

4STM

Deep Well Pump



Clean Water



Civil Use

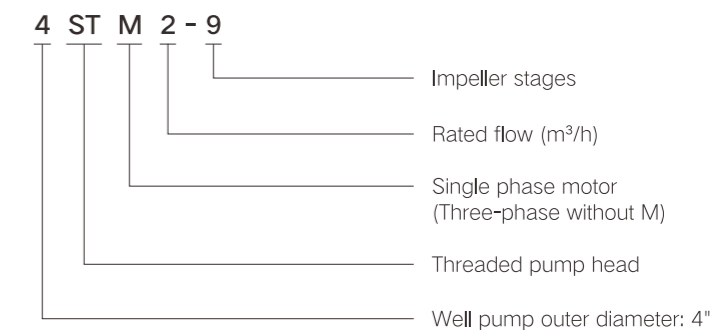


Agricultural Use



Industrial Use

Model Meaning



Fields of Application

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For garden use and irrigation

Pump Features

- Outlet: brass
- Impeller and diffusor, non-return valve: thermoplastic resin PPO

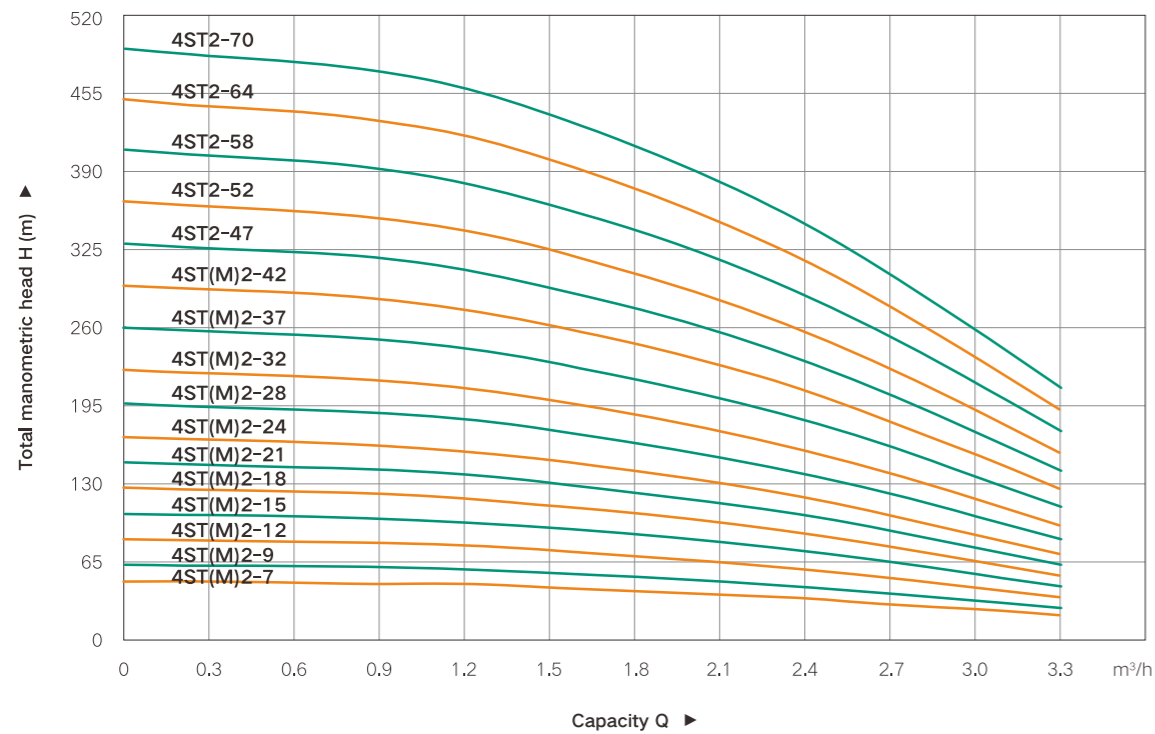
Accessories

- Control switch
- Waterproof tape

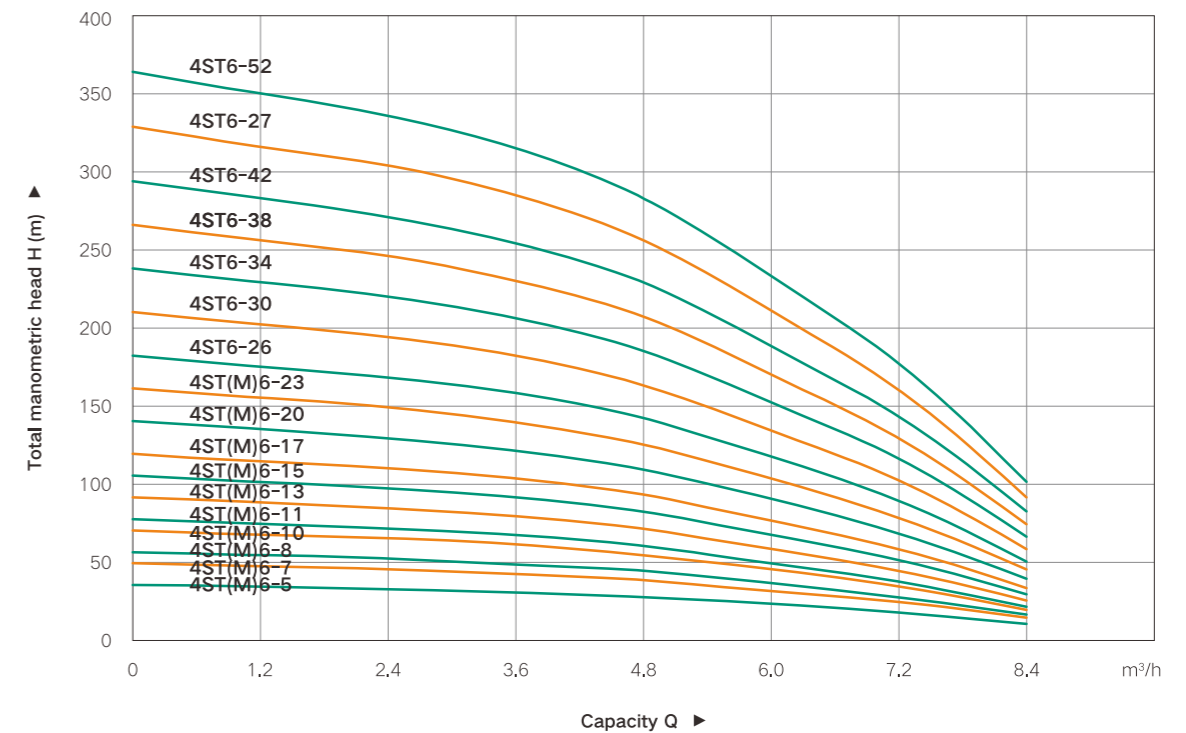
