt vilkoren i ovanstående direktiv.		
Underskrift:		Datum: 11/10/07
Försäkran nummer: 00156/111007		

Konformitetserklæring NO

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktiver 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Benyttede standarder EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 61000-6-1 : 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001
Hovedsakelig i samsvar med ASMEVIII div 1 : 2004.

Rute for vurdering av PED (direktivet for trykkpålågt utstyr): Modul B & D

Underrettet organ for PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

EC-typegodkjenningssertifikat: LDS 9900792/5

Autorisert representant H. Seddon
Kvalitetsleder
Ingersoll Rand Company Ltd

Erklæring

Jeg erklærer som autorisert representant at informasjonen ovenfor med hensyn til levering/produksjon av dette produktet, er i overensstemmelse med standardene og andre relaterte dokumenter ifølge bestemmelsene i direktivene ovenfor.

Signatur:  Dato: 11/10/07

Erklæring nr: 00156/111007

Declaración de conformidad ES

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Directivas 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Normas utilizadas EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 61000-6-1 : 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001
Generalmente de conformidad con ASMEVIII Div 1 : 2004.

Ruta de evaluación de la normativa PED: Módulo B & D

Organismo notificado para la normativa PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Certificado de examen CE de tipo: LDS 9900792/5

Representante autorizado H. Seddon
Director de calidad
Ingersoll Rand Company Ltd

Declaración

Como representante autorizado, declaro que la información anteriormente expuesta en relación con el suministro y/o fabricación de este producto cumple las normativas indicadas y otros documentos afines según las disposiciones de las Directivas citadas anteriormente.

Firma:  Fecha: 11/10/07

Número de declaración: 00156/111007

Overensstemmelseserklæring DA

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktiver 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Anvendte standarder EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 61000-6-1 : 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001
Generelt i overensstemmelse med ASMEVIII div. 1: 2004.

Forløb for PED-bedømmelse: Modul B & D
Notificeret organ for PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

EF-typeafprøvningsattest: LDS 9900792/5

Autoriseret repræsentant H. Seddon
Kvalitetsleder
Ingersoll Rand Company Ltd

Erklæring

Jeg erklærer hermed som autoriseret repræsentant, at ovennævnte oplysninger vedrørende levering/produktion af dette produkt er i overensstemmelse med de anførte standarder og øvrige tilknyttede dokumenter i henhold til bestemmelserne i ovenstående direktiver.

Underskrift:  Dato: 11/10/07

Erklæringsnummer: 00156/111007

Declaração de Conformidade PT

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Directivas 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Padrões utilizados EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 61000-6-1 : 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001
De forma geral em concordância com ASMEVIII Div 1 : 2004.

Percurso de Avaliação do PED: Módulo B & D
Notificado para o PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Certificado de Inspeção Tipo CE: LDS 9900792/5

Revendedor Autorizado H. Seddon
Gestor de Qualidade
Ingersoll Rand Company Ltd

Declaração

Declaro, na qualidade de representante autorizado, que as informações acima contidas referentes ao fornecimento / fabrico deste produto estão em conformidade com as normas e outros documentos relacionados, de acordo com as disposições das Directivas anteriores.

Assinatura:  Data: 11/10/07

Número da Declaração: 00156/111007

Δήλωση συμμόρφωσης EL

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Οδηγίες 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Πρότυπα που χρησιμοποιήθηκαν EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 61000-6-1 : 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001
Γενικά σε συμμόρφωση με το ASMEVIII Div 1 : 2004.

Διαδρομή αξιολόγησης για κανονισμούς PED: Ενότητα B & D
Ενήμερος οργανισμός για κανονισμούς PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Πιστοποιητικό εξέτασης τύπου EK: LDS 9900792/5

Εξουσιοδοτημένος αντιπρόσωπος H. Seddon
Διευθυντής ποιότητας
Ingersoll Rand Company Ltd

Δήλωση

Δηλώνω ως ο εξουσιοδοτημένος αντιπρόσωπος ότι οι παραπάνω πληροφορίες σε σχέση με τη διάθεση / κατασκευή αυτού του προϊόντος, συμμορφώνονται ως προς τα πρότυπα και ως προς τα άλλα σχετικά έγγραφα που συνοδεύουν τις διατάξεις των πιο πάνω οδηγιών.

