COMPRESSED AIR EQUIPMENT

Air compressors, Gas generators and compressed air treatment

KOMPRESSOR TEKNIK ML AB

– del av INSTALCO

INDEX

KTS-V 5-75 kW PM

Rotary Screw Air Compressor

KOMPRESSOR TEKNIK ML AB
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KTSV SERIES PM

Oil Injected, Direct Coupled, Variable Speed
Rotary Screw Air Compressors

Model	Pressure		Capacity*				Motor	Connection	Dimensions [Length x Width x Height] (mm)		Weight (kg)		Air Receiver	Noise
			Minimum		Maximum									
	bar	psi	m³/min	cfm	m³/min	cfm	kW/HP		Base Mounted	Tank + Dryer	Base Mounted	Tank + Dryer		dB (A)
KTS-V 5pm	7,5	110	0,27	9,5	0,91	32,1	5,5/7	G1/2"	755 x 630 x 1100	1870 x 680 x 1600	153	316	250L	63
	8,5	125	0,28	9,9	0,83	29,3								
	10	145	0,25	8,8	0,71	25,1								
	13	190	0,25	8,8	0,53	18,7								
KTS-V 7pm	7,5	110	0,32	11,3	1,24	43,9	7,5/10	G1/2"	755 x 630 x 1100	1870 x 680 x 1600	153	335	250L	64
	8,5	125	0,31	10,9	1,13	39,8								
	10	145	0,27	9,5	1,00	35,3								
	13	190	0,42	14,8	0,74	26,2								
KTS-V 11pm	7,5	110	0,58	20,5	2,01	70,9	11/15	G3/4"	835 x 730 x 1200	1870 x 730 x 1700	210	394	250L	69
	8,5	125	0,56	19,8	1,89	66,8								
	10	145	0,54	19,1	1,69	59,6								
	13	190	0,51	18,0	1,13	39,8								
KTS-V 15pm	7,5	110	0,75	26,5	2,5	88,3	15/20	G3/4"	835 x 730 x 1200	1870 x 730 x 1700	236	423	250L	69
	8,5	125	0,73	25,8	2,3	81,3								
	10	145	0,6	21,2	1,94	68,4								
	13	190	0,59	20,8	1,36	48								
KTS-V 18pm	7,5	110	0,81	28,6	3,4	120	18,5/25	G1"	870 x 905 x 1400	2150 x 1225 x 1950	350	766	2x270L	64
	8,5	125	0,77	27,2	3,2	113								
	10	145	0,72	25,4	2,83	99,8								
	13	190	0,66	23,3	2,39	84,5								
KTS-V 22pm	7,5	110	1,08	38,1	3,9	138	22/30	G1"	870 x 905 x 1400	2150 x 1225 x 1950	338	759	2x270L	68
	8,5	125	0,97	34,3	3,66	129								
	10	145	0,99	35,0	3,26	115								
	13	190	0,92	32,5	2,65	93,4								
KTS-V 30pm	7,5	110	1,36	48,0	5,61	198	30/40	G1 1/2"	1030 x 935 x 1400	-	468	-	-	70
	8,5	125	1,32	46,6	5,2	184								
	10	145	1,32	46,6	4,73	167								
	13	190	1,2	42,4	3,87	137								
KTS-V 37pm	7,5	110	1,84	65,0	6,64	235	37/50	G1 1/2"	1030 x 935 x 1400	-	475	-	-	73
	8,5	125	1,71	60,4	6,27	221								
	10	145	1,51	53,3	5,55	196								
	13	190	1,31	46,3	4,54	160								
KTS-V 45pm	7,5	110	1,42	50,6	8,43	298	45/60	G1 1/2"	1095 x 1300 x 1600	-	773	-	-	73
	8,5	125	1,41	49,8	7,93	280								
	10	145	1,37	48,4	7,22	255								
	13	190	-	-	-	-								
KTS-V 55pm	7,5	110	2,5	88,3	10,42	368	55/75	G1 1/2"	1095 x 1300 x 1600	-	860	-	-	74
	8,5	125	2,44	86,2	9,65	341								
	10	145	2,42	85,5	8,76	310								
	13	190	-	-	-	-								
KTS-V 75pm	7,5	110	3,42	121	14,58	515	75/100	G 2"	1295 x 1400 x 1700	-	765	-	-	75
	8,5	125	3,31	117	13,92	492								
	10	145	3,25	115	12,76	451								
	13	190	-	-	-	-								

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KTS DS /VSD 22-75 kW

Rotary Twin Stage Screw Compressor

KOMPRESSOR TEKNIK ML AB
– del av INSTALCO

KTS DS/VSD SERIES 22-75kW

Next generation compact compressors maximize your energy saving, minimize your total cost of ownership.

Model	Pressure		Capacity*				Motor Power	Connection Size	Dimensions (mm)			Weight	Noise
	Minimum				Maximum								
	bar	psi	m³/min	cfm	m³/min	cfm	kW/hp		Length	Width	Height	kg	dB (A)
KTS 22 DS VSD	7,5	110	1,02	36	4,32	153	22/30	G 1 1/4"	955	1095	1580	750	72
	8,5	125	1,04	37	4,15	147			955	1095	1580		
	10	145	1,03	36	3,75	132			955	1095	1580		
KTS 30 DS VSD	7,5	110	1,63	58	6,30	222	30/40	G 1 1/4"	955	1095	1580	875	72
	8,5	125	1,60	57	5,86	207			955	1095	1580		
	10	145	1,57	55	5,36	189			955	1095	1580		
KTS 37 DS VSD	7,5	110	1,77	63	7,69	272	37/50	G 1 1/2"	1195	1250	1860	1220	71
	8,5	125	1,77	63	7,20	254			1195	1250	1860		
	10	145	1,76	62	6,46	228			1195	1250	1860		
KTS 45 DS VSD	7,5	110	2,30	81	9,17	324	45/60	G 1 1/2"	1195	1250	1860	1400	72
	8,5	125	2,28	80	8,60	304			1195	1250	1860		
	10	145	2,27	80	7,90	279			1195	1250	1860		
KTS 55 DS VSD	7,5	110	2,60	92	11,51	406	55/75	G 2"	1400	1450	1965	1620	72
	8,5	125	2,54	90	10,76	380			1400	1450	1965		
	10	145	2,53	89	9,46	334			1400	1450	1965		
KTS 75 DS VSD	7,5	110	3,51	124	16,01	565	75/100	G 2"	1400	1450	1965	1850	72
	8,5	125	3,63	128	15,28	540			1400	1450	1965		
	10	145	3,57	126	13,22	467			1400	1450	1965		

Model	Pressure		Capacity*		Motor Power	Connection Size	Dimensions (mm)			Weight	Noise
	bar	psi	m³/min	cfm	kW/hp		Length	Width	Height	kg	dB (A)
KTS 22 DS	7,5	110	3,93	139	22/30	G 1 1/4"	990	1670	1580	1055	70
	8,5	125	3,36	119							
	10	145	3,39	120							
	13	190	2,54	90							
KTS 30 DS	7,5	110	5,91	209	30/40	G 1 1/4"	990	1670	1580	1220	70
	8,5	125	5,07	179							
	10	145	5,08	179							
	13	190	4,3	151							
KTS 37 DS	7,5	110	7,08	250	37/50	G 1 1/2"	1345	1905	1860	1790	63
	8,5	125	7,07	250							
	10	145	6,07	214							
	13	190	5,19	183							
KTS 45 DS	7,5	110	8,94	316	45/60	G 1 1/2"	1343	1905	1860	2060	63
	8,5	125	8,79	310							
	10	145	7,79	275							
	13	190	6,66	235							
KTS 55 DS	7,5	110	10,97	388	55/75	G 2"	1565	2220	1965	2220	66
	8,5	125	10,96	387							
	10	145	8,8	311							
	13	190	7,58	268							
KTS 75 DS	7,5	110	14,98	529	75/100	G 2"	1565	2220	1965	2590	70
	8,5	125	13,98	494							
	10	145	12,59	445							
	13	190	9,99	353							