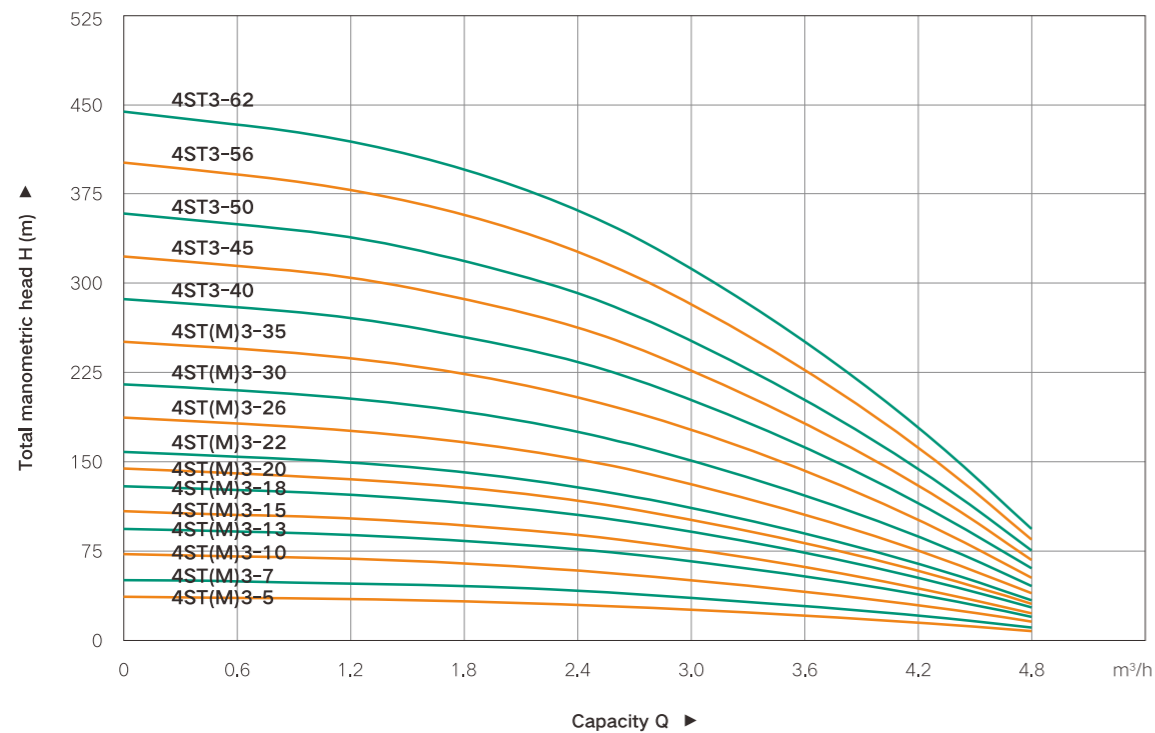
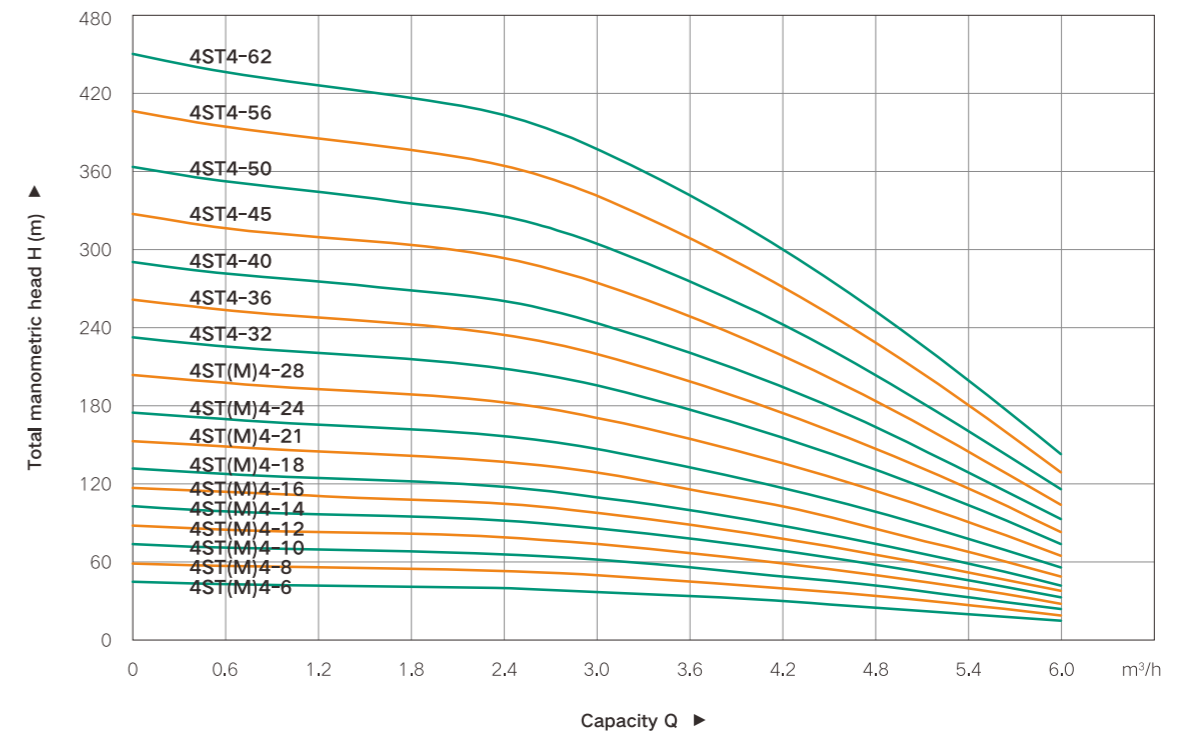
Working Conditions

- Suitable fluids: Clean, free from solid or abrasive substances. Chemically neutral and close to the characteristics of water
- Speed range: 2900 rpm
- Fluid temperature range: 0°C ~ 40°C
- Max. Working pressure: 3,5 bar
- Ambient temperature permissible up to: 50°C
- Voltage range: Single phase: 170V ~ 240V/50Hz
Three phase: 350V ~ 415V/50Hz
- Protection class: IP68
- Insulation class: F

