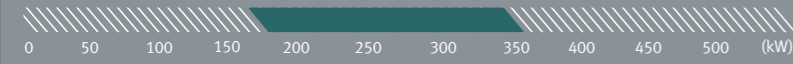


Automotive Engines



176 ~ 350 kW



Automotive Engines

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Max. power kW(ps) / rpm	Max. Torque Nm(kg-m) / rpm			
DE08TIS	L6	TI	8.1	111 x 139	177(240) / 2200	882(90) / 1400	1169 x 1003 x 812	745	EURO 2
DE12TIS	L6	TI	11.1	123 x 155	257(350) / 2100	1470(150) / 1260	1317 x 848 x 1095	910	EURO 2
DV15TIS	V8	TI	14.6	128 x 142	309(420) / 2100	1666(170) / 1200	1300 x 1021 x 995	1020	EURO 2
DL06	L6	TI	5.9	100 x 125	199(270) / 2500	862(88) / 1400	1138 x 890 x 925	606	EURO 3
DL08	L6	TI	7.6	108 x 139	257(350) / 2200	1323(135) / 1200	1214 x 801 x 1085	836	EURO 3
DL06S	L6	TI	5.9	100 x 125	199(270) / 2500	980(100) / 1400	1106 x 827 x 973	606	EURO 4
DL08S	L6	TI	7.6	108 x 139	254(340) / 2200	1422(145) / 1200	1214 x 801 x 1085	836	EURO 4
DL06K	L6	TI	5.9	100 x 125	206(280) / 2500	980(100) / 1400	1106 x 827 x 973	606	EURO 5
DL08K	L6	TI	7.6	108 x 139	257(350) / 2200	1470(150) / 1200	1214 x 801 x 1085	836	EURO 5
DX12K	L6	TI	11.1	123 x 155	334(440) / 1900	2107(215) / 1200	1326 x 1033 x 1136	1000	EURO 5
DL06P	L6	TI	5.9	100 x 125	206(280) / 2500	1000(102) / 1400	1106 x 973 x 827	606	EURO 6
DL08P	L6	TI	7.6	108 x 139	250(340) / 2200	1422(145) / 1200	1214 x 801 x 1085	836	EURO 6
DX12P	L6	TI	11.1	123 x 155	350(460) / 1900	2205(225) / 1200	1326 x 1044 x 1136	1010	EURO 6

Automotive Gas Engines

Model	Type		Displacement (Liter)	Bore x Stroke (mm)	Output (ISO 1586)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Max. Power kW(ps) / rpm	Max. Torque Nm(kg-m) / rpm			
GL08K	L6	TI	8.1	111 x 139	176(240) / 2300	882(90) / 1400	1169 x 1003 x 812	750	EURO 5
GL11K	L6	TI	11.1	123 x 155	250(340) / 2100	1373(140) / 1300	1372 x 834 x 1064	910	EURO 5
GL08P	L6	TI	8.1	111 x 139	191(260) / 2300	980(100) / 1400	1178 x 1135 x 1012	745	EURO 6
GL11P	L6	TI	11.1	123 x 155	250(340) / 2100	1373(140) / 1300	1317 x 1217 x 1076	930	EURO 6
GX12	L6	TI	11.1	123 x 155	294(400) / 2000	1696(173) / 1200	1359 x 1112 x 1189	1100	EURO 6