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KTS DS / VSD 90-315 kW

Rotary Twin Stage Screw Compressor

KTS DS SERIES 90-315kW

Oil Injected, Direct Coupled, Fixed Speed
Rotary Twin Stage Screw Compressor

Model	Pressure		Capacity*		Motor	Connection Size	Dimensions (mm)			Weight	Noise
	bar	psi	m3/min	cfm	kW/HP		Length	Width	Height	kg	dB (A)
KTS DS 90	7,5	110	18,42	650,5	90/125	DN65	2775	1805	1926	3660	75
	8,5	125	14,65	517,4							
	10	145	14,75	520,9							
	13	190	13,51	477,1							
KTS DS 110	7,5	110	23,45	828,1	110/150	DN65	2775	1805	1926	4000	75
	8,5	125	21,65	764,6							
	10	145	18,4	649,8							
	13	190	14,5	512,1							
KTS DS 132	7,5	110	25,97	917,1	132/180	DN80	2950	1950	2000	4500	75
	8,5	125	25,95	916,4							
	10	145	23,5	829,9							
	13	190	21,6	762,8							
KTS DS 160	7,5	110	31,1	1098,3	160/220	DN80	2950	1950	2000	5000	76
	8,5	125	31,07	1097,2							
	10	145	25,35	895,2							
	13	190	25,3	893,5							
KTS DS 200	7,5	110	43,15	1523,8	200/270	DN 100	3500	2250	2350	6220	78
	8,5	125	40,52	1431							
	10	145	34,7	1225,4							
	13	190	30,5	1077,1							
KTS DS 250	7,5	110	53,27	1881,2	250/340	DN 100	3500	2250	2350	9120	79
	8,5	125	50,24	1774,2							
	10	145	42,94	1516,4							
	13	190	40,37	1425,7							
KTS DS 315	7,5	110	62,27	2199	315/430	DN 100	3500	2250	2350	9400	80
	8,5	125	54,93	1939,8							
	10	145	54,91	1939,1							
	13	190	43,91	1550,7							

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KTS DS VSD SERIES 90-315kW

Oil Injected, Direct Coupled, Variable Speed
Rotary Twin Stage Screw Compressor

Model	Pressure		Capacity*				Motor Power	Connection Size	Dimensions (mm)			Weight	Noise
			Minimum		Maximum								
	bar	psi	m3/min	cfm	m3/min	cfm	kW/hp		Length	Width	Height	kg	dB (A)
KTS DS VSD 90	7,5	110	5,27	186	18,08	638	90/125	DN65	2775	1805	1926	3835	75
	8,5	125	5,3	187	17,14	605							
	10	145	5,18	183	15,68	554							
	13	190	5,1	180	13,52	477							
KTS DS VSD 110	7,5	110	6,98	247	22,81	806	110/150	DN65	2775	1805	1926	4200	75
	8,5	125	6,83	241	21,46	758							
	10	145	6,81	240	20	706							
	13	190	6,8	240	17,2	608							
KTS DS VSD 132	7,5	110	7,85	277	27,57	974	132/180	DN80	2950	1950	2000	4675	75
	8,5	125	7,83	276	26,17	924							
	10	145	7,53	266	24,31	859							
	13	190	7,47	264	21,26	751							
KTS DS VSD 160	7,5	110	8,47	299	32,44	1146	160/220	DN80	2950	1950	2000	5300	76
	8,5	125	8,42	297	30,64	1082							
	10	145	8,4	296	28,03	990							
	13	190	8,1	286	22,14	782							
KTS DS VSD 200	7,5	110	11,79	416	42,86	1514	200/270	DN 100	3500	2250	2350	6550	78
	8,5	125	11,77	416	39,94	1410							
	10	145	11,62	410	37,01	1307							
	13	190	11,4	402	30,54	1079							
KTS DS VSD 250	7,5	110	17,14	605	51,82	1830	250/340	DN 100	3500	2250	2350	9400	79
	8,5	125	17,06	602	48,93	1728							
	10	145	16,7	590	45,68	1613							
	13	190	16,37	578	36,7	1296							
KTS DS VSD 315	7,5	110	16,8	593	61,78	2182	315/430	DN 100	3500	2250	2350	9680	80
	8,5	125	16,77	592	59,01	2084							
	10	145	16,73	591	54,97	1941							
	13	190	30,18	1066	45,73	1615							

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KOMPRESSOR TEKNIK ML AB
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KTS 5-75 kW

Rotary Screw Compressor

KTS SERIES

Oil Injected, Belt Driven, Fixed Speed
Rotary Screw Compressors

Model	Pressure		Capacity*		Motor	Connection	Dimensions [Width x Length x Height] (mm)		Weight (kg)		Air Receiver
	bar	psi	m³/min	cfm	kW/HP		Base Mounted	Tank + Dryer	Base Mounted	Tank + Dryer	
KTS 2	7,5	110	0,3	10,6	2,2/3	G1/2"	757 x 628 x 1057	1830 x 680 x 1557	165	320	250L
	8,5	125	0,28	9,9							
	10	145	0,22	7,6							
KTS 3	7,5	110	0,44	15,4	3/4	G1/2"	757 x 628 x 1057	1830 x 680 x 1557	170	325	250L
	8,5	125	0,37	13,1							
	10	145	0,28	9,7							
KTS 4	7,5	110	0,54	19,2	4/5,5	G1/2"	757 x 628 x 1057	1830 x 680 x 1557	170	325	250L
	8,5	125	0,46	16,3							
	10	145	0,37	12,9							
	13	190	0,27	9,6						350	
KTS 5	7,5	110	0,71	25,2	5,5/7,5	G1/2"	785 x 715 x 1106	1880 x 715 x 1606	205	360	250L
	8,5	125	0,63	22,3							
	10	145	0,56	19,8							
	13	190	0,4	14,1						385	
KTS 7	7,5	110	1,07	37,8	7,5/10	G3/4"	785 x 715 x 1106	1880 x 715 x 1606	230	405	250L
	8,5	125	0,96	33,9							
	10	145	0,87	30,9							
	13	190	0,63	22,4						420	
KTS 11	7,5	110	1,65	58,2	11/15	G3/4"	962 x 732 x 1200	1880 x 732 x 1700	295	470	250L
	8,5	125	1,51	53,4							
	10	145	1,35	47,8							
	13	190	1,02	35,9						495	
KTS 15	7,5	110	2,26	79,9	15/20	G3/4"	962 x 732 x 1200	1880 x 732 x 1700	315	490	250L
	8,5	125	2,11	74,5							
	10	145	2,05	72,4							
	13	190	1,48	53						515	
KTS 18	7,5	110	2,92	103	18,5/25	G3/4"	1039 x 948 x 1462	2135 x 1200 x 1980	425	835	2x270L
	8,5	125	2,7	95,5							
	10	145	2,49	87,9							
	13	190	1,85	65,2							
KTS 22	7,5	110	3,45	122	22/30	G3/4"	1039 x 948 x 1462	2135 x 1200 x 1980	465	900	2x270L
	8,5	125	3,09	112							
	10	145	3,03	107							
	13	190	2,19	77,5							
KTS 30	7,5	110	5,42	191	30/40	G1 1/4"	1135 x 1035 x 1600	-	665	-	-
	8,5	125	5,11	183							
	10	145	4,73	167							
	13	190	3,17	112							
KTS 37	7,5	110	6,29	222	37/50	G1 1/4"	1135 x 1035 x 1600	-	725	-	-
	8,5	125	5,9	208							
	10	145	5,37	189							
	13	190	4,08	144							
KTS 45	7,5	110	7,46	263	45/60	G1 1/2"	1345 x 1150 x 1800	-	1030	-	-
	8,5	125	7,18	253							
	10	145	6,75	238							
	13	190	4,83	170							
KTS 55	7,5	110	9,19	324	55/75	G1 1/2"	1345 x 1150 x 1800	-	1130	-	-
	8,5	125	8,6	304							
	10	145	7,88	278							
	13	190	6,11	216							
KTS 75	7,5	110	12,43	439	75/100	G2	1600 x 1191 x 1900	-	1565	-	-
	8,5	125	11,86	419							
	10	145	10,83	382							
	13	190	8,39	296							

KOMPRESSOR TEKNIK ML AB
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KTS D 22-315kW

Rotary Screw Air Compressors

KTS D SERIES

Oil Injected, Direct Coupled

Rotary Screw Air Compressors

Model	Pressure		Capacity*		Motor	Connection	Dimensions			Weight
	bar	psi	m³/min	cfm	kW/HP		Width (mm)	Length (mm)	Height (mm)	kg
KTS 22 D	7,5	110	4	141	22/30	G 1"	1280	850	1435	538
	10	145	3,6	127						
KTS 30 D	7,5	110	5,5	194	30/40	G 1 1/4"	1635	1030	1755	747
	10	145	4,5	159						
	13	190	3,9	138						
KTS 37 D	7,5	110	6,6	233	37/50	G 1 1/4"	1635	1030	1755	869
	10	145	5,6	198						
	13	190	4,6	163						
KTS 45 D	7,5	110	8,5	300	45/60	G 1 1/2"	2065	1200	1810	1203
	10	145	7,1	251						
	13	190	5,9	208						
KTS 55 D	7,5	110	9,8	346	55/75	G 1 1/2"	2065	1200	1810	1387
	10	145	8,7	307						
	13	190	7	247						
KTS 75 D	7,5	110	12,6	445	75/100	G 1 1/2"	2065	1200	1810	1424
	10	145	11	388						
	13	190	9,2	325						
KTS 90 D	7,5	110	16,2	572	90/125	G 2"	2525	1440	2040	2240
	10	145	13,7	484						
	13	190	11,2	396						
KTS 110 D	7,5	110	19,5	688	110/150	G 2"	2525	1440	2040	2640
	10	145	17,9	632						
	13	190	14	494						
KTS 132 D	7,5	110	23,4	826	132/180	G 2 1/2"	2775	1805	2000	2970
	10	145	20	706						
	13	190	16,5	583						
KTS 160 D	7,5	110	28	989	160/220	G 2 1/2"	2775	1805	2000	3080
	10	145	23,5	830						
	13	190	20	706						
KTS 200 D	7,5	110	37	1307	200/270	DN80	3290	2285	2455	5300
	10	145	30,8	1088						
	13	190	24,5	865						
KTS 250 D	7,5	110	45	1590	250/340	DN100	3315	2285	2455	5600
	10	145	38,6	1363						
	13	190	32,6	1151						
KTS 315 D	7,5	110	53	1872	315/430	DN100	3315	2285	2455	5920
	10	145	45,5	1607						
	13	190	39,5	1395						