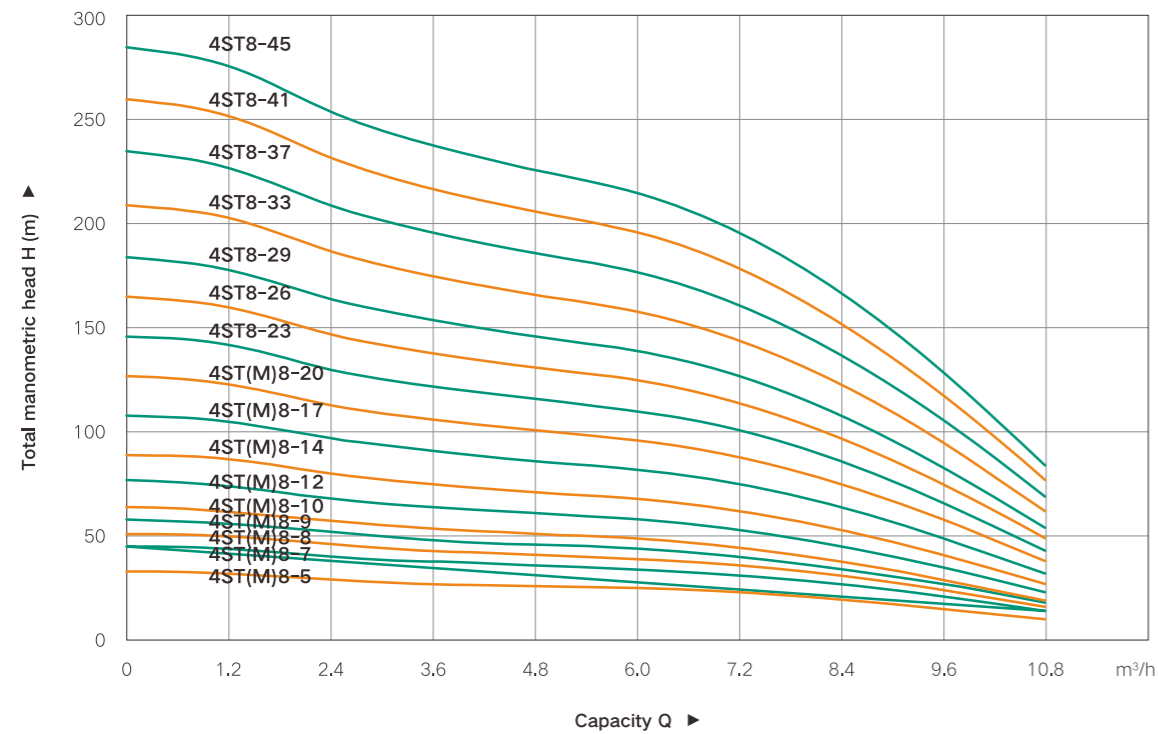
Performance Curve



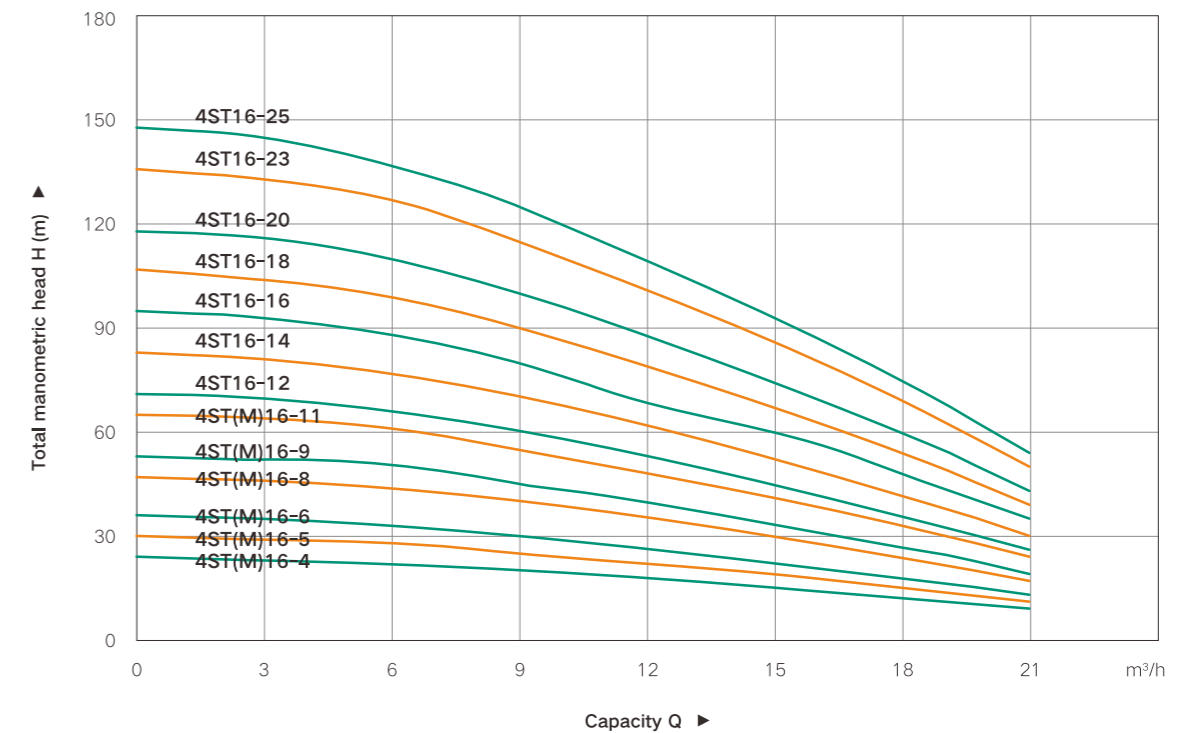
