

14 bar

max. operating pressure

1,5 to **45** ℃

operating ambient temperature

5℃

pressure dew point

20 to 235 Nm³/h

flow rate

R134a

refrigerant

air cooled

type of cooling

DESCRIPTION

RDL dryer series utilizes a natural evolution of the RDP series. Drying is achieved on the principle of cooling which takes place inside highly efficient and ultra-compact 3 stage heat exchanger.

This series is designed with focus on essential components. Its compact size, optimized layout and innovative solutions reduce manufacturing costs whilst maintaining the same levels of reliability, quality and attention to details.

RDL dryer series is designed and manufactured with respect to the environment using recyclable materials.

APPLICATIONS

• Light industrial applications

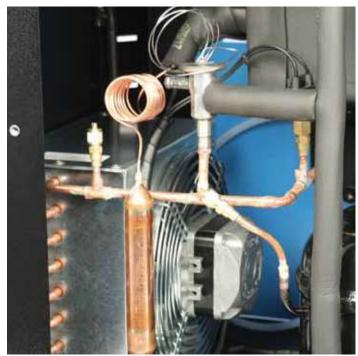
RDL SERIES REFRIGERATION COMPRESSED AIR DRYERS











TECHNICAL DATA								
Туре	Inlet flow	Power supply		Dimensions	Power input	Air connection		
	Nm³/h	Ph / V / Hz	W [mm]	L [mm]	H [mm]	W	IN and OUT	
RDL 20	20	1/230/50	358	455	604	150	G 3/8" BSP-F	
RDL 35	35	1/230/50	358	455	604	150	G 3/8" BSP-F	
RDL 50	50	1/230/50	358	455	604	180	G 3/4" BSP-F	
RDL 75	75	1/230/50	358	455	604	250	G 3/4" BSP-F	
RDL 100	100	1/230/50	358	455	604	360	G 3/4" BSP-F	
RDL 140	140	1/230/50	486	580	904	460	G 1" BSP-F	
RDL 180	180	1/230/50	486	580	904	590	G 1" BSP-F	
RDL 235	235	1/230/50	486	580	904	840	G 1" BSP-F	

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES									
Operating pressure [bar]	4	5	6	7	8	10	12	14	
Operating pressure [bar]	58	72	87	100	115	145	174	203	
Correction factor	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,27	

CORRECTION FACTOR FOR DEW POINT CHANGES								
Temperature [°C]	3	5	7	10				
Temperature [°F]	37,4	41	44,6	50				
Correction factor	0,9	1,0	1,1	1,26				

CORRECTION FACTOR FOR INLET TEMPERATURE CHANGES								
Temperature [°C]	≤25	30	35	40	45	50	55	
Temperature [°F]	77	86	95	104	113	122	131	
Correction factor	1.2	1.12	1	0.83	0.69	0.59	0.5	

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES									
Temperature [°C]	≤25	30	35	40	45				
Temperature [°F]	77	86	95	104	113				
Correction factor	1	0.96	0,9	0,82	0,72				