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KTS-V LASER 5-37 kW PM

Rotary Screw Air Compressor

KOMPRESSOR TEKNIK MLAB
– del av INSTALCO

KTS-V LASER SERIES PM

Oil Injected, Direct Coupled, Variable Speed
Rotary Screw Air Compressors

Model	Pressure		Capacity*				Motor	Connection	Dimensions [Length x Width x Height] (mm)		Weight (kg)		Air Receiver	Noise
			Minimum		Maximum									
	bar	psi	m³/min	cfm	m³/min	cfm	kW/HP		Base Mounted	Tank + Dryer	Base Mounted	Tank + Dryer		dB (A)
KTS-V LASER pm 11	16	232	0,16	6	0,87	31	11/15	G3/4"	835 x 730 x 1200	1840 x 730 x 1700	210	376	250L	63
	20	290	0,38	13	0,78	28								
KTS-V LASER pm 15	16	232	0,28	10	1,38	49	15/20	G3/4"	835 x 730 x 1200	1870 x 680 x 1600	236	618	500L	64
	20	290	0,48	17	1,31	46						657	2x250L	
KTS-V LASER pm 18	16	232	1,38	49	2,05	72	18,5/25	G1"	870 x 905 x 1400	2010 x 700 x 2066	350	729	500L	69
KTS-V LASER pm 22	16	232	1,04	37	2,39	84	22/30	G1"	870 x 905 x 1400	2010 x 700 x 2066	358	737	500L	69
KTS-V LASER pm 30	16	232	0,70	25	3,18	112	30/40	G1 1/2"	1030 x 935 x 1400	2150 x 1225 x 1950	468	-	-	64
	20	290	0,90	32	2,54	90								
KTS-V LASER pm 37	16	232	0,88	31	3,90	138	37/50	G1 1/2"	1030 x 935 x 1400	2150 x 1225 x 1950	475	-	-	68
	20	290	0,82	29	3,19	113								

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KTS-OILFREE / VSD 37-355 kW

Rotary Screw Compressor

KOMPRESSOR TEKNIK ML AB

OILFREE SERIES

Oil-Free, Direct Coupled, Fixed Speed
Rotary Screw Compressors

Model	Pressure		Capacity *		Motor	Connection	Dimensions [Air Cooled / Water Cooled] (mm)		
	bar	psi	m^3/min	cfm	kW/HP		Width	Length	Height
OILFREE 37	7	100	6	212	37/50	G 2"	1721/1740	2588/2690	2160
	8,5	125	5,3	187					
	10	145	4,8	170					
OILFREE 45	7	100	7,5	265	45/60	G 2"	1721/1740	2588/2690	2160
	8,5	125	6,5	230					
	10	145	5,9	208					
OILFREE 55	7	100	9,4	332	55/75	G 2"	1721/1740	2588/2690	2160
	8,5	125	8,6	304					
	10	145	7,5	265					
OILFREE 75	7	100	12,7	449	75/100	G 2"	1721/1740	2588/2690	2160
	8,5	125	11,8	417					
	10	145	10,2	360					
OILFREE 90 B	7	100	15,5	547	90/125	DN80	1936/1920	3110	2450/2200
	8,5	125	13	459					
	10	145	13	459					
OILFREE 110	7	100	19,5	689	110/150	DN80	1936/1920	3110	2450/2200
	8,5	125	17,6	622					
	10	145	15,5	547					
OILFREE 132	7	100	22,3	788	132/180	DN80	1936/1920	3110	2450/2200
	8,5	125	20,9	738					
	10	145	19,4	685					
OILFREE 160	7	100	25,4	897	160/220	DN80	1936/1920	3110	2450/2200
	8,5	125	25,3	893					
	10	145	24	848					
OILFREE 185	7	100	28	989	185/250	DN80	1936/1920	3110	2450/2200
	8,5	125	28	989					
	10	145	28	989					
OILFREE 200	7	100	36	1271	200/270	DN100	2225/2220	3714/3460	2715/2450
	8,5	125	34	1200					
	10	145	28,3	999					
OILFREE 250	7	100	44,3	1564	250/340	DN100	2225/2220	3714/3460	2715/2450
	8,5	125	40,5	1430					
	10	145	35,8	1264					

- Unit performances measured in reference conditions which are 1 bar absolute air pressure, 0% relative humidity, 20°C inlet air temperature,
- 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex C standard.

OILFREE SERIES

Oil-Free, Direct Coupled, Fixed/Variable Speed
Rotary Screw Compressors

Model	Pressure		Capacity *				Motor	Connection	Dimensions [Air Cooled / Water Cooled] (mm)		
	bar	psi	Min. m^3/min	Min. cfm	Max. m^3/min	Max. cfm	kW/HP		Width	Length	Height
OILFREE 55 VSD	7	100	3,8	134	9,1	321	55/75	G 2"	1721/1740	2588/2690	2160
	8,5	125	3,7	131	8,3	293					
	10	145	3,7	131	7,5	265					
OILFREE 75 VSD	7	100	6,2	219	12,8	452	75/100	G 2"	1721/1740	2588/2690	2160
	8,5	125	6,2	219	11,9	420					
	10	145	6,2	219	11	389					
OILFREE 90 VSD	7	100	6,2	219	14,6	516	90/125	G 2"	1721/1740	2588/2690	2160
	8,5	125	6,2	219	14,2	501					
	10	145	6,2	219	13,2	466					
OILFREE 110 VSD	7	100	9,1	321	18,8	664	110/150	DN80	1936/1920	3110	2450/2200
	8,5	125	10,3	364	18,5	653					
	10	145	10,3	364	17,4	614					
OILFREE 132 VSD	7	100	10,4	367	22,2	784	132/180	DN80	1936/1920	3110	2450/2200
	8,5	125	10,4	367	21	742					
	10	145	10,3	364	19,6	692					
OILFREE 160 VSD	7	100	10,7	378	26,9	950	160/220	DN80	1936/1920	3110	2450/2200
	8,5	125	10,6	374	25,5	901					
	10	145	10,6	374	23,5	830					
OILFREE 185 VSD	7	100	14	494	29,6	1045	185/250	DN80	1936/1920	3110	2450/2200
	8,5	125	14	494	29,5	1042					
	10	145	13,9	491	27,7	978					
OILFREE 200 VSD	7	100	17,4	614	36,2	1278	200/270	DN100	2250/2220	3714/3460	2715/2450
	8,5	125	17,3	611	33,3	1176					
	10	145	17,2	607	30,4	1074					
OILFREE 250 VSD	7	100	18,9	667	44,6	1575	250/340	DN100	2250/2220	3714/3460	2715/2450
	8,5	125	18,8	664	41,3	1458					
	10	145	18,7	660	38,2	1349					

- Unit performances measured in reference conditions which are 1 bar absolute air pressure, 0% relative humidity, 20°C inlet air temperature,
- 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