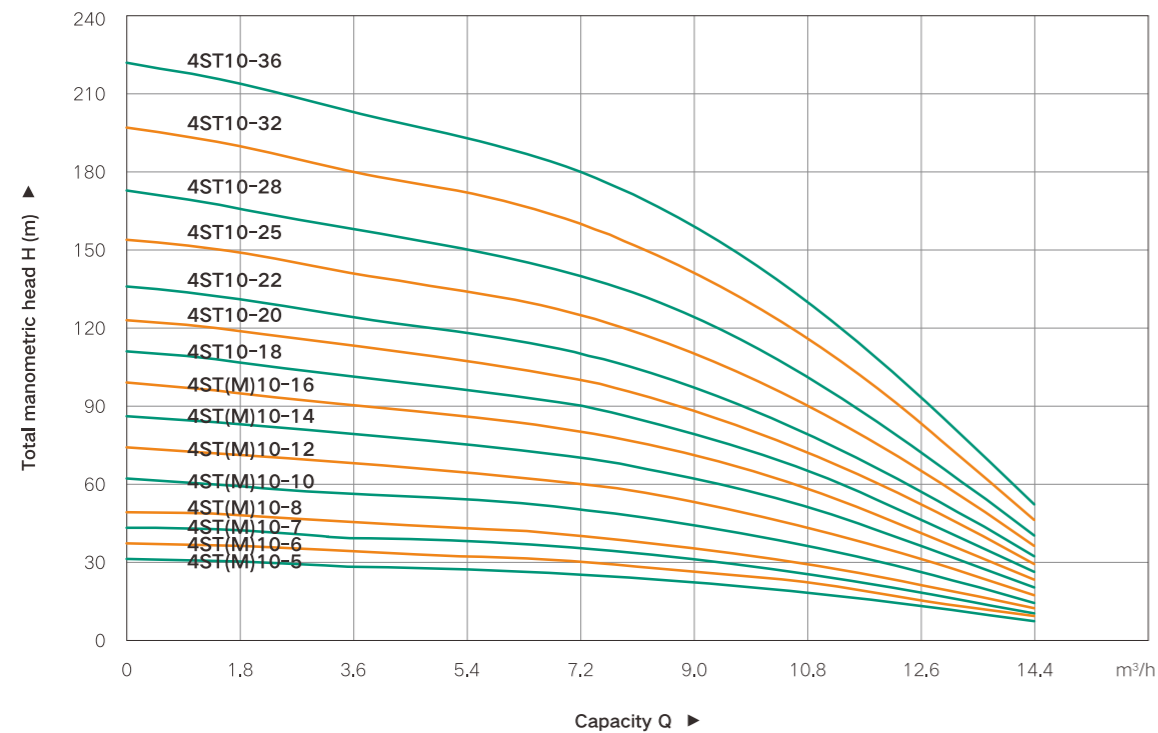
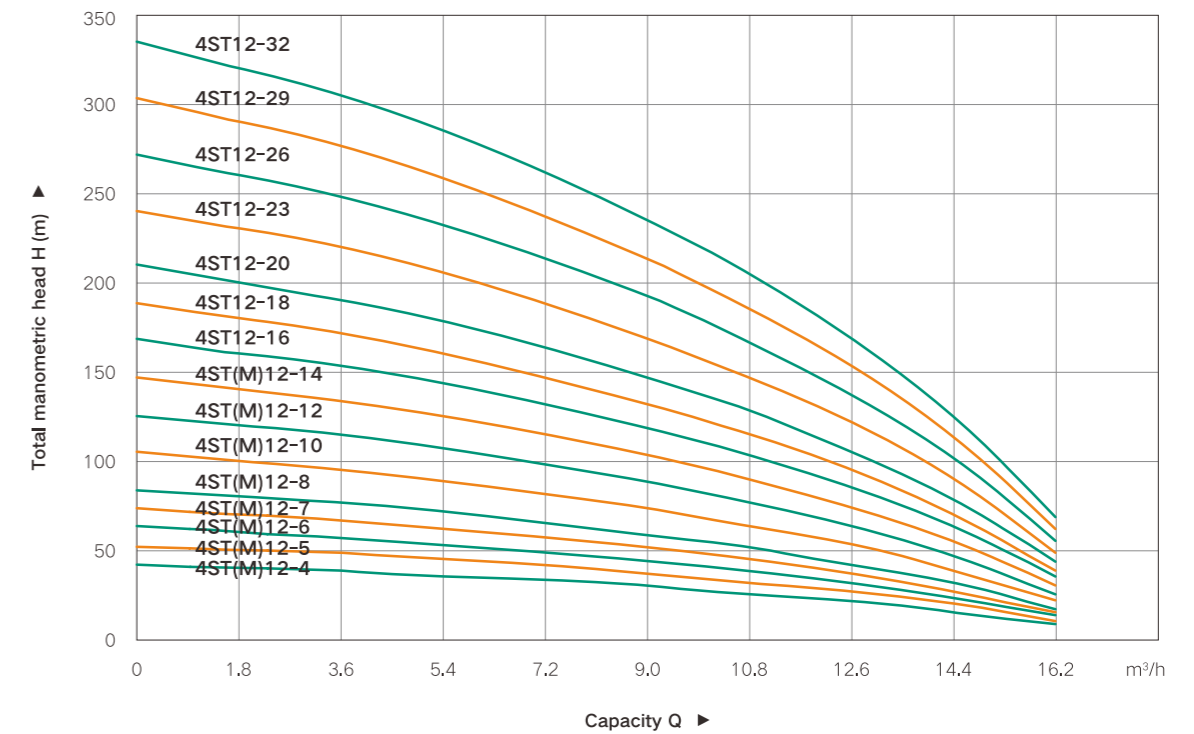
Performance Curve



