



REGOMS PRODUCT DATASHEET

ZONE 2 185SCFM AIR COMPRESSOR

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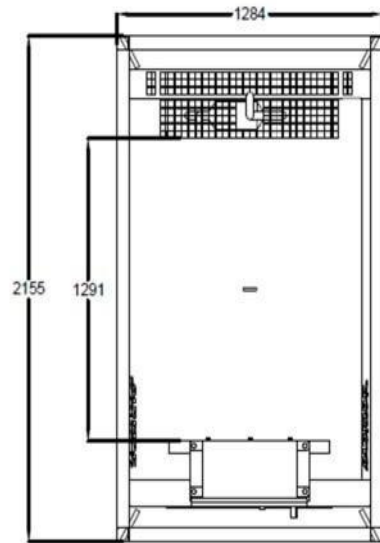


FOR ILLUSTRATION PURPOSE ONLY

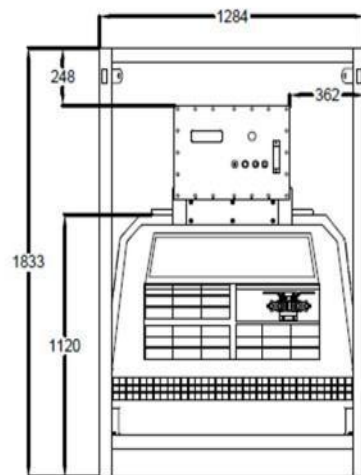
The **Zone 2 185scfm Air Compressor** is a one stop solution of standalone compressor unit rated up to 185scfm. Custom design for (Zone 2) Hazardous area and is ATEX compliant packaged in a LR certified DNV 2.7-1 Offshore Lifting skid. The Zone 2 185cfm Air Compressor is designed for easy and straight forward operations with multiple opening access to ease maintenance works. The unit operates in ambient temperature of -20dego C TO + 40dego C, suitable for both warm and cold weather operations. Unit sound pressure level (SPL) is below 85dBA@1m distance.

MAIN FEATURES	SAFETY FEATURES
<ul style="list-style-type: none"> • Class TUV certified • Simple and straight forward operation • Safety requirements of the ATEX 94/9/EC Ex Group IIA Category 3G T3 • Electric starter • 12 hours continuous running • Screw rotary type 1 compression cooled • 2 output air valves • Compact and easy to function • Operating pressure 6.9mPa 	<ul style="list-style-type: none"> • Air intake Shut off valve • Exhaust outlet spark arrestor • Ex Alternator • Ex d Control Panel • Engine over speed Protection • High Coolant temperature sensor • Low engine oil pressure • Ex Fuel shut off system

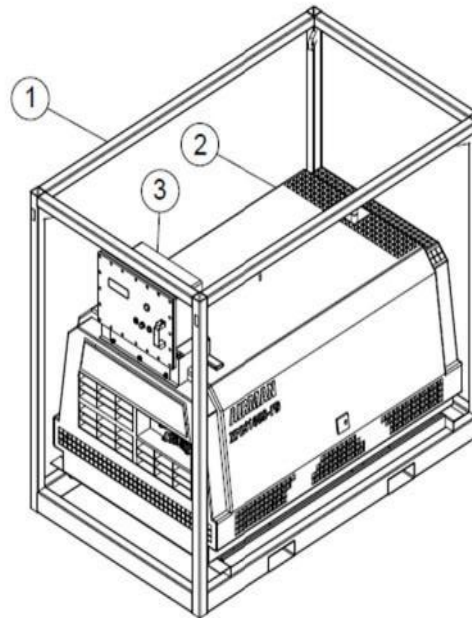
AIR COMPRESSOR TECHNICAL SPECIFICATION	
BRAND	AIRMAN (MADE IN JAPAN)
TYPE	ROTARY TWIN SCREW, SINGLE STAGE OIL COOLED
FREE AIR DELIVERY M3/MIN	5.2
OPERATING PRESSURE WITH CAPACITY	150PSI/142.3SCFM
OPERATING PRESSURE WITH CAPACITY	100PSI/185SCFM
ENGINE SPECIFICATION	
MAKE	YANMAR 3TNV88-BDHKS
TYPE	4 CYCLE WATER COOLED, DIRECT INJECTION TYPE
RATED POWER	34.9KW/3000RPM
TOTAL DISPLACEMENT (CC)	2189



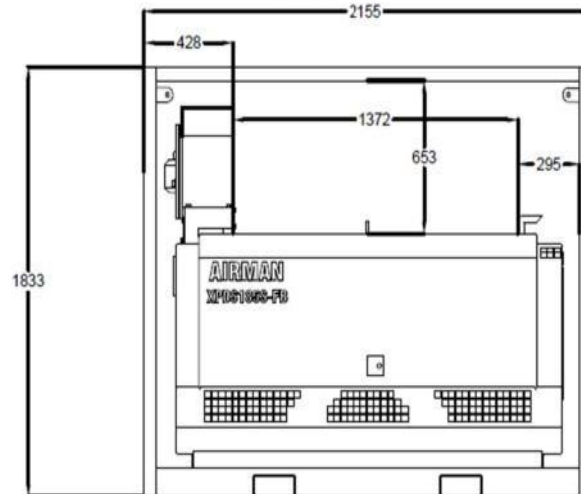
TOP VIEW



FRONT VIEW



3D VIEW



SIDE VIEW

AIR COMPRESSOR TECHNICAL SPECIFICATION

BRAND	AIRMAN (MADE IN JAPAN)	
MODEL	PDS 185S	
TYPE	ROTARY TWIN SCREW, SINGLE STAGE, OIL COOLED	
FREE AIR DELIVERY (m3/min)	5.2	
OPERATING PRESSURE (PSIG)	150 PSI	100 PSI
CAPACITY	142.3 SCFM	185 SCFM

ENGINE

MAKE	YANMAR 3TNV88-BDHW	
TYPE	4 CYCLE WATER COOLED, DIRECT INJECTION TYPE	
RATED POWER	34.9kW / 3000 rpm	
TOTAL DISPLACEMENT (CC)	2189	

SYSTEM/BATTERY

STARTING SYSTEM	ELECTRIC STARTER (12V)	
BATTERY	80 AH	

ZONE 2 UPGRADE SPECIFICATION

ZONE 2 CLASS	ZONE 2, CLASS IIA, T3 (BELOW 200c)	
ATEX DIRECTIVE	94/9/EC	
STANDARDS	BS EN 60079-0 : 2006	
CERTIFICATION BODY	TUV	

OFFSHORE LIFTING SPECIFICATION

LIFTING FRAME	DNV 2.7-1 : 2013 OFFSHORE LIFTING FRAME	
CONDITION	NEW	

WEIGHT

ESTIMATED- DRY	1305 KG
ESTIMATED- WET(MEAN WITH FUEL)	+76 KG
TOTAL	1381 KG

OVERALL DIMENTION

DIMENSION	2155 X 1284 X 1833
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PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FRAME-01	MILD STEEL
2	1	AIRMAN COMPRESSOR	XPDS185S-FB
3	1	Ext CONTROL PANEL	SS316

For a quotation and detailed pricing, please contact our sales team:

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