

**14 bar**

max. operating pressure

1,5 to 45 °C

operating ambient temperature

5°C

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								
Type	Inlet flow		Power supply	Dimensions			Power input	Air connection IN and OUT
	Nm ³ /h		Ph / V / Hz	W [mm]	L [mm]	H [mm]	W	
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