Performance Curve



Performance Curve



Performance Parameters

Model		Power		Outlet	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
Single-phase	Three-phase	kW	HP	In		I/min	0	5	10	15	20	25	30	35	40	45	50
4STM2-7	4ST2-7	0.25	0.33	1.25"	H(m)	49	48	48	47	46	44	41	38	35	30	26	21
4STM2-9	4ST2-9	0.37	0.5	1.25"		63	52	62	61	59	56	53	49	44	39	33	27
4STM2-12	4ST2-12	0.55	0.75	1.25"		84	83	82	81	79	75	70	65	59	52	44	36
4STM2-15	4ST2-15	0.75	1	1.25"		105	104	103	101	98	94	88	82	74	65	55	45
4STM2-18	4ST2-18	0.9	1.25	1.25"		127	125	124	122	118	112	106	98	89	78	66	54
4STM2-21	4ST2-21	1.1	1.5	1.25"		148	146	144	142	138	131	123	114	104	91	77	63
4STM2-24	4ST2-24	1.3	1.75	1.25"		169	167	165	162	157	150	141	130	119	105	88	72
4STM2-28	4ST2-28	1.5	2	1.25"		197	194	192	189	184	175	164	152	138	122	103	84
4STM2-32	4ST2-32	1.8	2.5	1.25"		225	222	220	216	210	200	188	174	158	139	118	96
4STM2-37	4ST2-37	2.2	3	1.25"		260	257	254	250	243	231	217	200	183	161	135	111
4STM2-42	4ST2-42	2.6	3.5	1.25"		295	292	289	284	275	262	247	229	208	182	155	126
-	4ST2-47	3	4	1.25"		330	326	323	318	308	293	276	256	232	204	173	140
-	4ST2-52	3.7	5	1.25"		365	361	357	351	341	325	305	283	257	226	192	156
-	4ST2-58	4	5.5	1.25"		408	403	399	392	380	362	341	316	287	252	214	174
-	4ST2-64	5	7	1.25"		450	444	440	432	420	400	376	348	316	278	236	192
-	4ST2-70	5.5	7.5	1.25"		492	486	481	473	459	437	411	385	346	304	258	210

Model		Power		Outlet	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
Single-phase	Three-phase	kW	HP	In		I/min	0	10	20	30	40	50	60	70
4STM3-5	4ST3-5	0.25	0.33	1.25"	H(m)	36	35	34	32	29	25	20	14	7
4STM3-7	4ST3-7	0.37	0.5	1.25"		50	49	47	45	41	35	28	20	10
4STM3-10	4ST3-10	0.55	0.75	1.25"		72	70	68	64	58	50	40	29	15
4STM3-13	4ST3-13	0.75	1	1.25"		93	91	88	83	76	66	53	38	19
4STM3-15	4ST3-15	0.9	1.25	1.25"		108	105	102	96	88	76	61	43	22
4STM3-18	4ST3-18	1.1	1.5	1.25"		129	126	122	115	105	91	73	52	27
4STM3-20	4ST3-20	1.3	1.75	1.25"		144	140	135	128	117	101	81	64	33
4STM3-22	4ST3-22	1.5	2	1.25"		158	154	149	141	128	111	89	64	33
4STM3-26	4ST3-26	1.8	2.5	1.25"		187	182	176	166	152	131	105	75	39
4STM3-30	4ST3-30	2.2	3	1.25"		215	210	203	192	175	151	121	87	45
4STM3-35	4ST3-35	2.6	3.5	1.25"		251	245	237	224	204	177	142	101	52
-	4ST3-40	3	4	1.25"		287	280	271	255	234	202	162	115	60
-	4ST3-45	3.7	5	1.25"		323	315	305	287	263	227	182	130	67
-	4ST3-50	4	5.5	1.25"		359	350	339	319	292	252	202	114	75
-	4ST3-56	5	7	1.25"		402	392	379	358	327	283	227	162	84
-	4ST3-62	5.5	7.5	1.25"		445	434	420	396	362	313	251	179	93

Performance Parameters

Model		Power		Outlet	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
Single-phase	Three-phase	kW	HP	In		I/min	0	10	20	30	40	50	60	70	80	90
4STM4-6	4ST4-6	0.37	0.5	1.25"	H(m)	44	42	41	40	39	36	33	29	24	19	14
4STM4-8	4ST4-8	0.55	0.75	1.25"		58	56	55	54	52	49	44	39	33	26	18
4STM4-10	4ST4-10	0.75	1	1.25"		73	70	69	67	65	61	55	48	41	32	23
4STM4-12	4ST4-12	0.92	1.25	1.25"		87	84	82	81	78	73	66	58	49	39	27
4STM4-14	4ST4-14	1.1	1.5	1.25"		102	98	96	94	91	85	77	68	57	45	32
4STM4-16	4ST4-16	1.3	1.8	1.25"		116	113	110	107	104	97	88	77	65	51	37
4STM4-18	4ST4-18	1.5	2	1.25"		131	127	124	121	104	97	88	77	65	51	37
4STM4-21	4ST4-21	1.8	2.5	1.25"		152	148	144	141	136	128	115	102	85	67	48
4STM4-24	4ST4-24	2.2	3	1.25"		174	169	165	161	156	146	132	116	98	77	55
4STM4-28	4ST4-28	2.6	3.5	1.25"		203	197	192	188	182	170	154	135	114	90	64
-	4ST4-32	3	4	1.25"		232	225	220	215	208	195	176	155	130	103	73
-	4ST4-36	3.7	5	1.25"		261	253	247	242	234	219	198	174	146	116	82
-	4ST4-40	4	5.5	1.25"		290	281	275	268	260	243	220	194	163	128	92
-	4ST4-45	5	7	1.25"		327	316	309	302	293	274	248	218	183	144	103
-	4ST4-50	5.5	7.5	1.25"		363	352	344	335	325	304	275	242	203	160	115
-	4ST4-56	7	9.5	1.25"		406	394	385	376	364	341	308	271	228	180	128
-	4ST4-62	7.5	10	1.25"		450	436	426	416	403	377	341	300	252	199	142

Model		Power		Outlet	m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
Single-phase	Three-phase	kW	HP	In		I/min	0	20	40	60	80	100	120
4STM6-5	4ST6-5	0.37	0.5	1.5"	H(m)	35	34	32	30	27	23	17	10
4STM6-7	4ST6-7	0.55	0.75	1.5"		49	47	45	42	38	31	24	14
4STM6-8	4ST6-8	0.75	1	1.5"		56	54	52	48	44	36	27	16
4STM6-10	4ST6-10	0.92	1.25	1.5"		70	67	65	61	54	45	34	19
4STM6-11	4ST6-11	1.1	1.5	1.5"		77	74	71	67	60	49	37	21
4STM6-13	4ST6-13	1.3	1.75	1.5"		91	88	84	79	71	58	44	25
4STM6-15	4ST6-15	1.5	2	1.5"		105	101	97	91	82	67	51	29
4STM6-17	4ST6-17	1.8	2.5	1.5"		119	114	110	103	93	76	58	33
4STM6-20	4ST6-20	2.2	3	1.5"		140	135	128	121	109	90	68	39
4STM6-23	4ST6-23	2.6	3.5	1.5"		161	155	149	139	125	103	78	45
-	4ST6-26	3	4	1.5"		182	175	168	158	142	117	89	50
-	4ST6-30	3.7	5	1.5"		210	202	194	182	163	134	102	58
-	4ST6-34	4	5.5	1.5"		238	229	220	206	185	152	116	66
-	4ST6-38	5	7	1.5"		266	256	246	230	207	170	129	74
-	4ST6-42	5.5	7.5	1.5"		294	283	271	254	229	188	143	82
-	4ST6-47	7	9.5	1.5"		329	316	304	285	256	211	160	91
-	4ST6-52	7.5	10	1.5"		364	350	336	315	283	233	177	101