Υπογραφή:  Ημερομηνία: 11/10/07

Αριθμός δήλωσης: 00156/111007

Dichiarazione di conformità IT

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direttive 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Norme utilizzate EN ISO 12100-1 : 2003, EN ISO 12100-2 : 2003, EN 61000-6-1 : 2001, EN 61000-6-2 : 2001, EN 61000-6-3 : 2001, EN 61000-6-4 : 2001, EN 61000-3-2 : 2000, EN 61000-3-3 : 1995, EN 61010-1 : 2001
Generalmente conforme a ASMEVIII Div 1 : 2004.

Procedura di valutazione PED: Modul B & D
Organismo accreditato per PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Attestato di certificazione tipo CE: LDS 9900792/5

Rappresentante autorizzato H. Seddon
Responsabile Qualità
Ingersoll Rand Company Ltd

Dichiarazione

In qualità di rappresentante autorizzato dichiaro che le informazioni di cui sopra, in merito alla fornitura/fabbricazione del prodotto in oggetto, sono conformi alle norme indicate e a qualsiasi altro documento correlati alla fornitura basato su quanto prescritto dalle direttive menzionate.

Firma:  Data: 11/10/07

Dichiarazione numero: 00156/111007

Deklaracja zgodności PL

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer
D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Dyrektywy 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC

Stosowane standardy EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 6100-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Ogólnie zgodny z ASMEVIII dział 1 : 2004.

Ścieżka potwierdzenia zgodności z PED: Moduł B & D

Organ/institucja powiadamiana na mocy PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Certyfikat badania typu WE: LDS 9900792/5

Autoryzowany przedstawiciel H. Seddon
Kierownik ds. jakości
Ingersoll Rand Company Ltd

Deklaracja

Oświadczam, jako autoryzowany przedstawiciel, że powyższe informacje dotyczące dostawy / wytworzenia niniejszego produktu są zgodne ze standardami i innymi dokumentami powiązanymi zgodnie z postanowieniami powyższych dyrektyw.

Podpis:  **Data:** 11/10/07

Numer deklaracji: 00156/111007

Vastavusdeklaratsioon ET

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer
D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktiivid 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC

Kasutatud standardid EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 6100-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Üldiselt vastavuses standardiga ASMEVIII Div 1 : 2004.

PED-vastavushinnangu jaotus: Moodul B & D
PEDist (surveadmete direktiivist) teavitatud asutus: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

EÜ tüübihindamistöönd: LDS 9900792/5

Volitatud esindaja H. Seddon
Kvaliteedijuht
Ingersoll Rand Company Ltd

Deklaratsioon

Volitatud esindajana kinnitan, et ülaltoodud teave seoses antud toote tarnimisega on vastavuses standardide ja muude seotud dokumentidega vastavalt ülaltoodud direktiivide sätetele.

Allkiri:  **Kuupäev:** 11/10/07

Deklaratsiooni number: 00156/111007

Vyhľadzenie o zhode SK

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer
D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Smernice 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC

Použité normy EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 6100-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Vo všeobecnosti v zhode s ASMEVIII oddiel 1 : 2004

Spôsob posudzovania podľa smernice PED Modül B & D
Oboznámený orgán podľa smernice PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS
Osvedčenie typovej skúšky ES LDS 9900792/5

Spĺnomocnený zástupca H. Seddon
Manaér kvality
Ingersoll Rand Company Ltd

Vyhľadzenie

Ako spĺnomocnený zástupca vyhlasujem, že informácie uvedené vyššie, sú v súvislosti s dodávkou / výrobou tohto výrobku v zhode s normami a jinými súvisiacimi dokumentmi podľa ustanovení uvedených smerníc.