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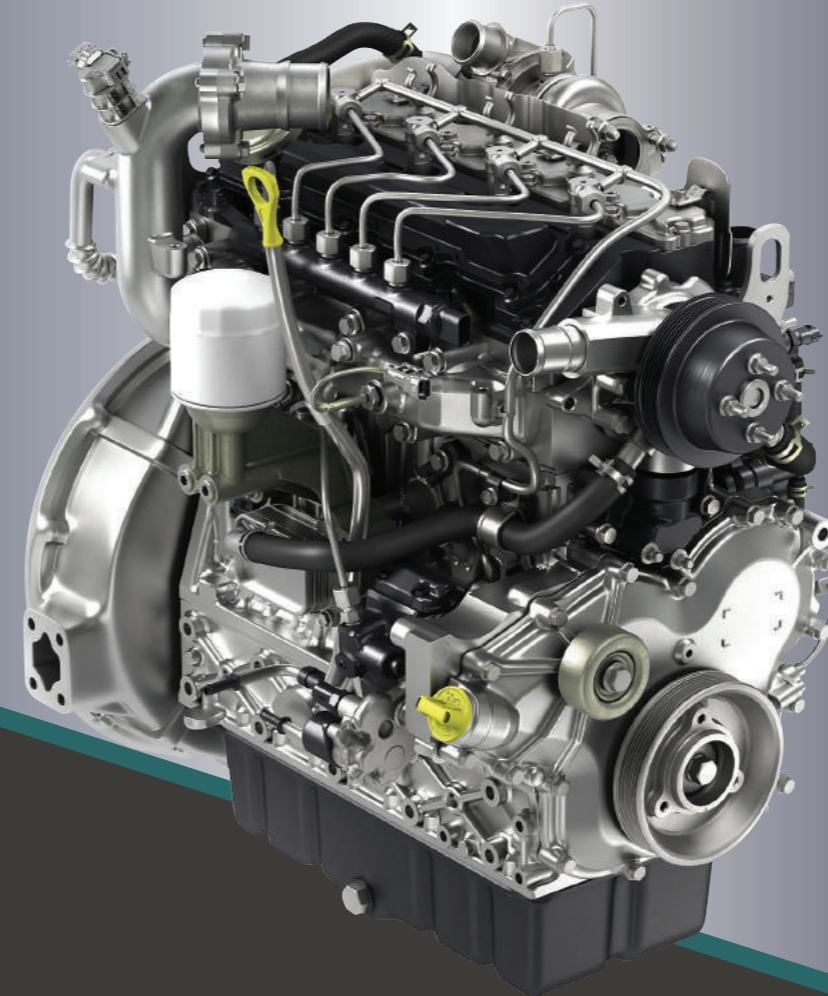
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Your Reliable Power Solutions Diesel & Gas Engines



Doosan Infracore

Corporate profile

Doosan Infracore ranks amongst the world's leading of construction equipment and engines that help to construct and maintain the World's infrastructure. We aim to improve the quality of life for people now and for the future. Since Doosan Infracore was founded in 1937, we have grown to become a true global player through technological achievements, acquisitions and new product developments.

Doosan Infracore established global network of large production facilities, sales subsidiaries and an extensive dealer network in all regions around the world; North America, Europe and China. The goal is to work in harmony and grow together with diverse stakeholders-customers, shareholders, employees, suppliers, and local communities - thereby earning trust and respect as a leading global player.

Introduction of Engine Business Group

Doosan Infracore Engine Business Group started building Korea's first diesel engines in 1958 and has expanded its business ever since. Today, the Engine Business Group supplies global customers with diesel and compressed natural gas (CNG) engines for automotive, industrial equipment, power generation and marine applications.

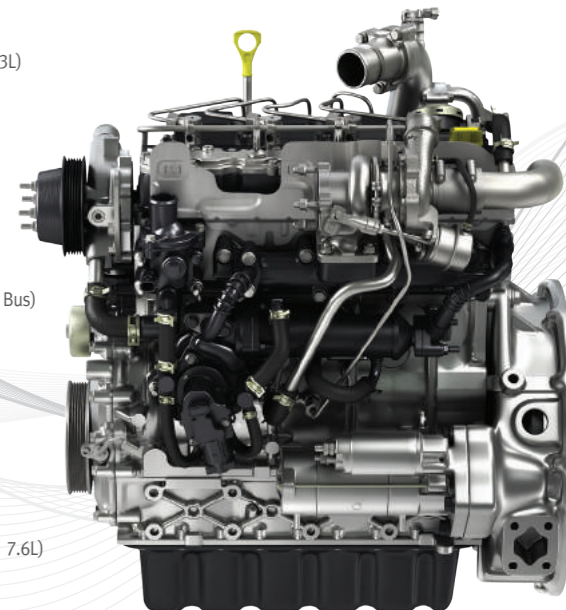
The R&D has been devoted to developing eco-friendly engines to meet stringent emission standards, and have developed Euro 5 compliant diesel engines for commercial vehicles as well as World leading CNG engines for power generation. The Business Group completed development of sophisticated compact diesel engines that satisfy tough U.S. Tier 4 Final and EU Stage IIIB & IV standards, these new models started production in 2012. We operate facilities for engine assembly, materials production, and parts machining. The product portfolio includes a wide range of power output diesel and CNG engines to satisfy the varied demands of our customers all over the world.