Performance Parameters

Model		Power		Outlet	m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
Single-phase	Three-phase	kW	HP	In	l/min	0	20	40	60	80	100	120	140	160	180
4STM8-5	4ST8-5	0.55	0.75	2"	H(m)	32	31	28	26	25	24	22	18	14	9
4STM8-7	4ST8-7	0.75	1	2"		44	43	39	37	35	33	30	26	20	13
4STM8-8	4ST8-8	0.92	1.25	2"		50	49	45	42	40	38	35	30	23	15
4STM8-9	4ST8-9	1.1	1.5	2"		57	55	51	47	45	43	39	33	26	17
4STM8-10	4ST8-10	1.3	1.75	2"		63	61	56	53	50	48	43	37	28	18
4STM8-12	4ST8-12	1.5	2	2"		76	73	67	63	60	57	52	44	34	22
4STM8-14	4ST8-14	1.8	2.5	2"		88	86	79	74	70	67	61	52	40	26
4STM8-17	4ST8-17	2.2	3	2"		107	104	96	90	85	81	74	63	48	31
4STM8-20	4ST8-20	2.6	3.5	2"		126	122	112	105	100	95	87	74	57	37
-	4ST8-23	3	4	2"		145	141	129	121	115	109	100	85	65	42
-	4ST8-26	3.7	5	2"		164	159	146	137	130	124	113	96	74	48
-	4ST8-29	4	5.5	2"		183	177	163	153	145	138	126	107	82	53
-	4ST8-33	5	7	2"		208	202	186	174	165	157	143	122	94	61
-	4ST8-37	5.5	7.5	2"		234	226	208	195	185	176	160	136	105	68
-	4ST8-41	7	9.5	2"		259	251	231	216	205	195	178	151	117	76
-	4ST8-45	7.5	10	2"		284	275	253	237	225	214	195	166	128	83

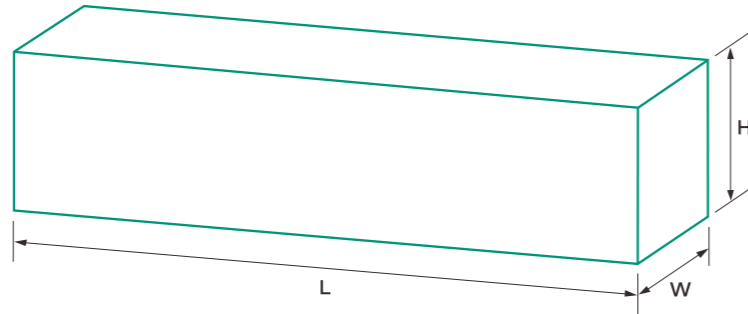
Model		Power		Outlet	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
Single-phase	Three-phase	kW	HP	In	l/min	0	30	60	90	120	150	180	210	240
4STM10-5	4ST10-5	0.75	1	2"	H(m)	31	30	28	27	25	22	18	13	7
4STM10-6	4ST10-6	0.92	1.25	2"		37	36	34	32	30	26	22	15	9
4STM10-7	4ST10-7	1.1	1.5	2"		43	42	39	38	35	31	25	18	10
4STM10-8	4ST10-8	1.3	1.75	2"		49	48	45	43	40	35	29	21	12
4STM10-10	4ST10-10	1.5	2	2"		62	59	56	54	50	44	36	26	14
4STM10-12	4ST10-12	1.8	2.5	2"		74	71	68	64	60	53	43	31	17
4STM10-14	4ST10-14	2.2	3	2"		86	83	79	75	70	62	51	36	20
4STM10-16	4ST10-16	2.6	3.5	2"		99	95	92	86	80	71	58	41	23
-	4ST10-18	3	4	2"		111	107	101	96	90	79	65	46	26
-	4ST10-20	3.7	5	2"		123	119	113	107	100	88	72	52	29
-	4ST10-22	4	5.5	2"		136	131	124	118	110	97	79	57	32
-	4ST10-25	5	7	2"		154	149	141	134	125	110	90	65	36
-	4ST10-28	5.5	7.5	2"		173	166	159	150	140	124	101	72	40
-	4ST10-32	7	9.5	2"		197	190	180	172	160	141	116	83	46
-	4ST10-36	7.5	10	2"		222	214	203	193	180	159	130	93	52

Performance Parameters

Model		Power		Outlet	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2
Single-phase	Three-phase	kW	HP	In	l/min	0	30	60	90	120	150	180	210	240	270
4STM12-4	4ST12-4	0.75	1	2"	H(m)	25	24	23	21	20	18	15	13	9	5
4STM12-5	4ST12-5	0.92	1.25	2"		31	30	29	27	25	22	19	16	12	6
4STM12-6	4ST12-6	1.1	1.5	2"		38	36	34	32	29	26	23	19	14	8
4STM12-7	4ST12-7	1.3	1.75	2"		44	42	40	37	34	31	27	22	16	9
4STM12-8	4ST12-8	1.5	2	2"		50	48	46	43	39	35	31	25	19	10
4STM12-10	4ST12-10	1.8	2.5	2"		63	60	57	53	49	44	38	32	23	13
4STM12-12	4ST12-12	2.2	3	2"		75	72	69	64	59	53	46	38	28	15
4STM12-14	4ST12-14	2.6	3.5	2"		88	84	80	75	69	62	54	44	33	18
-	4ST12-16	3	4	2"		101	96	92	86	79	71	62	51	38	21
-	4ST12-18	3.7	5	2"		113	108	103	96	88	79	69	57	42	23
-	4ST12-20	4	5.5	2"		126	120	114	107	98	88	77	63	47	26
-	4ST12-23	5	7	2"		144	138	132	123	113	101	88	73	54	29
-	4ST12-26	5.5	7.5	2"		163	156	149	139	128	115	100	82	61	33
-	4ST12-29	7	9.5	2"		182	174	166	155	142	128	111	92	68	37
-	4ST12-32	7.5	10	2"		201	192	183	171	157	141	123	101	75	41