Podpis:  **Dátum** 11/10/07

Číslo vyhlásenia: 00156/111007

Megfelelőségi nyilatkozat HU

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer
D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktívák 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC

Alkalmazott szabványok: EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 6100-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Általánosan a következő alapján: ASMEVIII Div 1 : 2004.

PED értékelési irányvonal PED-del kapcsolatban értesített testület: *Modulok B & D*
Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS
EC típusvizsgálati bizonyítvány: LDS 9900792/5

Hivatalos képviselő H. Seddon
Minőségügyi igazgató
Ingersoll Rand Company Ltd

Nyilatkozat

Hivatalos képviselőként kijelentem, hogy a termék szállításával / gyártásával kapcsolatos fent olvasható információk megfelelnek a fenti Direktívák előírásai szerinti szabványoknak és egyéb kapcsolódó dokumentumoknak.

Aláírás:  **Dátum:** 11/10/07

Nyilatkozat száma: 00156/111007

Prohlášení o shodě CS

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer
D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Směrnice 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC

Použité normy EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 6100-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Obecně v souladu ASMEVIII Div 1 : 2004.

Metoda stanovení shody pro tlaková zařízení (PED): Dílčí část B & D
Notifikovaný orgán pro PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS
Osvědčení o zkoušce typu ES: LDS 9900792/5

Oprávněný zástupce H. Seddon
Vedoucí kontroly kvality
Ingersoll Rand Company Ltd

Prohlášení

Jako oprávněný zástupce prohlašuji, že výše uvedené informace týkající se dodávky / výroby tohoto produktu jsou v souladu s normami a jinými souvisejícími dokumenty vyplývajícími z ustanovení výše uvedených směrnic.

Podpis:  **Datum:** 11/10/07

Číslo prohlášení: 00156/111007

Atbilstības deklarācija LV

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer
D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktīvas 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC 93/68/EEC, 92/31/EEC

Izmantotie standarti EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 6100-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Parasti saskaņā ar ASMEVIII Div 1 : 2004.

PED novērtējums : Modulis B & D
Par PED informētā organizācija Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS
EK sastādīts Eksaminācijas sertifikāts: LDS 9900792/5

Pilnvarotais pārstāvis H. Seddon
Kvalitātes nodarbes vadītājs
Ingersoll Rand Company Ltd

Deklarācija

Es kā pilnvarots pārstāvis ar šo paziņoju, ka iepriekšminētā informācija, kas attiecas uz šī produkta piegādi / ražošanu, atbilst standartiem un citiem atbilstošiem dokumentiem saskaņā ar iepriekšminētajām Direktīvām.

Paraksts:  **Datums:** 11/10/07

Deklarācijas numurs: 00156/111007

Atitikties deklaracija LT

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktyvos 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Naudoti standartai EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 61000-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Atitinka bendrasias ASMEVIII Div 1 : 2004 nuostatas

PED įvertinimo pakopa: Modulis B & D
PED notifikuoti institucija: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

EB tipo testavimo sertifikatas: LDS 9900792/5

Igaliotasis atstovas H. Seddon
Kokybės vadovas
Ingersoll Rand Company Ltd

Deklaracija

Aš, igaliotasis atstovas, patvirtinu, kad aukščiau pateikta gaminio tiekimo/pagamino informacija atitinka aukščiau nurodytus standartus ir kitą su nurodytų direktyvų nuostatomis susijusią dokumentaciją.

Parašas:  **Data:** 11/10/07

Deklaracijos numeris: 00156/111007

Uyum Beyanı TR

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktifler 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Kullanilan standartlar EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 61000-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Genelde ASMEVIII Div 1 : 2004'e uygun.