NEW GENERATION

Model	Pressure		Capacity*				Motor	Connection	Air Cooled			Water Cooled		
			m³/min		cfm									
	bar	psi	Air Cooled	Water Cooled	Air Cooled	Water Cooled	kW/HP		Width x Length x Height (mm)	Weight (kg)	Noise (dB)	Width x Length x Height (mm)	Weight (kg)	Noise (dB)
OILFREE 110	7,5	100	21,6		764		110/150	DN80	3256 x 2132 x 2390	5105	77	3341,5 x 2120 x 2390	4790	75
	8,5	125	19,4		684									
	10	145	19,3		682									
OILFREE 132	7,5	100	24,1		851		132/180	DN80	3256 x 2132 x 2390	5110	73	3341,5 x 2120 x 2390	4795	72
	8,5	125	22,2		783									
	10	145	19		669									
OILFREE 160	7,5	100	26,9		949		160/220	DN80	3256 x 2132 x 2390	5175	77	3341,5 x 2120 x 2390	4860	75
	8,5	125	26,7		942									
	10	145	24,1		851									
OILFREE 200	7,5	100	37,2		1314		200/270	DN80	3506 x 2280 x 2530	6210	81	3586,5 x 1980 x 2100	6485	75
	8,5	125	36,8		1299									
	10	145	30,6		1081									
OILFREE 250	7,5	100	43		1520		250/340	DN80	3506 x 2280 x 2530	6255	82	3586,5 x 1980 x 2100	6485	75
	8,5	125	42,6		1505									
	10	145	36,5		1290									
OILFREE 315	7,5	100	57,4		2029		315/430	DN150	5590,5 x 2271 x 2705	10780	83	4392 x 2210 x 2200	8350	79
	8,5	125	57,3		2023									
	10	145	47,4		1674									
OILFREE 355	7,5	100	68,8	62,8	2430	2214	355/480	DN150	5590,5 x 2271 x 2705	10810	83	4392 x 2210 x 2200	9200	79
	8,5	125	62,4		2207									
	10	145	57		2015									

Model	Pressure		Capacity*								Motor	Connection	Air Cooled			Air Cooled		
			Minimum				Maximum											
			m³/min		cfm		m³/min		cfm									
	bar	psi	Air Cooled	Water Cooled	Air Cooled	Water Cooled	Air Cooled	Water Cooled	Air Cooled	Water Cooled	kW/HP		Width x Length x Height (mm)	Weight (kg)	Noise (dB)	Width x Length x Height (mm)	Weight (kg)	Noise (dB)
OILFREE 110 VSD	7,5	100	12,5		440		22		778		110/150	DN80	3256 x 2132 x 2390	5105	77	3341,5 x 2120 x 2390	4790	75
	8,5	125	12,5	12,2	440	432	20,9		736									
	10	145	12,4		438		19,1		675									
OILFREE 132 VSD	7,5	100	12,5		442		23,2		818		132/180	DN80	3256 x 2132 x 2390	5110	73	3341,5 x 2120 x 2390	4795	72
	8,5	125	12,4		439		22,2		784									
	10	145	12,4	12,5	438	440	20,5		726									
OILFREE 160 VSD	7,5	100	14		493		27,3		963		160/220	DN80	3256 x 2132 x 2390	5175	77	3341,5 x 2120 x 2390	4860	75
	8,5	125	13,8		488		26,6		938									
	10	145	15,4		545		24,9		878									
OILFREE 200 VSD	7,5	100	20,2		712		40,4		1427		200/270	DN80	3506 x 2280 x 2530	6210	81	3586,5 x 1980 x 2100	6485	75
	8,5	125	20		706		38,8		1370									
	10	145	19,9		702		36,1		1274									
OILFREE 250 VSD	7,5	100	19,5	19,8	690	701	43,5	44,7	1535	1578	250/340	DN80	3506 x 2280 x 2530	6255	82	3586,5 x 1980 x 2100	6485	75
	8,5	125	19,4	19,8	683	701	40,7	42,9	1438	1515								
	10	145	19,2	19,6	678	692	38,6	39,1	1364	1382								
OILFREE 315 VSD	7,5	100	33,79	33,81	1193	1194	60,3		2130		315/430	DN150	5590,5 x 2271 x 2705	11050	83	4392 x 2210 x 2200	8655	79
	8,5	125	33,65	33,71	1188	1190	55,93		1975									
	10	145	33,47	33,60	1182	1187	49,24		1739									
OILFREE 355 VSD	7,5	100	33,81		1194		68,49	63,57	2418	2245	355/480	DN150	5590,5 x 2271 x 2705	11100	83	4392 x 2210 x 2200	9510	79
	8,5	125	33,71		1190		63,39		2241									
	10	145	33,60		1187		56,3		1987									

- Unit performances measured in reference conditions which are 1 bar absolute air pressure, 0% relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex C and E standard.

KOMPRESSOR TEKNIK ML AB
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KTSS 1,5-30kW

Scroll Air Compressors

KTSS SERIES

Oil-Free, Belt Driven **Scroll Air Compressors**

	Model	Pressure		Capacity *		Motor	Connection	Dimensions [Width x Length x Height] (mm)			Weight (kg)		
		bar	psi	m³/min	cfm	kW/HP		Base Mounted	Tank Mounted	Tank + Dryer	Base Mounted	Tank Mounted	Tank + Dryer
SINGLE	KTSS 1.5-S	8	115	0,16	5,65	1,5 / 2	G 1/2"	750x731x900	1773x823x1381	1818x823x1381	195	329	372
	KTSS 2.2-S	8	115	0,24	8,48	2,2 / 3	G 1/2"	750x731x900	1773x823x1381	1818x823x1381	200	334	377
		10	145	0,2	7,06								
	KTSS 3.7-S	8	115	0,4	14,13	3,7 / 5	G 1/2"	750x731x900	1773x823x1381	1818x823x1381	220	354	397
		10	145	0,34	12,01								
	KTSS 5.5-S	8	115	0,6	21,19	5,5 / 7	G 1/2"	750x731x900	1773x823x1381	1818x823x1381	230	364	407
		10	145	0,47	16,6								
	KTSS 7.5-S	8	115	0,85	30,01	7,5 / 10	G 1/2"	750x731x900	1773x823x1381	1818x823x1428	235	369	431
		10	145	0,68	24,01								
DOUBLE	KTSS 7.5-D	8	115	0,8	28,25	(2 x 3,7) / 10	G 3/4"	1500x821x1050	1972x926x1725	-	405	590	-
		10	145	0,68	24,01								
	KTSS 11-D	8	115	1,2	42,38	11(2 x 5,5) / 15	G 3/4"	1500x821x1050	1972x926x1725	-	425	610	-
		10	145	0,94	33,2								
	KTSS 15-D	8	115	1,7	60,03	15(2 x 7,5) / 20	G 3/4"	1500x821x1050	1972x926x1725	-	440	625	-
		10	145	1,36	48,02								
TRIPLE	KTSS 11-T	8	115	1,2	42,38	(3 x 3,7) / 15	G 1"	1500x823x1840	-	-	540	-	-
		10	145	1,02	36,02								
	KTSS 16.5-T	8	115	1,8	63,57	16,5(3 x 5,5) / 22	G 1"	1500x823x1840	-	-	615	-	-
		10	145	1,41	49,79								
	KTSS 22.5-T	8	115	2,55	90,05	22,5(3 x 7,5) /30	G 1"	1500x823x1840	-	-	625	-	-
		10	145	2,04	72,04								
QUADRUPLE	KTSS 15-Q	8	115	1,6	56,5	15(4 x 3,7) / 20	G 1"	1500x823x1840	-	-	645	-	-
		10	145	1,36	48,03								
	KTSS 22-Q	8	115	2,4	84,75	22(4 x 5,5) / 30	G 1"	1500x823x1840	-	-	745	-	-
		10	145	1,88	66,39								
	KTSS 30-Q	8	115	3,4	120,07	30(4 x 7,5) / 40	G 1"	1500x823x1840	-	-	755	-	-
		10	145	2,72	96,06								

KOMPRESSOR TEKNIK ML AB
a division of INSTALCO

KTS-P/PC

Reciprocating Air Compressors

1,5-11 kW

KTS-P SERIES

Single & Double Stage, Belt Driven

Reciprocating Air Compressors

Model	Working Pressure bar	Piston Displacement l/min	Motor Power kW / HP	Air Connection	Dimensions (mm)			Weight (kg)	Air Receiver l
					Length	Width	Height		
SINGLE STAGE									
KTS-P 2-100 M	7	178	1,5/2	2 x G¼''	450	1100	820	81	100
KTS-P 3-200 M	7	290	2,2/3	2 x G¼''	450	1445	965	127	200
KTS-P 4-300	7	501	3/4	1 x G¼'' + 1 x G¾''	450	1745	1000	147	250
KTS-P 5,5-300	7	649	4/5,5	2 x G¼'' + 1 x G¾''	450	1745	1030	180	250
KTS-P 5,5-500	7	649	4/5,5	2 x G¼'' + 1 x G¾''	640	1915	1260	264	500
KTS-P 7,5-500	7	971	5,5/7,5	2 x G¼'' + 1 x G¾''	640	1915	1350	283	500
KTS-P 10-500	7	1222	7,5/10	2 x G¼'' + 1 x G¾''	640	1915	1370	297	500
KTS-P 15-500	7	1766	11/15	2 x G¼'' + 1 x G¾''	700	1840	1520	465	500
	DOUBLE STAGE								
KTS-P 3-200 MT	12,5	145	2,2/3	2 x G¼''	450	1445	965	132	200
KTS-P 4-300 T	12,5	334	3/4	1 x G¼'' + 1 x G¾''	450	1755	1000	167	250
KTS-P 5,5-300 T	12,5	324	4/5,5	2 x G¼'' + 1 x G¾''	450	1755	1030	198	250
KTS-P 5,5-500 T	12,5	324	4/5,5	2 x G¼'' + 1 x G¾''	640	1910	1255	330	500
KTS-P 7,5-500 T	12,5	647	5,5/7,5	2 x G¼'' + 1 x G¾''	640	1910	1275	350	500
KTS-P 10-500	12,5	726	7,5/10	2 x G¼'' + 1 x G¾''	700	1910	1355	365	500

