

# High Pressure Range Refrigerated Air Dryers





## MIKROPOR SUPER DRYER DESIGNED TO LAST LONGER

Type	Flow (*)			Condenser Airflow m <sup>3</sup> /h	Power kW		Fittings (**) BSP	Noise dB	Pr Drop Bar	Dimensions (mm)			Weight kg	Drain
	l/min	m <sup>3</sup> /h	cfm		Cons.	Diss.				H	D	L		
VT 33HP	548	33	19	100	0,15	0,5	3/8"	52	0,01	338	502	363	25	1
VT 38HP	631	38	22	100	0,17	0,5	3/8"	53	0,01	338	502	363	25	1
VT 54HP	896	54	32	370	0,20	0,6	3/8"	52	0,02	338	502	363	25	1
VT 87HP	1444	87	51	340	0,22	0,7	3/4"	53	0,03	338	502	363	30	1
VT 135HP	2241	135	79	340	0,3	1,0	3/4"	51	0,05	475	677	410	47	1
VT 190HP	3154	190	112	410	0,5	1,6	3/4"	53	0,06	475	677	410	50	1
VT 218HP	3619	218	128	800	0,6	1,9	3/4"	58	0,08	475	677	410	55	1
VT 256HP	4250	256	151	980	0,7	2,3	1"	59	0,09	600	700	490	66	1
VT 355HP	5893	355	209	980	1,0	3,4	1"	63	0,14	600	700	490	75	1
VT 412HP	6839	412	242	980	1,2	4,3	1"	63	0,18	600	700	490	80	1

### VOLTAGE:

230V-1-50Hz - Option: T: 115V - 1-60 Hz(\*\*) Connection back face.

Type	Flow(*)			Flow Condenser Air m <sup>3</sup> /h	Flow Condenser Water m <sup>3</sup> /h	Power kW		Fittings	Dimensions(mm)			Weight kg	Drain
	m <sup>3</sup> /min	m <sup>3</sup> /h	cfm			Cons.	Diss.		H	D	L		
VT 461HP	8	461	271	980		1	3.4	1 1/2"	815	555	672	120	1
VT 577HP	10	577	339	980		1,2	4.3	1 1/2"	1040	700	752	150	1
VT 705HP	12	705	415	980		1,2	4.3	1 1/2"	1040	700	752	170	1
VT 904HP	15	904	532	2250		1,6	6.5	1 1/2"	1040	700	752	195	1
VT 1149HP	19	1149	676	2250		1,6	6.5	2 1/2"	1320	700	800	250	2*
VT 1305HP	22	1305	768	2250		2,1	8.5	2 1/2"	1320	700	800	280	2
VT 1648HP	27	1648	969	2250		2,1	8.5	2 1/2"	1320	700	800	350	2
VT 1873HP	31	1873	1102	5000		2,7	8.5	2 1/2"	1325	1120	1000	450	2
VT 2309HP	38	2309	1358	4800	0,7	3,4	13.6	2 1/2"	1325	1120	1000	460	2
VT 2444HP	41	2444	1438	7000	1,0	4,3	13.6	2 1/2"	1325	1120	1000	500	2
VT 2932HP	49	2932	1725	7000	1,0	4,7	15.4	DN60	1325	1120	1000	525	2

**Power Supply:** 400V - 3-50 Hz

Our super dryers have been designed for a pressure dewpoint of 3°C.

**Refrigerant:** R134a from VT 33HP to VT 2309HP, R404a from VT 2444

(\*) Flow given at 'atmospheric pressure' at 20°C (ISO 1217) in accordance with norms ISO 7183 - 8573-1 and Pneurop 6611 - Class 4-7 bar-35°C IN - 25°C ambient.

**Maximum Pressure:**

50bar

**Maximum Temperature:**

-Inlet air :70°C  
-Ambiant :60°C.

**Automatic Drain:**

-Timed drain  
-Pneumatic operated membrane valve (2).

### OPTIONS:

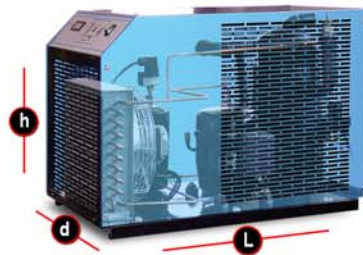
Just put following suffix requested after the reference number of the dryer.

HP : Maximum pressure 50bar. DC : Condensate drain.  
VHP : Maximum pressure 200 bar. SI : Ambient temperature until -20°C.  
V : Vacuum operated HDD : Ambient temperature until +60°C.

REP : Alarm report.

E : Water condenser.

T : Three phases power supply.



MIKROPOR

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