PED (Basınçlı Ekipman Direktifi) Değerlendirmesi Yolu: Modül B & D
PED için bildirimde bulunulan kuruluş: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

AT Tip İncelemesi Sertifikası: LDS 9900792/5

Yetkili Temsilci H. Seddon
Kalite Müdürü
Ingersoll Rand Company Ltd

Beyan

Yetkili temsilci olarak beyan ederim ki bu ürünün teminine / üretimine ilişkin olarak yukarıda verilen bilgiler yukarıda anılan Direktiflerin hükümlerine uyan standartlara ve ilgili başka belgelere uygundur.

İmza:  **Tarih:** 11/10/07

Beyan No: 00156/111007

Декларация соответствия RU

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Требования 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Применяемые стандарты EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 61000-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
В большинстве случаев обеспечивается соответствие стандарту ASMEVIII, Раздел 1: 2004.

Система обеспечения качества PED: Модуль B & D
Уполномоченный орган для PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Сертификат ЕС на проведение типовых испытаний: LDS 9900792/5

Уполномоченный представитель H. Seddon
Руководитель службы контроля качества
Ingersoll Rand Company Ltd

Декларация

Как уполномоченный представитель, я заявляю, что приведенная выше информация относительно поставки/производства данного продукта соответствует стандартам, другим связанным документам и положениям указанных выше требований.

Подпись:  **Дата:** 11/10/07

Номер декларации: 00156/111007

Dikjarazzjoni tal-Konformità MT

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direttivi 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Standards użati EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 61000-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Generalment f'konformità ma' ASMEVIII Div 1 : 2004.

Rotta ta' l-Assessjar tal-PED: Modulu B & D
Korp notifikat għall-PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Ċertifikat tal-KE ta' l-eżaminazzjoni tat-Tip: LDS 9900792/5

Rappreżentant Awtorizzat H. Seddon
Maniġer tal-Kwalità
Ingersoll Rand Company Ltd

Dikjarazzjoni

Niddikjara li bhala r-rappreżentant awtorizzat, l-informazzjoni ta' hawn fuq, f'dak li għandu x'jaqsam mal-forniment/manifattura ta' dan il-prodott, hija f'konformità ma' l-istandards u d-dokumenti l-oħra relatati li jsegwu d-dispożizzjonijiet tad-Direttivi msemmija hawn fuq.

Firma:  **Data:** 11/10/07

Numru tad-Dikjarazzjoni: 00156/111007

Izjava o skladnosti SL

Ingersoll Rand Company Ltd
Swan Lanne, Hindley Green, WIGAN, WN2 4EZ UK

Desiccant Air Dryer

D411M, D541M, D711M, D901M, D1101M, D1501M, D1801M, D2211M, D2991M

Direktive 97/23/EC, 2006/42/EC, 73/23/EEC, 89/336/EEC, 93/68/EEC, 92/31/EEC

Uporabljeni standardi EN ISO 12100-1 : 2003,
EN ISO 12100-2 : 2003,
EN 61000-6-1 : 2001, EN 61000-6-2 : 2001,
EN 61000-6-3 : 2001, EN 61000-6-4 : 2001,
EN 61000-3-2 : 2000, EN 61000-3-3 : 1995,
EN 61010-1 : 2001
Splošno skladno z ASMEVIII Div 1 : 2004.

Ocenjevalna pot PED: Modul B & D
Priglašeni organ za PED: Lloyds Register of Shipping
71 Fenchurch St. London
EC3M 4BS

Certifikat o tipskem pregledu ES LDS 9900792/5

Pooblaščen zastopnik H. Seddon
Direktor za kakovost
Ingersoll Rand Company Ltd

Izjava

Kot pooblaščen zastopnik izjavljam, da so zgornji podatki glede dobave/produkcije tega izdelka skladni s standardi in ostalimi sorodnimi dokumenti, ki sledijo določbam zgornjih direktiv.

Podpis:  **Datum:** 11/10/07

Številka izjave: 00156/111007



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