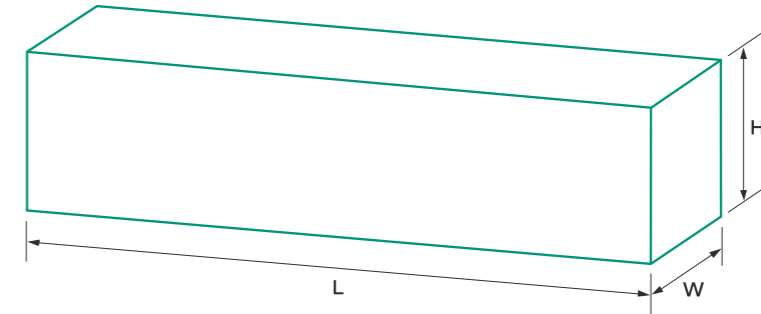
Model		Power		Outlet	m³/h	0	3	6	9	12	15	18	21
Single-phase	Three-phase	kW	HP	In	l/min	0	50	100	150	200	250	300	350
4STM16-4	4ST16-4	1.1	1.5	2"	H(m)	24	23	22	20	18	15	12	9
4STM16-5	4ST16-5	1.3	1.75	2"		30	29	28	25	22	19	15	11
4STM16-6	4ST16-6	1.5	2	2"		36	35	33	30	26	22	18	13
4STM16-8	4ST16-8	1.8	2.5	2"		47	46	44	40	35	30	24	17
4STM16-9	4ST16-9	2.2	3	2"		53	52	50	45	40	33	27	19
4STM16-11	4ST16-11	2.6	3.5	2"		65	64	61	55	48	41	33	24
-	4ST16-12	3	4	2"		71	70	66	60	53	45	36	26
-	4ST16-14	3.7	5	2"		83	81	77	70	62	52	42	30
-	4ST16-16	4	5.5	2"		95	93	88	80	70	60	48	35
-	4ST16-18	5	7	2"		107	104	99	90	79	67	54	39
-	4ST16-20	5.5	7.5	2"		118	116	110	100	88	74	60	43
-	4ST16-23	7	9.5	2"		136	133	127	115	101	86	69	50
-	4ST16-25	7.5	10	2"		148	145	138	125	110	93	75	54

Package Dimensions



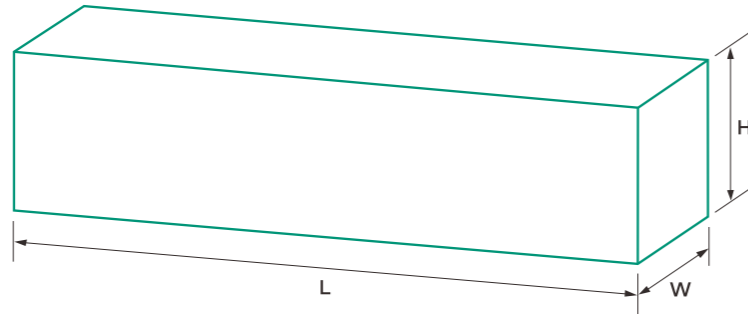
Model	Whole package size			Split package size					
				Square paper tube			Wooden box		
	W	H	L	W	H	L	W	H	L
4ST(M)2-7	145	150	765	-	-	-	-	-	-
4ST((M))2-9	145	150	835	-	-	-	-	-	-
4ST(M)2-12	145	150	920	-	-	-	-	-	-
4ST(M)2-15	145	150	1020	-	-	-	-	-	-
4ST(M)2-18	145	150	1110	-	-	-	-	-	-
4ST(M)2-21	145	150	1240	-	-	-	-	-	-
4ST(M)2-24	145	150	1340	-	-	-	-	-	-
4ST(M)2-28	145	150	1460	-	-	-	-	-	-
4ST(M)2-32	145	150	1600	-	-	-	-	-	-
4ST(M)2-37	145	150	1775	-	-	-	-	-	-
4ST(M)2-42	145	150	1950	-	-	-	-	-	-
4ST2-47	145	150	1550	-	-	-	145	150	635
4ST2-52	145	150	1740	-	-	-	145	150	700
4ST2-58	145	150	1800	-	-	-	145	150	725
4ST2-64	145	150	2000	-	-	-	145	150	780
4ST2-70	145	150	2400	-	-	-	145	150	805
4ST(M)3-5	145	150	430	-	-	-	-	-	-
4ST(M)3-7	145	150	800	-	-	-	-	-	-
4ST(M)3-10	145	150	900	-	-	-	-	-	-
4ST(M)3-13	145	150	1000	-	-	-	-	-	-
4ST(M)3-15	145	150	1070	-	-	-	-	-	-
4ST(M)3-18	145	150	1170	-	-	-	-	-	-
4ST(M)3-20	145	150	1240	-	-	-	-	-	-
4ST(M)3-26	145	150	1440	-	-	-	-	-	-
4ST(M)3-30	145	150	1570	-	-	-	-	-	-
4ST(M)3-35	145	150	1735	-	-	-	-	-	-
4ST3-40	145	150	1450	-	-	-	145	150	635
4ST3-45	145	150	1590	-	-	-	145	150	700
4ST3-50	145	150	1750	-	-	-	145	150	725
4ST3-56	145	150	1920	-	-	-	145	150	780
4ST3-62	145	150	2330	-	-	-	145	150	805