1950~2020's

- 1958 Marine engines
- 1975 Medium duty engines - D0846, D2156
- 1979 Light duty engines - 4BA1, 6BB1(2.8, 5.4L)
- 1983 Large engines - D28 Series(15, 18, 22L)
Grand Prix of Quality Control (Honor of President / Korea)
- 1985 "STORM" engines, (the first in-house designed model, 8, 12L)
- 1986 Iron Medal of Industry on STORM engines
(Honor of President / Korea)
- 1988 Small engines - 3AB1, C223, C240, 4BC2(1.8, 2.2, 2.4, 3.3L)
- 2000 Best Award on GE12TI engines(NGV 2000)
- 2001 Tier2 engines
- 2004 Euro III engines with Common-rail system
- 2006 GM Group Supplier of the Year(SOY) award
- 2007 Euro IV-engines
- 2008 CNG engines assembly plant in Atlanta - US07 certified
- 2010 Euro V engines. US10 CNG-engines(supplied to LA Metro Bus)
- 2011 Tier4-Interim engines
- 2012 Start of production of Doosan Compact Diesel-Engines (1.8, 2.4, 3.4L)
- 2013 DP Series engines for power generation
- 2014 2014 UK FLTA Innovative Award on Doosan Compact Diesel engines
- 2015 Start of production of DV27
- 2016 Start of production of Doosan Euro6 diesel engines(5.9L, 7.6L)
- 2017 Start of production of DX12 engine
- 2019 Stage V engines

Products

Automotive Engines	Diesel and CNG
Industrial Engines	Diesel
Power Generation Engines	Diesel and Gas
Power Unit Engines	Diesel
Marine Propulsion and Auxiliary Engines	Diesel



Power Generation Engines

0 50 100 200 300 400 500 600 700 800 900 (kW)

7 ~ 995 kW



Power Unit / Gas Engines

0 50 100 200 300 400 500 600 700 800 900 (kW)

118 ~ 625 kW



Industrial Engines

0 50 100 200 300 400 500 600 700 800 900 (kW)

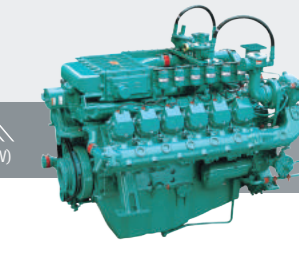
18 ~ 257 kW



Marine Engines

0 50 100 200 300 400 500 600 700 800 900 (kW)

