TECHNICAL DATA

Model	Air flow*		Connections IN/OUT	Supply	Power consumption**	Refrigerant R134a	Dimensions			Weight
	m³/h	scfm	ø	f/V/Hz	kW	kg	W	L	H	kg
							mm			
RDL 35	35	20,6	G 1/2" BSP-F	1~230-50*	0,17 / 0,13	0,30	236	532	665	23
RDL 75	75	44,14	G 3/4" BSP-F	1~230-50/230-60	0,40 / 0,25	0,35	236	532	665	24
RDL 100	100	58,86	G 1" BSP-F	1~230-50/230-60	0,43 / 0,29	0,37	236	532	665	30
RDL 180	180	105,94	G 1" BSP-F	1~230-50/230-60	0,52 / 0,37	0,42	236	573	763	46
RDL 235	235	138,32	G 1 1/2" BSP-F	1~230-50*	0,61 / 0,46	0,65	236	573	763	49
RDL 380	380	105,94	G 1 1/2" BSP-F	1~230-50*	1,1/0,8	0,55	288	778	826	70
RDL 480	480	138,32	G 1 1/2" BSP-F	1~230-50/230-60	1,2/1,0	0,61	288	778	826	72

* Nominal conditions: inlet flow 20 °C at 1 bara, ambient 25 °C, dryer inlet 35°C at 7 barg, 5 °C pressure dew point (-19,3 °C atmospheric).
** For 60 Hz 20 % more than stated, consumption at nominal conditions.
- Special 60 Hz version available.

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES

Operating pressure [bar]	4	5	6	7	8	10	12	13
Operating pressure [psi]	58	72	87	100	115	145	174	189
Correction factor	0,77	0,86	0,93	1,00	1,05	1,14	1,21	1,24

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 AIR 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

Data refer to the following nominal conditions: Ambient temperature of 25 °C, with inlet air at 7 barg and 35 °C and pressure dew point 5 °C in accordance to ISO8573-1 class 6.
All models are equipped with R134a refrigerant. Max. operating condition : Ambient temperature 45 °C , Inlet air temperature 55 °C and Inlet air pressure 16 barg.