

# Refrigerated Air Dryers



DESIGNED BY SAGETTIN YAKAR





**SUPER DRYER**



**DESIGNED TO LAST LONGER**

Type	Flow (*)			Condenser Airflow m³/h	Power kW		Fittings (**) BSP	Noise dB	Pr Drop Bar	Dimensions (mm)								Weight kg	Drain
	l/min	m³/h	cfm		Cons.	Diss.				H	D	L	EV	EH	SV	SH			
VT 15	183	11	6.5	100	0,15	0,5	1/2"	52	0,01	338	502	363	253	178	315	104	25	1	
VT 20	264	16	9.5	100	0,17	0,5	1/2"	53	0,01	338	502	363	253	178	315	104	25	1	
VT 30	480	29	17	370	0,20	0,6	1/2"	52	0,02	338	502	363	253	178	315	104	25	1	
VT 50	732	44	25.8	340	0,22	0,7	1/2"	53	0,03	338	502	363	253	178	315	104	30	1	
VT 70	1140	68	40	370	0,2	0,5	3/4"	52	0,02	475	677	410	352	234	435	148	43	1	
VT 100	1620	97	57	340	0,3	1,0	3/4"	51	0,05	475	677	410	352	234	435	148	47	1	
VT 130	2220	133	78.2	410	0,5	1,6	3/4"	53	0,06	475	677	410	352	234	435	148	50	1	
VT 160	2580	155	91.1	800	0,6	1,9	3/4"	58	0,08	475	677	410	352	234	435	148	55	1	
VT 220	3600	216	127	980	0,7	2,3	1 1/4"	59	0,09	600	700	490	442	309	547	204	66	1	
VT 270	4500	270	158.8	980	1,0	3,4	1 1/4"	63	0,14	600	700	490	442	309	547	204	75	1	
VT 330	5400	324	190.5	980	1,2	4,3	1 1/4"	63	0,18	600	700	490	442	309	547	204	80	1	

**VOLTAGE:**

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

Type	Flow(*)			Flow Condenser Air m³/h	Flow Condenser Water m³/h	Power kW		Fittings	Dimensions(mm)								Weight kg	Drain
	m³/min	m³/h	cfm			Cons.	Diss.		H	D	L	EV	EH	SV	SH			
VT 430	7,2	432	254.1	980		1	3.4	1" 1/2	815	555	672	726	435	435	572	120	1	
VT 500	8,4	504	296.5	980		1.2	4.3	2"	1040	700	752	942	600	600	652	150	1	
VT 630	10,5	630	370.6	980		1.2	4.3	2"	1040	700	752	905	600	600	652	170	1	
VT 870	14,4	864	508.2	2250		1.6	6.5	2"	1040	700	752	905	600	600	652	195	1	
VT 950	15,6	936	550.6	2250		1.6	6.5	3"	1320	700	800	1027	319	1232	97	250	2*	
VT 1100	18,3	1098	645.9	2250		2.1	8.5	3"	1320	700	800	1027	319	1232	97	280	2	
VT 1300	21	1260	741.1	2250		2.1	8.5	3"	1320	700	800	1027	319	1232	97	350	2	
VT 1500	24	1440	847	5000		2.7	8.5	3"	1325	1120	1000	1010	350	1215	128	450	2	
VT 1700	28,5	1710	1005.9	4800	0,7	3.4	13.6	3"	1325	1120	1000	1010	350	1215	128	460	2	
VT 2100	34,8	2088	1228.2	7000	1,0	4.3	13.6	3"	1325	1120	1000	1010	350	1215	128	500	2	
VT 2300	38,4	2304	1355.2	7000	1,0	4.7	15.4	3"	1325	1120	1000	1010	350	1215	128	525	2	
VT 2700	44,4	2664	1567	6600	1,2	5.2	18.0	4"	1325	1120	1120	695	970	1196	970	560	2	
VT 3200	52,2	3132	1842.3	6000	1,6	6.1	20.6	4"	1325	1120	1120	695	970	1196	970	600	2	
VT 4100	67,8	4068	2392.9	7600	2	7.2	27.5	4"	1800	1120	1120	695	970	1196	970	770	2	
VT 4700	78	4680	2752.9	16600	4,5	8.4	30.3	DN 150	1800	1120	1120	695	970	1196	970	820	2	
VT 5600	93	5580	3282.3	16100	3,15	10.1	36.7	DN 150	1800	1120	1120	695	970	1196	970	940	2	
VT 6300	105	6300	3705.9	16100	4,15	12.1	43.5	DN 150	1800	1120	1120	695	970	1196	970	1000	2	
VT 7200	120	7200	4235.3	16100	3,85	14	49.5	DN 150	1800	1120	1120	695	970	1196	970	1050	2	

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

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

**Refrigerant:** R134a from VT 15 to1700, R404a from VT 2100

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

**Maximum Pressure:**

- With manual drain :40bar
- With automatic drain :16bar.

**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 40bar.
- VHP** : Maximum pressure 200 bar.
- V** : Vacuum operated

- DC** : Condensate drain.
- SI** : Ambient temperature untill -20°C.
- HDD** : Ambient temperature untill +60°C.

- REP** : Alarm report.
- E** : Water condenser.
- T** : Three phases power supply.



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