77 ~ 883 kW



Generator Diesel Engines

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			kW(ps)@1500rpm Standby / Prime	kW(ps)@1800rpm Standby / Prime			
SP103	L3	NA	1.0	75 x 76	8(11) / 7(10)	10(14) / 9(12)	513 x 482 x 553	101	Non
SP173	L3	NA	1.6	87 x 92	15(20) / 14(18)	18(25) / 16(22)	623 x 495 x 628	178	Non
SP224	L4	NA	2.2	87 x 92	18(25) / 16(22)	24(33) / 22(29)	741 x 495 x 696	207	
SP244	L4	TC	2.4	87 x 102	25(34) / 23(31)	30(41) / 27(37)	766 x 510 x 723	214	
SP183CA	L3	TI	1.8	90 x 94	30(41) / 27(37)	42(57) / 38(51)	728 x 574 x 730	238	Tier IV Final / Stage V
SP244CA	L4	TI	2.4	90 x 94	84(65) / 43(59)	55(75) / 49(67)	828 x 576 x 722	266	Tier IV Final / Stage V
SP344CA	L4	TI	3.4	98 x 113	51(69) / 46(63)	58(78) / 52(71)	1139 x 783 x 1135	472	Non / Tier III / StageIIA
SP344CB	L4	TI	3.4	98 x 113	61(84) / 56(76)	67(91) / 74(100)	1139 x 783 x 1135	472	Non / Tier III / StageIIA
SP344CC	L4	TI	3.4	98 x 113	81(111) / 73(100)	92(125) / 83(113)	936 x 744 x 1140 1139 x 783 x 1135	360 472	Tier IV Final / Stage V Non / Tier III / StageIIA
SP404TA	L4	TC	4.0	100 x 127	72(98) / 66(90)	83(113) / 76(103)	1253 x 706 x 946	522	
LD434	L4	TI	3.4	98 x 113	81(111) / 73(100)	92(125) / 83(113)	1138.5 x 783 x 1135	472	Non / Tier III / StageIIA
SP606TA	L6	TC	6.0	100 x 127	102(139) / 92(125)	119(162) / 108(147)	1484 x 740 x 1107	666	
SP606LA	L6	TI	6.0	100 x 127	134(182) / 121(165)	147(200) / 134(182)	1600 x 800 x 1064	698	
DP086TA	L6	TC	8.1	111 x 139	152(207) / 137(186)	187(254) / 168(228)	1242 x 746 x 1113	790	
PO86TI-1	L6	TI	8.1	111 x 139	164(223) / 149(203)	191(260) / 174(237)	1242 x 923 x 1095	790	
PO86TI	L6	TI	8.1	111 x 139	199(270) / 177(240)	223(303) / 205(279)	1242 x 923 x 1095	790	Tier II
DP086LA	L6	TI	8.1	111 x 139	224(305) / 201(273)	253(344) / 228(310)	1242 x 1122 x 1113	790	
P126TI	L6	TI	11.1	123 x 155	272(370) / 241(328)	298(405) / 278(378)	1384 x 1109 x 1195	910	Tier II
P126TI-II	L6	TI	11.1	123 x 155	294(400) / 265(360)	342(465) / 307(418)	1384 x 1109 x 1195	915	
DP126LA	L6	TI	11.1	123 x 155	321(437) / 293(399)	375(510) / 346(470)	1426 x 1096 x 1295	1008	
DP126LB	L6	TI	11.1	123 x 155	362(492) / 327(445)	402(547) / 366(498)	1426 x 1096 x 1295	1008	
P158LE	V8	TI	14.6	128 x 142	414(563) / 363(494)	458(623) / 402(547)	1389 x 1389 x 1216	950	
DP158LC	V8	TI	14.6	128 x 142	449(610) / 408(555)	513(697) / 466(634)	1274 x 1138 x 1207	1155	
DP158LD	V8	TI	14.6	128 x 142	510(693) / 464(630)	556(756) / 505(687)	1274 x 1138 x 1207	1155	
DP180LA	V10	TI	18.3	128 x 142	552(750) / 502(683)	615(836) / 559(760)	1592 x 1389 x 1223	1250	
DP180LB	V10	TI	18.3	128 x 142	612(832) / 556(756)	661(899) / 601(817)	1592 x 1389 x 1223	1250	
DP222LB	V12	TI	21.9	128 x 142	664(903) / 604(821)	782(1063) / 711(967)	1738 x 1389 x 1258	1420	
DP222LC	V12	TI	21.9	128 x 142	723(983) / 657(894)	828(1126) / 753(1023)	1738 x 1389 x 1258	1420	
DP222CC	V12	TI	21.9	128 x 142	875(1190) / 790(1074)	995(1353) / 900(1224)	1658 x 1593 x 1701	1676	Non / Tier II
DP222CA (ECU)	V12	TI	21.9	128 x 142	560(761) / 501(681)	641(872) / 578(786)	1658 x 1593 x 1701	1676	Non / Tier II
DP222CB (ECU)	V12	TI	21.9	128 x 142	790(1024) / 705(959)	900(1224) / 810(1101)	1658 x 1593 x 1701	1676	Non / Tier II
DP222CC (ECU)	V12	TI	21.9	128 x 142	875(1190) / 790(1074)	995(1353) / 890(1210)	1658 x 1593 x 1701	1676	Non / Tier II