KTS-PC SERIES

Single & Double Stage, Belt Driven
Reciprocating Air Compressors

Model	Working Pressure		Piston Displacement		Motor	Connection	Dimensions (mm)			Weight	Air Receiver
	bar	psi	l/min.	cfm	kW/HP		Width	Length	Height	kg	l
KTS-PC S3	8	115	410	14.5	2,2/3,0	1/2"	1531	450	1037	135	200
KTS-PC S5	8	115	607	21.4	4,0/5,5	1/2"	1830	466	1145	209	250
KTS-PC S7	8	115	1013	35.8	5,5/7,5	3/4"	1934	642	1308	308	500
KTS-PC S10	8	115	1657	58.5	7,5/10	3/4"	1926	668	1413	390	500

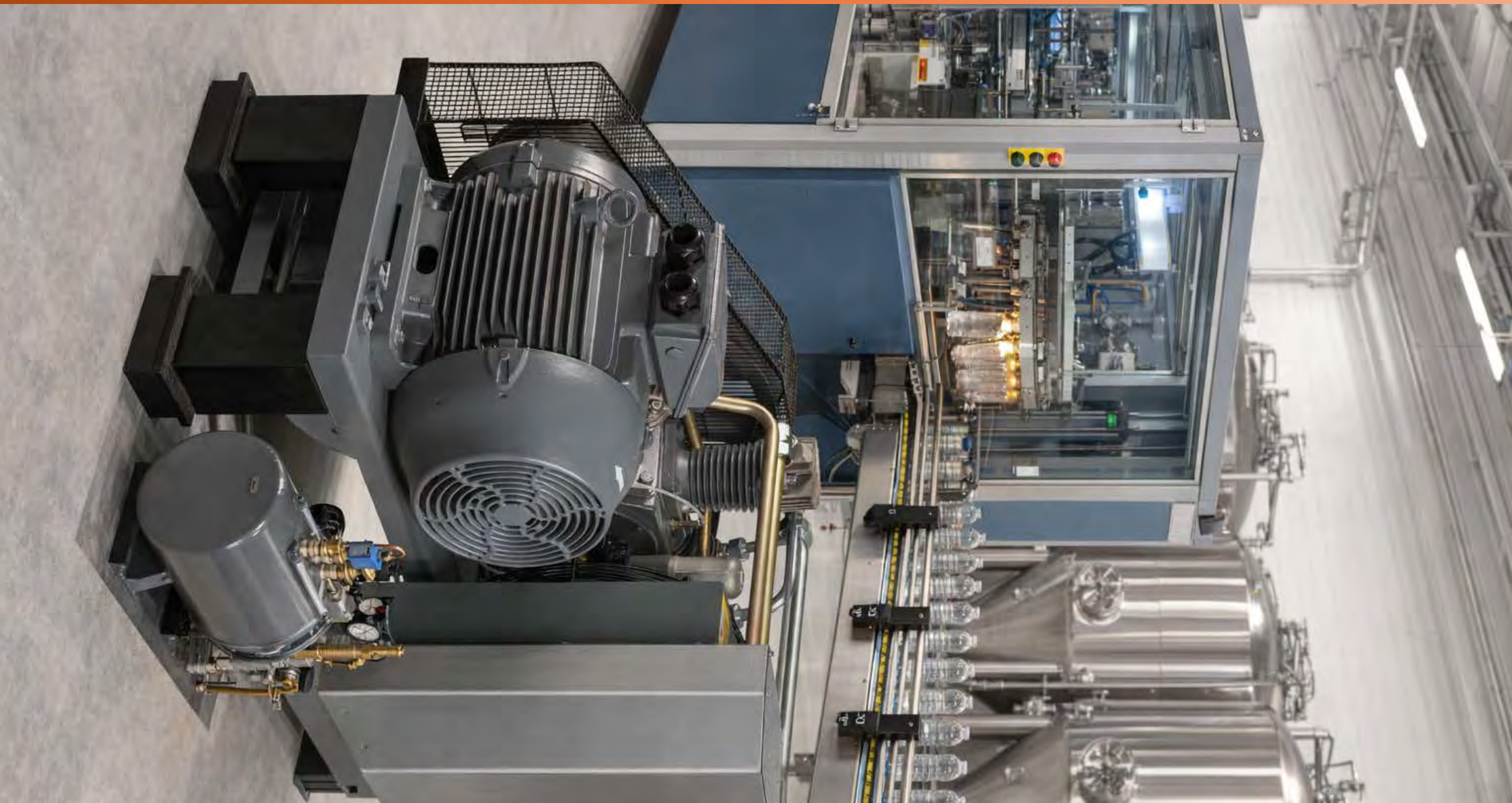
- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, 0% relative humidity, 20°C inlet air temperature,
- 71°C thermostatic valve set temperature and use of Smartoil.

KTS-BOOSTER

Reciprocating Air Compressors

7,5-30 kW

KOMPRESSOR TEKNIK ML AB
del av INSTALCO



KTS-BOOSTER SERIES

Model	Working Pressure				Inlet Capacity						Motor	Connection	Dimensions (mm)			Weight
	Minimum bar - psi		Maximum bar - psi		7 bar m³/min - cfm		10 bar m³/min - cfm		13 bar m³/min - cfm		kW/HP		Length	Width	Height	kg
KTS BOOSTER 10	15	218	40	580	2,1	74	2,89	102	3,67	130	7,5/10	1"	1286	825	753	300
KTS BOOSTER 15	15	218	40	580	2,45	87	3,37	119	4,29	152	11/15	1"	1286	825	753	300
KTS BOOSTER 20	15	218	40	580	3,71	131	5,1	180	6,49	229	15/20	1"	1357	820	758	330
KTS BOOSTER 25	15	218	40	580	4,9	173	6,73	238	8,57	303	18,5/25	1 1/4"	1423	874	736	440
KTS BOOSTER 30	15	218	40	580	5,56	196	7,65	270	9,74	344	22/30	1 1/4"	1423	881	736	523
KTS BOOSTER 40	15	218	40	580	6,68	236	9,18	324	11,68	413	30/40	1 1/4"	1423	972	736	580

KTS-BOOSTER SERIES

GP

Model	Working Pressure				Inlet Capacity						Motor	Connection	Dimensions (mm)			Weight
	Minimum bar - psi		Maximum bar - psi		7 bar m³/min - cfm		10 bar m³/min - cfm		13 bar m³/min - cfm		kW/HP		Length	Width	Height	kg
KTS BOOSTER 10 GP	15	218	40	580	2,1	74	2,89	102	3,67	130	7,5/10	1"	1430	1010	1025	389
KTS BOOSTER 15 GP	15	218	40	580	2,45	87	3,37	119	4,29	152	11/15	1"	1430	1010	1025	397
KTS BOOSTER 20 GP	15	218	40	580	3,75	132	5,15	182	6,55	231	15/20	1"	1430	1010	1025	422
KTS BOOSTER 25 GP	15	218	40	580	4,9	173	6,73	238	8,57	303	18,5/25	1 1/4"	1500	1025	957	465
KTS BOOSTER 30 GP	15	218	40	580	5,56	196	7,65	270	9,74	344	22/30	1 1/4"	1500	1025	957	535
KTS BOOSTER 40 GP	15	218	40	580	6,68	236	9,18	324	11,68	413	30/40	1 1/4"	1500	1025	957	594

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, 0% relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

KOMPRESSOR TEKNIK ML AB
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KTS-NGEN series

Nitrogen Generators

KTS-NGEN M SERIES

Modular Nitrogen Generators

Model	Free Nitrogen Delivery @ following purity level (Nm^3/h)									
	95%	97%	98%	99%	99,5%	99,90%	99,95%	99,99%	99,995%	99,999%
NGEN M 20	4,3	3,9	3,3	2,8	2,1	1,7	1,6	0,7	0,7	0,4
NGEN M 40	7	6,3	5,4	4,6	4,1	2,8	2,5	1,2	1,1	0,7
NGEN M 70	12,9	11,5	9,9	8,4	7,2	5,1	4,7	2,2	2,1	1,3
NGEN M 123	21,5	19,2	16,5	14	12,3	8,5	7,8	3,7	3,5	2,2
NGEN M 210	37	33,1	28,5	24,2	21,3	14,6	13,5	6,3	6	3,8
NGEN M 285	49,4	44,2	38	32,3	28,5	19,4	18	8,5	8	5
NGEN M 340	60,4	54,1	46,5	39,5	34,9	23,8	22	10,3	9,7	6,1
NGEN M 555	96,1	86	74	62,8	55,5	37,9	35	16,5	15,5	9,8
NGEN M 735	127,2	113,8	98	83,2	73,5	50,1	46,3	21,8	20,5	12,9
NGEN M 990	172	153,8	132,4	112,4	99,3	67,7	62,6	29,5	27,7	17,5
NGEN M 1130	197	176,2	151,7	128,7	113,7	77,6	71,7	33,7	31,8	20
NGEN M 1260	218,8	195,7	168,4	143	126,3	86,2	79,7	37,5	35,3	22,2
NGEN M 1650	286,3	256,1	220,4	187,1	165,3	112,8	104,3	49	46,2	29,1

