

TECHNICAL DATA										
Model	Air flow*		Air connection IN / OUT	Supply f/V/Hz	Pressure drop bar	Refrigerant type	Dimensions			Mass kg
	m³/h	scfm					W mm	L mm	H mm	
RDHP 20	20	11,76	G 3/8" BSP-F	1/230/50*	<0,3	R513a	352	485	499	24
RDHP 35	35	20,59	G 3/8" BSP-F	1/230/50*	<0,3	R513a	352	485	499	24
RDHP 50	50	29,41	G 3/8" BSP-F	1/230/50*	<0,3	R513a	352	485	499	25
RDHP 75	75	44,12	G 3/8" BSP-F	1/230/50 230/60	<0,3	R513a	352	485	499	26
RDHP 100	100	58,82	G 3/8" BSP-F	1/230/50 230/60	<0,3	R513a	352	485	499	31
RDHP 140	140	82,35	G 1/2" BSP-F	1/230/50 230/60	<0,3	R513a	356	552	684	44
RDHP 180	180	105,88	G 1/2" BSP-F	1/230/50 230/60	<0,3	R513a	356	552	684	49
RDHP 235	235	138,24	G 1/2" BSP-F	1/230/50 230/60	<0,3	R513a	356	552	684	53
RDHP 300	300	176,47	G 3/4" BSP-F	1/230/50*	<0,3	R513a	495	589	827	62
RDHP 380	380	223,53	G 3/4" BSP-F	1/230/50*	<0,3	R513a	495	589	827	65
RDHP 480	480	282,35	G 1" BSP-F	1/230/50 230/60	<0,3	R513a	495	589	827	88
RDHP 600	600	352,94	G 1" BSP-F	1/230/50 230/60	<0,3	R513a	491	708	973	91
RDHP 750	750	441,18	G 1" BSP-F	1/230/50 230/60	<0,3	R513a	491	708	973	105
RDHP 950	950	558,82	G 1" BSP-F	1/230/50 230/60	<0,3	R513a	491	708	973	111
RDHP 1500	1.500	882,35	G 2" BSP-F	3/400/50 440/60	<0,3	R513a	662	856	1.534	210
RDHP 1900	1.900	1.117,65	G 2" BSP-F	3/400/50 440/60	<0,3	R513a	662	856	1.534	275
RDHP 2250	2.250	1.323,53	G 2" BSP-F	3/400/50 440/60	<0,3	R513a	662	856	1.534	286
RDHP 2850	2.850	1.676,47	DN 80	3/400/50 440/60	<0,3	R513a	662	856	1.534	320
RDHP 3800	3.800	2.235,29	DN 80	3/400/50 440/60	<0,3	R513a	702	1.010	2.013	390
RDHP 4750	4.750	2.794,12	DN 80	3/400/50 440/60	<0,3	R513a	702	1.010	2.013	410

*Nominal condition: inlet flow 20 °C at 1 bara, ambient 25 °C, dryer inlet 35 °C at 40 barg, 3 °C pressure dew point (-36,6 °C atmospheric).

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES								CORRECTION FACTOR FOR DEW POINT CHANGES				
Operating pressure [bar]	15	20	25	30	35	40	45	Temperature [°C]	3	5	7	10
Operating pressure [psi]	218	290	363	435	508	580	652	Temperature [°F]	37,4	41	44,6	50
Correction factor	0,57	0,70	0,80	0,88	0,94	1,00	1,05	Correction factor	1,00	1,09	1,19	1,37

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES								CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES					
Temperature [°C]	≤25	30	35	40	45	50	55	Temperature [°C]	≤25	30	35	40	45
Temperature [°F]	77	86	95	104	113	122	131	Temperature [°F]	77	86	95	104	113
Correction factor	1,20	1,12	1,00	0,83	0,69	0,59	0,50	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 40 barg and 35 °C and pressure dew point 3 °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.