Power Unit Engines

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Max.Power kW(ps) / rpm	Max.Torque Nm(kg-m) / rpm			
PU086	L6	NA	8.1	111 x 139	118(160) / 2200	589(60) / 1600	1277 x 824 x 1001	780	
PU086T	L6	TC	8.1	111 x 139	151(205) / 2200	793(81) / 1400	1277 x 824 x 1001	780	
PU086TI	L6	TI	8.1	111 x 139	213(290) / 2200	1095(112) / 1600	1242 x 918 x 1100	792	
PU126TIA	L6	TI	11.1	123 x 155	255(347) / 2100	1337(116) / 1500	1383 x 870 x 1207	910	
PU126TI	L6	TI	11.1	123 x 155	294(400) / 2100	1521(155) / 1400	1383 x 870 x 1207	910	
PU158TI	V8	TI	14.6	128 x 142	397(540) / 2100	2117(216) / 1500	1484 x 1389 x 1162	950	
PU180TI	V10	TI	18.3	128 x 142	478(650) / 2100	2303(235) / 1500	1557 x 1389 x 1248	1175	
PU222TI	V12	TI	21.9	128 x 142	588(800) / 2100	3205(327) / 1500	1717 x 1389 x 1288	1575	

Power Unit Engines (Fire Pump)

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Max.Power kW(ps) / rpm	Max.Torque Nm(kg-m) / rpm			
PU086T	L6	TC	8.1	111 x 139	173(235) / 2450	902(92) / 1400	1183 x 824 x 1074	790	
PU086TI	L6	TI	8.1	111 x 139	228(310) / 2450	1177(120) / 1500	1116 x 728 x 1106	800	
PU126TI	L6	TI	11.1	123 x 155	294(400) / 2100	1588(162) / 1400	1223 x 890 x 1095	925	
PU158TI	V8	TI	14.6	128 x 142	408(555) / 2350	2384(243) / 1470	1229 x 1140 x 1205	1000	
PU180TI	V10	TI	18.3	128 x 142	511(695) / 2350	2894(295) / 1470	1295 x 1140 x 1262	1225	
PU222TI	V12	TI	21.9	128 x 142	625(850) / 2350	3668(374) / 1470	1453 x 1140 x 1292	1650	

Generator Gas Engines

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046 / 8528)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			kW(ps)@1500rpm Prime Power	kW(ps)@1800rpm Prime Power			
GE08TI	L6	TI	8.1	111 x 139	141(191) / 128(174)	165(224) / 150(204)	1415 x 925 x 1400	820	
GE12TI	L6	TI	11.1	123 x 155	192(262) / 175(238)	220(299) / 200(272)	1672 x 1039 x 1435	1010	
GV158TI	V8	TI	14.6	128 x 142	253(344) / 230(313)	297(404) / 270(367)	1587 x 1238 x 1455	1230	
GV180TI	V10	TI	18.3	128 x 142	319(434) / 290(394)	374(508) / 340(462)	1745 x 1236 x 1596	1415	
GV222TI	V12	TI	21.9	128 x 142	385(523) / 350(476)	451(613) / 410(557)	1924 x 1243 x 1626	1620	

Industrial / Power unit Engines (Mechanical Control)