Ambient Temperature (°C)	Correction Factor (Kt)
5	0,85
10	1
15	1
20	1
25	1
30	0,91
35	0,82
40	0,74
45	0,60

Inlet Pressure (Barg)	Correction Factor (Kp)
5	0,68
5,5	0,73
6	0,79
6,5	0,88
7	0,90
7,5	1
8	1,04
8,5	1,08
9	1,15
9,5	1,18
10	1,2

Purity (%)	Air / Nitrogen Ratio
95	1,6
97	1,6
98	1,7
99	2,1
99,5	2,4
99,9	2,8
99,95	2,9
99,99	4,8
99,995	5,8
99,999	7,4

Correction Formula: Nitrogen Delivery = Air Delivery Capacity of the Compressors / Air-Nitrogen Ratio / Kt / Kp

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KTS-NGEN SERIES

Nitrogen Generators

Model	Free Nitrogen Delivery @ following purity level (Nm³/h)									
	95%	97%	98%	99%	99,5%	99,90%	99,95%	99,99%	99,995%	99,999%
NGEN 140	32,1	26,8	24,6	16,9	13,7	10,6	9,7	5,2	4,1	3,1
NGEN 185	42,8	35,7	32,8	22,5	18,4	14,1	12,9	7	5,4	4,1
NGEN 225	52,5	43,7	40,2	27,6	22,5	17,3	15,8	8,5	6,7	5
NGEN 360	83,4	69,6	63,9	43,9	35,7	27,5	25,1	13,6	10,6	8
NGEN 475	110,4	92,1	84,6	58	47,3	36,4	33,2	18	14	10,6
NGEN 640	149,3	124,4	114,4	78,5	63,9	49,3	44,9	24,3	19	14,3
NGEN 700	171	142,5	131	89,9	73,2	56,4	51,5	27,9	21,7	16,4
NGEN 810	189,9	158,3	145,5	99,8	81,3	62,7	57,1	30,9	24,1	18,2
NGEN 1065	248,5	207,2	190,4	130,6	106,4	82	74,8	40,5	31,6	23,9
NGEN 1300	304	253,4	232,9	159,8	130,2	100,3	91,5	49,5	38,6	29,2
NGEN 1580	369,6	308,1	283,1	194,2	158,3	122	111,2	60,2	47	35,5
NGEN 1750	407,7	339,9	312,3	214,3	174,6	134,5	122,7	66,4	51,8	39,1
NGEN 1940	451,8	376,6	346,1	237,4	193,5	149,1	136	73,6	57,4	43,4
NGEN 2610	610,8	509,2	467,9	321	261,6	201,6	183,8	99,5	77,6	58,6
NGEN 3050	712,4	593,9	545,7	374,4	305,1	235	214,5	116,1	90,6	68,4
NGEN 3660	502,3	711,9	654,2	448,8	365,7	281,8	257	139,1	108,5	82
NGEN 4500	1053,3	878,1	806,9	553,6	451,1	347,6	317	171,6	133,9	101,1
NGEN 5290	1234,4	1029,1	945,6	648,8	528,7	407,4	371,5	201,1	156,9	118,5
NGEN 6100	1423,4	1186,6	1090,4	748,1	609,7	469,7	428,4	231,9	180,9	136,6
NGEN 7340	1713,5	1428,5	1312,7	900,6	733,9	565,5	515,7	279,2	217,8	164,6
NGEN 9060	2115	1763,3	1620,3	1111,6	905,9	698	636,5	344,6	268,8	203
NGEN 10780	2516,2	2097,7	1927,6	1322,4	1077,7	830,4	757,3	410	319,8	241,5
NGEN 12100	2826,2	2356	2165	1485,3	1210,4	932,6	850,5	460,5	359,2	271,3
NGEN 14780	3451,7	2877,6	2644,8	1814,1	1478,4	1139,2	1038,8	562,4	438,7	331,3

Ambient Temperature (°C)	Correction Factor (Kt)
5	0,85
10	1
15	1
20	1
25	1
30	0,91
35	0,82
40	0,74
45	0,60

Inlet Pressure (Barg)	Correction Factor (Kp)
5	0,68
5,5	0,73
6	0,79
6,5	0,88
7	0,90
7,5	1
8	1,04
8,5	1,08
9	1,15

Purity (%)	Air / Nitrogen Ratio
95	1,4
97	1,6
98	1,6
99	2,1
99,5	2,4
99,9	2,8
99,95	2,9
99,99	4,6
99,995	5,8
99,999	7,2

Correction Formula: Nitrogen Delivery = Air Delivery Capacity of the Compressors / Air-Nitrogen Ratio / Kt / Kp

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, %0 relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.

* Refers to free air delivery measured according to ISO 1217:2009, Annex E standard.

KOMPRESSOR TEKNIK MLAB
a division of INSTALCO

KTS-RD

Refrigerated air dryers

KTS-RD SERIES

MODEL	Capacity*		Connection Size	Voltage**	Refrigerant	Maximum Working Pressure	Maximum Ambient Temperature	Maximum Inlet Temperature	Included Filter and Type	Dimensions (mm)			Weight
	m³/min	cfm				bar	°C	°C		Length	Width	Height	Kg
KTS-RD 10	0,35	12	G ½"	230V/1/50 Hz	R-134a	16	50	60	55 MX+MY	423	393	567	32
KTS-RD 20	0,58	20	G ½"	230V/1/50 Hz	R-134a	16	50	60	55 MX+MY	423	393	567	32
KTS-RD 30	0,83	29	G ½"	230V/1/50 Hz	R-134a	16	50	60	55 MX+MY	423	393	567	32
KTS-RD 35	1,05	37	G ½"	230V/1/50 Hz	R-134a	16	50	60	75 MX+MY	423	393	567	35
KTS-RD 40	1,45	51	G ¾"	230V/1/50 Hz	R-134a	16	50	60	155 MX+MY	473	453	832	51
KTS-RD 50	2,17	77	G ¾"	230V/1/50 Hz	R-134a	16	50	60	155 MX+MY	473	453	832	53
KTS-RD 60	2,83	100	G ¾"	230V/1/50 Hz	R-134a	16	50	60	155 MX+MY	473	453	832	55
KTS-RD 70	3,30	117	G 1 ½"	230V/1/50 Hz	R-134a	16	50	60	405 MX+MY	553	503	874	78
KTS-RD 80	4,7	166	G 1 ½"	230V/1/50 Hz	R-134a	16	50	60	405 MX+MY	553	503	874	83
KTS-RD 90	5,9	208	G 1 ½"	230V/1/50 Hz	R-134a	16	50	60	405 MX+MY	553	503	874	86
KTS-RD 100	7,8	275	G 2"	230V/1/50 Hz	R-134a	16	50	60	805 MX+MY	678	648	1157	160
KTS-RD 110	9,8	346	G 2"	230V/1/50 Hz	R-134a	16	50	60	805 MX+MY	678	648	1157	165
KTS-RD 120	13,8	487	G 2"	230V/1/50 Hz	R-134a	16	50	60	1205 MX+MY	948	728	1370	220
KTS-RD 130	18,3	646	G 2"	230V/1/50 Hz	R-134a	16	50	60	1205 MX+MY	948	728	1370	230
KTS-RD 140	21,8	770	G 3"	400V/3/50Hz	R-134a	16	50	60	HC-1805 MX+MY	948	798	1460	270
KTS-RD 150	27,1	957	G 3"	400V/3/50Hz	R-134a	16	50	60	HC-1805 MX+MY	948	798	1460	285
KTS-RD 160	36,7	1296	G 3"	400V/3/50Hz	R-134a	16	50	60	HC-2775 MX+MY	1163	778	1725	392
KTS-RD 170	43,7	1543	G 3"	400V/3/50Hz	R-134a	16	50	60	HC-2775 MX+MY	1163	778	1725	410
KTS-RD 180	52,4	1850	DN100	400V/3/50Hz	R-134a	16	50	60	5850 MX+MY	1397	847	1770	492
KTS-RD 190	61,6	2175	DN100	400V/3/50Hz	R-134a	16	50	60	5850 MX+MY	1397	847	1770	520
KTS-RD 200	80,0	2825	DN100	400V/3/50Hz	R-134a	16	50	60	5850 MX+MY	1467	1077	1930	696
KTS-RD 210	92,0	3249	DN100	400V/3/50Hz	R-134a	16	50	60	5850 MX+MY	1467	1077	1930	718
KTS-RD 220	109,7	3874	DN150	400V/3/50Hz	R-134a	16	50	60	Not Included	2188	1062	1925	900
KTS-RD 230	123,9	4375	DN150	400V/3/50Hz	R-134a	16	50	60	Not Included	2188	1062	1925	925
KTS-RD 240	141,6	5001	DN150	400V/3/50Hz	R-134a	16	50	60	Not Included	2247	1200	2044	975
KTS-RD 250	165,2	5834	DN200	400V/3/50Hz	R-134a	16	50	60	Not Included	2247	1200	2044	1100
KTS-RD 260	196,7	6946	DN200	400V/3/50Hz	R-134a	16	50	60	Not Included	2550	1550	2100	1400

