

# DRYER VT TYPE



**DRYTEC** S.A.

« REFRIGERANT DRYERS FOR COMPRESSED AIR »

## TECHNICAL SPECIFICATIONS

Model Name	Accepted Flow		Cond. Flow M <sup>3</sup> /Hr	Power KW	In/Out inches	Noise dB	Pr Drop Bar	Dimension in cm			Weighth Kgs	Refrigerant	Power Supply
	M <sup>3</sup> /Min	M <sup>3</sup> /Hr						Heighth	Depth	Width			
VT 15	0,183	11	100	0.15	1/2"	52	0.01	34	50	36	32	R 134a	230-1-50
VT 20	0,264	16	100	0.17	1/2"	53	0.01	34	50	36	32	R 134a	230-1-50
VT 30	0,48	29	370	0.20	1/2"	52	0.02	34	50	36	32	R 134a	230-1-50
VT 50	0,732	44	340	0.22	1/2"	53	0.03	34	50	36	32	R 134a	230-1-50
VT 70	1,14	68	370	0.2	3/4"	52	0.02	48	68	41	64	R 134a	230-1-50
VT 100	1,62	97	340	0.3	3/4"	51	0.05	48	68	41	68	R 134a	230-1-50
VT 130	2,22	133	410	0.5	3/4"	53	0.06	48	68	41	71	R 134a	230-1-50
VT 160	2,58	155	800	0.6	3/4"	58	0.08	48	68	41	77	R 134a	230-1-50
VT 220	3,6	216	980	0.7	1" 1/4	59	0.09	60	70	49	88	R 134a	230-1-50
VT 270	4,5	270	980	1.0	1" 1/4	63	0.14	60	70	49	97	R 134a	230-1-50
VT 330	5,4	324	980	1.2	1" 1/4	63	0.18	60	70	49	92	R 134a	230-1-50
VT 430	7,2	432	980	1	1" 1/4	63	0.22	85	56	67	136	R 134a	230-1-50
VT 500	8,4	504	980	1.2	2"	63	0.32	110	70	75	169	R 134a	230-1-50
VT 630	10,5	630	980	1.2	2"	63	0.18	110	70	75	189	R 134a	230-1-50

VT 870	14,4	864	2250	1.6	2"	75	0.22	110	70	75	214	R 134a	400-3-50
VT 950	15,6	936	2250	1.6	3"	75	0.28	132	70	80	274	R 134a	400-3-50
VT 1100	18,3	1098	2250	2.1	3"	77	0.37	132	70	80	304	R 134a	400-3-50
VT 1300	21	1260	2250	2.1	3"	77	0.22	132	70	80	374	R 134a	400-3-50
VT 1500	24	1440	5000	2.7	3"	78	0.29	133	112	100	480	R 134a	400-3-50
VT 1700	28,5	1710	4800	3.4	3"	79	0.40	133	112	100	490	R 134a	400-3-50
VT 2100	34,8	2088	7000	4.3	3"	84	0.34	133	112	100	530	R 404a	400-3-50
VT 2300	38,4	2304	7000	4.7	3"	84	0.41	133	112	100	555	R 404a	400-3-50
VT 2700	44,4	2664	6600	5.2	4"	84	0.35	133	112	140	597	R 404a	400-3-50
VT 3200	52,2	3132	6000	6.1	4"	84	0.34	133	112	140	637	R 404a	400-3-50
VT 4100	67,8	4068	7600	7.2	4"	87	0.42	180	112	140	807	R 404a	400-3-50
VT 4700	78	4680	16600	8.4	DN150	93	0.42	191	112	180	866	R 404a	400-3-50
VT 5600	93	5580	16100	10.1	DN150	93	0.39	191	112	180	986	R 404a	400-3-50
VT 6300	105	6300	16100	12.1	DN150	87	0.41	191	112	180	1046	R 404a	400-3-50
VT 7200	120	7200	16100	14	DN150	87	0.45	180	112	220	1096	R 404a	400-3-50

Our flow are given in accordance to Pneurop 6611 Class 4  
 All dryers are equipped with standard timed drain  
 Maximum service pressure: 16 bars  
 Values are given only for information and are not contractual

### OPTIONS Available

- Energy saver – computerised pilot
- 60 Hz power supply
- Water cooling condenser for high inlet or ambient temperature
- Free of potential contact
- High pressure dryers up to 50 bars
- Zero-loss drain

Correction factor applicable

Inlet temperature in °C	30	35	40	45	50	60
Factor F1	0.85	1.00	1.18	1.39	1.67	-
Ambient temperature in °C	22	25	30	35	40	43
Factor F2	1.00	1.00	1.07	1.14	1.22	1.28
Service Pressure in Bars	4	7	10	12	14	16
Factor F3	1.25	1.00	0.90	0.86	0.82	0.80

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Corrected flow = Requested flow x F1 x F2 x F3