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Max.power kW(ps) / rpm	Max.Torque Nm(kg-m) / rpm			
SU103	L3	NA	1.0	75 x 76	18(24) / 3000	61(6) / 2300	546 x 496 x 544	101	Tier IV Final / Stage V
SU143	L3	NA	1.4	80 x 92	21(28) / 2600	86(9) / 1700	615 x 495 x 628	172	Tier III / Stage IIIA
SU173	L3	NA	1.7	87 x 92	25(35) / 2600	107(11) / 1700	623 x 495 x 628	178	Tier III / Stage IIIA
SU183	L3	NA	1.8	90 x 94	28(39) / 2600	119(12) / 1700	607 x 520 x 699	211	Tier III / Stage IIIA
SU224	L4	TC	2.2	87 x 92	40(55) / 2600	175(18) / 1700	741 x 510 x 723	207	Tier III / Stage IIIA
SU244	L4	TC	2.4	87 x 102	44(60) / 2600	190(20) / 1700	766 x 510 x 723	214	Tier III / Stage IIIA
SU244	L4	TC	2.4	87 x 102	55(73) / 2600	250(26) / 1700	766 x 510 x 723	250	Non-emission
DB58	L6	TI	5.9	102 x 118	127(173) / 2000	687(70) / 1400	1166 x 836 x 976	502	Tier II / Stage II
DE08	L6	TC	7.7	111 x 139	177(240) / 2300	883(90) / 1200	1169 x 1003 x 812	745	Tier II / Stage II
DE12	L6	TI	11.1	123 x 155	238(323) / 2000	1324(135) / 1400	1379 x 1033 x 1311	900	Tier II / Stage II
DX12	L6	TI	11.1	123 x 155	238(323) / 2000	1364(139) / 1300	1322 x 949 x 1322	1024	Tier II / Stage II

Industrial Engines (Electronic Control)

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046)		Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Max.power kW(ps) / rpm	Max.Torque Nm(kg-m) / rpm			
D18	L3	TI	1.8	90 x 94	45(61) / 2600	225(23) / 1800	728 x 574 x 730	238	Tier IV Final / Stage V
D24	L4	TI	2.4	90 x 94	55(75) / 2600	320(33) / 1600	828 x 576 x 722	266	Tier IV Final / Stage V
D34	L4	TI	3.4	98 x 113	101(135) / 2600	500(51) / 1400	936 x 744 x 1140	360	Tier IV Final / Stage V
DL06	L6	TI	5.9	100 x 125	141(192) / 2000	902(92) / 1400	1103 x 814 x 1170	645	Tier IV Final / Stage V
DL08	L6	TI	7.6	108 x 139	213(290) / 1800	1275(130) / 1300	1324 x 958 x 1249	855	Tier IV Final / Stage V

Marine Propulsion Engines

Model	Type		Displacement (L)	Bore x Stroke (mm)	Output (ISO 3046 kW(ps)/rpm)			Dimension (L x W x H) (mm)	Dry Weight (kg)	Emission
	No. of Cyl.	Aspiration			Heavy Duty	Medium Duty	Light Duty			
L066TI	L6	TI	5.8	102 x 118	132(180) / 2200	-	-	1352 x 800 x 917	535	Tier II
L136	L6	NA	8.1	111 x 139	118(160) / 2200	-	-	1266 x 875 x 937	743	Tier I
L136T	L6	TC	8.1	111 x 139	147(200) / 2200	-	177(240) / 2500	1351 x 893 x 937	748	Tier I
L136TI	L6	TI	8.1	111 x 139	169(230) / 2200	-	-	1364 x 911 x 937	773	Tier II
L086TI	L6	TI	8.1	111 x 139	210(285) / 2100	232(315) / 2300	265(360) / 2500	1364 x 919 x 965	790	Tier II
MD196T	L6	TC	11.1	123 x 155	206(280) / 2000	-	-	1397 x 931 x 1077	975	Tier I
MD196TI	L6	TI	11.1	123 x 155	235(320) / 2000	-	-	1397 x 933 x 1077	1009	Tier II
L126TI	L6	TI	11.1	123 x 155	265(360) / 2000	294(400) / 2100	-	1414 x 933 x 1077	1060	Tier II
4L126TI	L6	TI	11.1	123 x 155	331(450) / 2000	364(495) / 2100	401(545) / 2000	1131 x 904 x 1153	1136	Tier II
V158TI	V8	TI	14.6	128 x 142	353(480) / 1800	397(540) / 2100	500(680) / 2300	1657 x 1226 x 1397	1350	Tier II
V180TI	V10	TI	18.3	128 x 142	441(600) / 1800	478(650) / 2100	603(820) / 2300	1815 x 1227 x 1576	1550	T