Package Dimensions



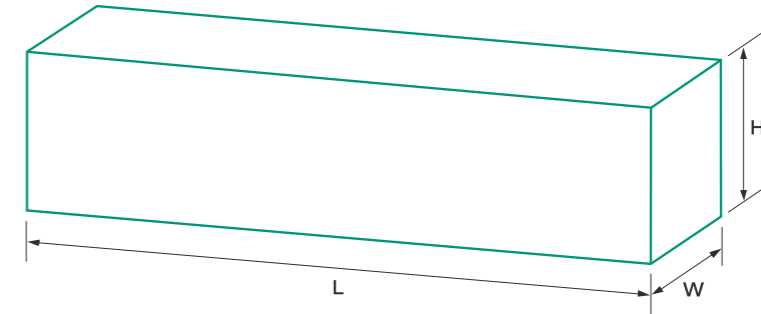
Model	Whole package size			Split package size					
				Square paper tube			Wooden box		
	W	H	L	W	H	L	W	H	L
4ST(M)4-8	145	150	800	-	-	-	-	-	-
4ST(M)4-10	145	150	875	-	-	-	-	-	-
4ST(M)4-12	145	150	1000	-	-	-	-	-	-
4ST(M)4-14	145	150	1070	-	-	-	-	-	-
4ST(M)4-16	145	150	1140	-	-	-	-	-	-
4ST(M)4-18	145	150	1265	-	-	-	-	-	-
4ST(M)4-21	145	150	1365	-	-	-	-	-	-
4ST(M)4-24	145	150	1465	-	-	-	-	-	-
4ST(M)4-28	145	150	1605	-	-	-	-	-	-
4ST4-32	145	150	1310	-	-	-	145	150	635
4ST4-36	145	150	1430	-	-	-	145	150	700
4ST4-40	145	150	1540	-	-	-	145	150	725
4ST4-45	145	150	1690	-	-	-	145	150	780
4ST4-50	145	150	1840	-	-	-	145	150	805
4ST4-56	145	150	1960	-	-	-	145	150	870
4ST4-62	145	150	2080	-	-	-	145	150	940
4ST(M)6-5	145	150	940	-	-	-	-	-	-
4ST(M)6-7	145	150	1030	-	-	-	-	-	-
4ST(M)6-8	145	150	1080	-	-	-	-	-	-
4ST(M)6-10	145	150	1170	-	-	-	-	-	-
4ST(M)6-11	145	150	1220	-	-	-	-	-	-
4ST(M)6-13	145	150	1310	-	-	-	-	-	-
4ST(M)6-15	145	150	1430	-	-	-	-	-	-
4ST(M)6-17	145	150	1550	-	-	-	-	-	-
4ST(M)6-20	145	150	1700	-	-	-	-	-	-
4ST(M)6-23	145	150	1880	-	-	-	-	-	-
4ST6-26	145	150	1270	-	-	-	145	150	635
4ST6-30	145	150	1410	-	-	-	145	150	700
4ST6-34	145	150	1550	-	-	-	145	150	725
4ST6-38	145	150	1720	-	-	-	145	150	780
4ST6-42	145	150	1860	-	-	-	145	150	805

Package Dimensions



Model	Whole package size			Split package size					
				Square paper tube			Wooden box		
	W	H	L	W	H	L	W	H	L
4ST6-47	145	150	2030	-	-	-	145	150	870
4ST6-52	145	150	2240	-	-	-	145	150	940
4ST(M)8-5	145	150	980	-	-	-	-	-	-
4ST(M)8-7	145	150	1080	-	-	-	-	-	-
4ST(M)8-8	145	150	1140	-	-	-	-	-	-
4ST(M)8-9	145	150	1200	-	-	-	-	-	-
4ST(M)8-10	145	150	1260	-	-	-	-	-	-
4ST(M)8-12	145	150	1360	-	-	-	-	-	-
4ST(M)8-14	145	150	1460	-	-	-	-	-	-
4ST(M)8-17	145	150	1600	-	-	-	-	-	-
4ST(M)8-20	145	150	1750	-	-	-	-	-	-
4ST8-23	145	150	1280	-	-	-	145	150	635
4ST8-26	145	150	1400	-	-	-	145	150	700
4ST8-29	145	150	1600	-	-	-	145	150	725
4ST8-33	145	150	1720	-	-	-	145	150	780
4ST8-37	145	150	1950	-	-	-	145	150	805
4ST8-41	145	150	2030	-	-	-	145	150	870
4ST8-45	145	150	2265	-	-	-	145	150	940
4ST(M)10-5	145	150	1000	-	-	-	-	-	-
4ST(M)10-6	145	150	1050	-	-	-	-	-	-
4ST(M)10-7	145	150	1110	-	-	-	-	-	-
4ST(M)10-8	145	150	1160	-	-	-	-	-	-
4ST(M)10-10	145	150	1260	-	-	-	-	-	-
4ST(M)10-12	145	150	1360	-	-	-	-	-	-
4ST(M)10-14	145	150	1460	-	-	-	-	-	-
4ST(M)10-16	145	150	1560	-	-	-	-	-	-
4ST10-18	145	150	1020	-	-	-	145	150	635
4ST10-20	145	150	110	-	-	-	145	150	700
4ST10-22	145	150	1250	-	-	-	145	150	725
4ST10-25	145	150	-	-	-	-	145	150	780

Package Dimensions



Model	Whole package size			Split package size					
				Square paper tube			Wooden box		
	W	H	L	W	H	L	W	H	L
4ST10-28	145	150	-	-	-	-	145	150	805
4ST10-32	145	150	1800	-	-	-	145	150	870
4ST10-36	145	150	1950	-	-	-	145	150	940
4ST(M)12-4	145	150	1030	-	-	-	-	-	-
4ST(M)12-5	145	150	1100	-	-	-	-	-	-
4ST(M)12-6	145	150	1170	-	-	-	-	-	-
4ST(M)12-7	145	150	1240	-	-	-	-	-	-
4ST(M)12-8	145	150	1310	-	-	-	-	-	-
4ST(M)12-10	145	150	1450	-	-	-	-	-	-
4ST(M)12-12	145	150	1600	-	-	-	-	-	-
4ST12-16	145	150	1270	-	-	-	145	150	635
4ST12-18	145	150	1410	-	-	-	145	150	700
4ST12-20	145	150	1550	-	-	-	145	150	725
4ST12-23	145	150	1760	-	-	-	145	150	780
4ST12-26	145	150	1970	-	-	-	145	150	805
4ST12-29	145	150	2180	-	-	-	145	150	870
4ST12-32	145	150	2240	-	-	-	145	150	940
4ST(M)16-4	145	150	1120	-	-	-	-	-	-
4ST(M)16-5	145	150	1210	-	-	-	-	-	-
4ST(M)16-6	145	150	1300	-	-	-	-	-	-
4ST(M)16-8	145	150	1480	-	-	-	-	-	-
4ST(M)16-9	145	150	1570	-	-	-	-	-	-
4ST(M)16-11	145	150	1750	-	-	-	-	-	-
4ST16-12	145	150	1160	-	-	-	145	150	635
4ST16-14	145	150	1340	-	-	-	145	150	700
4ST16-16	145	150	1520	-	-	-	145	150	725
4ST16-18	145	150	1700	-	-	-	145	150	780
4ST16-20	145	150	1880	-	-	-	145	150	805
4ST16-23	145	150	2150	-	-	-	145	150	870
4ST16-25	145	150	2330	-	-	-	145	150	940