PRE FILTER (X)

Efficiency rating:
1 Micron particle removal & 0.5mg/m³ oil removal

FINE FILTER (Y)

Efficiency rating:
0.01 Micron particle removal & 0.01mg/m³ oil removal

PARTICLE FILTER (P)

Efficiency rating:
5 Micron particle removal
(removes desiccant particles after the dryer)

ACTIVATED CARBON FILTER (A)

Efficiency rating:
0.01 Micron particle removal & 0.003 mg/m³ oil removal

KT-RD Dryer Sizing Example;

If a compressor delivers 20 m3/min at 6 bar, the dryer inlet temperature is 40ºC and the ambient temperature is 30ºC, please choose your dryer as follows;

Dryer Capacity = 20 / 0.94 / 0.92 / 0.98 = 23,6 m3/min

The correct dryer model for this application is KT-RD 150

CORRECTION FACTORS FOR KT-RD AIR DRYERS:								
Inlet Temperature °C	30	35	40	45	50	60	-	-
F1	1,29	1	0,92	0,78	0,65	0,45	-	-
Ambient Temperature °C	20	25	30	35	40	50	-	-
F2	1,05	1	0,98	0,93	0,84	0,7	-	-
Pressure Bar	4	6	7	8	10	12	14	16
F3	0,80	0,94	1	1,04	1,11	1,16	1,22	1,25

KOMPRESSOR TEKNIK ML AB
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KTS-AD (MOD) 0,08-180 m³/min

Heatless adsorption dryers

KTS-AD MOD SERIES

KTS-AD Model	Max. Pressure		Capacity		Connection Size	Filter Set	Voltage	Dimensions (mm)			Weight	Controller
	bar	psi	m³/min	cfm			(V/ph/Hz)	Length	Width	Height	kg	
MOD 3	16	232	0,08	3	G 1/2"	LINE 35 MX+MY+MP	230/1/50-60	336	320	558	17	Crouzet Millenium 3
MOD 5	16	232	0,17	6	G 1/2"	LINE 35 MX+MY+MP	230/1/50-60	320	320	633	19	Crouzet Millenium 3
MOD 10	16	232	0,33	12	G 1/2"	LINE 35 MX+MY+MP	230/1/50-60	320	320	908	27	Crouzet Millenium 3
MOD 15	16	232	0,42	15	G 1/2"	LINE 35 MX+MY+MP	230/1/50-60	350	370	808	31	Crouzet Millenium 3
MOD 20	16	232	0,58	21	G 1/2"	LINE 55 MX+MY+MP	230/1/50-60	350	370	1108	42	Crouzet Millenium 3
MOD 25	16	232	0,75	26	G 1/2"	LINE 55 MX+MY+MP	230/1/50-60	350	370	1258	48	Crouzet Millenium 3
MOD 30	16	232	0,83	29	G 1/2"	LINE 55 MX+MY+MP	230/1/50-60	350	370	1508	54	Crouzet Millenium 3
MOD 40	16	232	1,17	41	G 1 1/2"	LINE 100 MX+MY+MP	230/1/50-60	495	410	1250	71	Crouzet Millenium 3
MOD 50	16	232	1,42	50	G 1 1/2"	LINE 100 MX+MY+MP	230/1/50-60	495	410	1400	78	Crouzet Millenium 3
MOD 60	16	232	1,67	59	G 1 1/2"	LINE 100 MX+MY+MP	230/1/50-60	495	410	1750	92	Crouzet Millenium 3
MOD 75	16	232	2,17	77	G 1 1/2"	LINE 150 MX+MY+MP	230/1/50-60	622	430	1300	120	Crouzet Millenium 3
MOD 100	16	232	2,83	100	G 1 1/2"	LINE 225 MX+MY+MP	230/1/50-60	622	430	1450	133	Crouzet Millenium 3
MOD 120	16	232	3,33	118	G 1 1/2"	LINE 225 MX+MY+MP	230/1/50-60	622	430	1750	152	Crouzet Millenium 3
MOD 180	16	232	5,00	177	G 1 1/2"	LINE 400 MX+MY+MP	230/1/50-60	734	410	1499	186	Crouzet Millenium 3
MOD 240	16	232	6,67	235	G 1 1/2"	LINE 500 MX+MY+MP	230/1/50-60	889	410	1497	235	Crouzet Millenium 3
MOD 340	16	232	9,6	340	2"	LINE 600 MX+MY+MP	230/1/50-60	994	400	1654	400	Crouzet Millenium 3
MOD 400	16	232	11,3	400	2"	LINE 800 MX+MY+MP	230/1/50-60	1335	400	1554	600	Crouzet Millenium 3
MOD 500	16	232	14,2	500	2"	LINE 1000 MX+MY+MP	230/1/50-60	1505	400	1654	700	Crouzet Millenium 3
MOD 590	16	232	16,7	590	2"	LINE 1000 MX+MY+MP	230/1/50-60	1675	400	1754	850	Crouzet Millenium 3
MOD 735	16	232	20,8	735	3"	LINE 1550 MX+MY+MP	230/1/50-60	1675	400	2054	950	Crouzet Millenium 3
MOD 890	16	232	25,0	890	3"	LINE 1550 MX+MY+MP	230/1/50-60	1845	400	2054	1050	Crouzet Millenium 3
MOD 1060	16	232	30,0	1060	3"	LINE 2000 MX+MY+MP	230/1/50-60	2015	400	2054	1200	Crouzet Millenium 3

CORRECTION FACTORS FOR MOD SERIES												
Pressure (bar)	4,5	5	6	7	8	9	10	11	12	13	14	15
F1	0,69	0,75	0.88	1	1,12	1,25	1,37	1,50	1,62	1,74	1,87	1,99
Inlet Temperature (°C)	20	25	30	35	40	45	50	-	-	-	-	-
F2	1	1	1	1	0,80	0,73	0,59		-	-	-	-

Correction Formula: Dryer Capacity = Air Delivery Capacity of the Compressors / F1 / F2

KTS-AD MOD Dryer Sizing Example;
If a compressor delivers 2,0 m³/min at 10 bar, the dryer inlet temperature is 40 °C. please choose your dryer as follows;

Dryer Capacity = 2,0 / 1,37 / 0,80 = 1,82 m³/min

The correct dryer model for this application is MOD 75.

PRE FILTER (X)
Efficiency rating:
1 Micron particle removal & 0.5mg/m³ oil removal

FINE FILTER (Y)
Efficiency rating:
0.01 Micron particle removal & 0.01mg/m³ oil removal

PARTICLE FILTER (P)
Efficiency rating:
5 Micron particle removal
(removes desiccant particles after the dryer)

ACTIVATED CARBON FILTER (A)
Efficiency rating:
0.01 Micron particle removal & 0.003mg/m³ oil removal

KTS-AD SERIES

Model	Max. Pressure		Capacity		Connection Size	Filters	Voltage	Dimensions (mm)			Weight	Controller
	bar	psi	m³/min	cfm			V/ph/Hz	Length	Width	Height	kg	
KTS-AD 130	10	145	2,17	77	G 1"	LINE150 MX+MY+MP	230/1/50-60	814	600	1312	160	Crouzet Millenium 3
KTS-AD 185	10	145	3,08	109	G 1"	LINE 225 MX+MY+MP	230/1/50-60	806	600	1566	180	Crouzet Millenium 3
KTS-AD 250	10	145	4,17	147	G 1"	LINE 300 MX+MY+MP	230/1/50-60	772	760	1580	200	Crouzet Millenium 3
KTS-AD 300	10	145	5,00	177	G 1 1/2"	LINE 300 MX+MY+MP	230/1/50-60	900	690	1558	250	Crouzet Millenium 3
KTS-AD 360	10	145	6,00	212	G 1 1/2"	LINE 400 MX+MY+MP	230/1/50-60	900	690	1558	250	Crouzet Millenium 3
KTS-AD 440	10	145	7,33	259	G 1 1/2"	LINE 500 MX+MY+MP	230/1/50-60	900	698	1759	340	Crouzet Millenium 3
KTS-AD 575	10	145	9,58	338	G 1 1/2"	LINE 600 MX+MY+MP	230/1/50-60	900	680	1991	500	Crouzet Millenium 3
KTS-AD 680	10	145	11,3	400	G 2"	LINE 800 MX+MY+MP	230/1/50-60	960	680	2216	535	Crouzet Millenium 3
KTS-AD 850	10	145	14,2	500	G 2"	LINE 1000 MX+MY+MP	230/1/50-60	1016	857	2277	750	Crouzet Millenium 3
KTS-AD 1000	10	145	16,7	589	G 2"	LINE 1200 MX+MY+MP	230/1/50-60	1075	1010	2386	755	Crouzet Millenium 3
KTS-AD 1250	10	145	20,8	736	DN80	LINE 1550 MX+MY+MP	230/1/50-60	1294	1100	2413	1000	Crouzet Millenium 3
KTS-AD 1500	10	145	25,0	883	DN80	LINE 1550 MX+MY+MP	230/1/50-60	1300	1010	2547	1050	Crouzet Millenium 3
KTS-AD 1800	10	145	30,0	1059	DN80	LINE 2000 MX+MY+MP	230/1/50-60	1513	1110	2479	1215	Crouzet Millenium 3
KTS-AD 2200	10	145	36,7	1295	DN80	LINE 2700 MX+MY+MP	230/1/50-60	1460	1110	2793	1550	Crouzet Millenium 3
KTS-AD 2700	10	145	45,0	1589	DN80	LINE 2700 MX+MY+MP	230/1/50-60	1533	1252	2831	1890	Crouzet Millenium 3
KTS-AD 3200	10	145	53,3	1883	DN100	LINE 3400 MX+MY+MP	230/1/50-60	1653	1212	3054	2240	Crouzet Millenium 3
KTS-AD 3600	10	145	60,0	2119	DN100	LINE 4500 MX+MY+MP	230/1/50-60	1653	1210	3268	2330	Crouzet Millenium 3
KTS-AD 4400	10	145	73,3	2590	DN100	LINE 4500 MX+MY+MP	230/1/50-60	1905	1535	2910	3000	Crouzet Millenium 3
KTS-AD 5000	10	145	83,3	2943	DN150	LINE 5400 MX+MY+MP	230/1/50-60	1843	1714	3382	3180	Crouzet Millenium 3
KTS-AD 6300	10	145	105,0	3708	DN150	LINE 6500 MX+MY+MP	230/1/50-60	2114	1693	3328	3450	Crouzet Millenium 3
KTS-AD 7200	10	145	120,0	4238	DN150	LINE 8500 MX+MY+MP	230/1/50-60	2518	1795	3047	3600	Crouzet Millenium 3
KTS-AD 8800	10	145	146,7	5179	DN150	LINE 8500 MX+MY+MP	230/1/50-60	2518	1795	3341	3850	Crouzet Millenium 3
KTS-AD 10800	10	145	180,0	6357	DN200	LINE 11000 MX+MY+MP	230/1/50-60	2583	1875	3747	4200	Crouzet Millenium 3

CORRECTION FACTORS FOR KTS-AD DRYERS							
Bar	4.5	5	6	7	8	9	10
	0,69	0,75	0,88	1	1,12	1,25	1,37
Inlet Temp. °C	20	25	30	35	40	45	50
	1	1	1	1	0,80	0,73	0,59

KTS-AD Dryer Sizing Example;
If a compressor delivers 10 m³/min at 6 bar, the dryer inlet temperature is 40 °C. please choose your dryer as follows;

Dryer Capacity = 10/0,88/0,80=49,7 m³/min

The correct dryer model for this application is KTS-AD 3200.

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KTS-AR

COMPRESSED AIR RECIEVERS

KTS-AR SERIES

AIR RECEIVERS

Model	Volume	Pressure	Configuration	Dimensions (mm)		Connection Inlet / Outlet
	L	bar		Diameter	Height	
KTS-AR 100	100	10	VERTICAL	324	1564	G 1"
		15	VERTICAL	324	1564	G 1"
KTS-AR 200	200	10	VERTICAL	450	1618	G 1"
		15	VERTICAL	450	1618	G 1"
KTS-AR 300	300	10	VERTICAL	450	1918	G ¾"
		15	VERTICAL	450	1918	G ¾"
		40	VERTICAL	450	2012	G 1"
KTS-AR 500	500	10	VERTICAL	642	1980	G 1"
		15	VERTICAL	642	1970	G 1"
		40	VERTICAL	642	2083	G 1 ¼"
KTS-AR 900	900	10	VERTICAL	800	2120	G 1 ½"
KTS-AR 1000	1000	10	VERTICAL	850	2120	G 1 ½"
		15	VERTICAL	850	2120	G 1 ½"
		40	VERTICAL	850	2120	G 1 ½"
KTS-AR 1800	1800	10	VERTICAL	1150	2150	G 2"
		15	VERTICAL	1150	2150	G 2"
KTS-AR 2000	2000	10	VERTICAL	1080	2566	G 2"
		15	VERTICAL	1080	2566	G 2"
		15	VERTICAL	1150	2240	G 2"
KTS-AR 3000	3000	10	VERTICAL	1400	2370	G 2 ½"
		15	VERTICAL	1400	2370	G 2 ½"
KTS-AR 4000	4000	10	VERTICAL	1400	3120	G 3"
		15	VERTICAL	1400	3120	G 3"
KTS-AR 5000	5000	10	VERTICAL	1400	3870	G 3"
		15	VERTICAL	1400	3870	G 3"
KTS-AR 6000	6000	10	VERTICAL	1500	3930	G 3"
		15	VERTICAL	1500	3930	G 3"
KTS-AR 8000	8000	10	VERTICAL	1750	4040	DN100
		15	VERTICAL	1750	4040	DN100
KTS-AR 10000	10000	10	VERTICAL	1900	4100	DN100
		15	VERTICAL	1900	4100	DN100

KOMPRESSOR TEKNIK ML AB
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KTS-LINE

COMPRESSED AIR FILTRATION

KTS-LINE SERIES

Model	Connection Size	Flow Rate		Max. Working Pressure (bar)	Element Model	Housing Dimensions (mm)				
		m³/min	cfm			A	B	C	D	E
LINE-35	G 1/4"	0,58	20	20	35	90	36,5	214	192	19
LINE-55	G 3/8"	0,92	32	20	55	90	36,5	251,5	230	19
LINE-70	G 1/4"	1,17	41	20	70	128	45	273	249,5	32
LINE-100	G 1/2"	1,67	59	20	100	128	45	302,5	279	32
LINE-125	G 3/4"	2,08	73	20	125	128	45	343	319,5	32
LINE-150	G 3/4"	2,50	88	20	150	140	45	369	334,5	31
LINE-225	G 1"	3,75	132	20	225	140	45	398	364,5	31
LINE-300	G 1"	5,00	177	20	300	140	45	474	432	31
LINE-400	G 1 1/2"	6,67	235	20	400	140	45	564	522	31
LINE-500	G 1 1/2"	8,33	295	20	500	151	45	511	464,5	25
LINE-600	G 2"	10,00	353	20	600	151	45	626	579,5	25
LINE-800	G 2"	13,33	471	20	800	151	45	696	649,5	25
LINE-1000	G 2 1/2"	16,67	588	20	1000	151	45	851	804,5	25
LINE-1200	G 2 1/2"	20,00	706	20	1200	151	45	976	929,5	25
LINE-1550	G 3"	25,83	912	20	1550	240	45	707	659,5	25
LINE-2000	G 3"	33,33	1177	20	2000	240	45	862	814,5	25
LINE-2700	G 3"	45	1589	20	2700	240	45	987	939,5	25
LINE 3400	DN 100	57	2013	16	3400	360	45	871	810	30
LINE 4500	DN 100	75	2649	16	4500	360	45	926	865	30
LINE 5400	DN 100	90	3178	16	5400	360	45	1070	1009	30

Head Clamping

Head clamping connects filters in series without the need for more pipes and uses connection clamps to join multiple filters together. Wall-mounting apparatus lets you fix the filters to the walls with ease.

Drainage Pipes

Drainage pipes support the flow of moisture.

Correction Factor

Multiply the model flow rate shown in the table below by the correction factor corresponding to the working pressure to calculate the maximum flow rate of the filter model.

Operating Pressure (barg)	3	5	7	9	11	13	15	16	18	20
Correction Factor	0,71	0,87	1	1,12	1,22	1,32	1,44	1,5	1,57	1,63