



REGOMS PRODUCT DATASHEET

ZONE 2 425SCFM AIR COMPRESSOR

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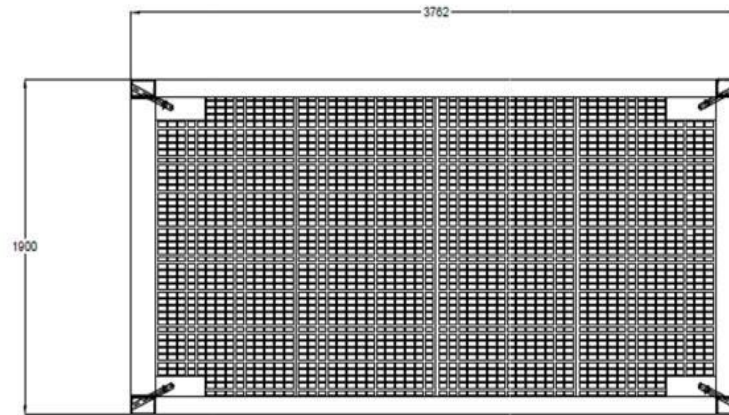
FOR ILLUSTRATION PURPOSE ONLY

The **Zone 2 425scfm Air Compressor** (X5A425H-15) is a one stop solution of standalone compressor unit rated up to 425scfm. Custom design for (Zone 2) Hazardous area and is ATEX compliant packaged in a LR certified EN12079-1:2006 & DNV 2.7-1 in support of IMO MSC/Circ. 860(1998) Offshore Lifting Skid. The X5A425H-15 is designed for easy and straight forward operations with multiple opening access to ease maintenance works. The unit operates in ambient temperature of -20°C to + 49°C, suitable for both warm and cold weather operations. Unit sound pressure level (SPL) is below 85dBA@1m distance.

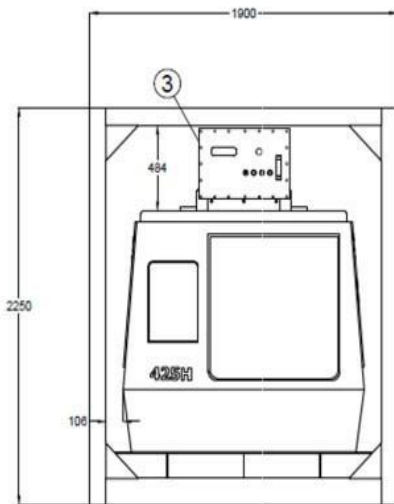
MAIN FEATURES	SAFETY FEATURES
<p>Class BV certified</p> <p>Tier 3 Emission Compliant Engine</p> <p>Multiple openings for easy access of maintenance</p> <p>Safety requirements of the ATEX 94/9/EC Ex Group IIA</p> <p><u>Category 3G T3</u></p> <ul style="list-style-type: none"> • Electric starter • 12 hours continuous running • Screw rotary type 1 compression cooled • 3 output air valves 1/2:" 3/4" and 1 1/4" • Compact and easy to function • Operating pressure range 3.8Bar(60Psi) – 10.3Bar(150Psi) 	<p>Air Intake Shut Off Valve</p> <p>Exhaust Outlet Spark Arrestor</p> <p>Ex Alternator</p> <p>Ex D Control Panel</p> <p>Engine Over Speed Protection</p> <p>High Coolant Temperature Sensor</p> <p>Low Engine Oil Pressure</p> <p>Ex Fuel Shut Off System</p>

OVERALL SPECIFICATION	
Frame	GB-LR 22071-05/2012
Model	X5A425H-15
Rated Discharge Pressure in Bar (PSI)	10.3(150)
Nominal Capacity Flow m ³ /min (CFM)	12(425)
Working Pressure Range Bar (PSI)	3.8(50)
Total Weight (kg)	3520
Outline Dimension (Frame) : L X W X H (mm)	3774*1900*2250
DIESEL ENGINE	
Manufacturer	CUMMINS
Model	QSB5.9-C 150-31
Full Load / No-Load Speed (RPM)	2250 / 1600
Rated Power Bhp (KW)	154(113)
Displacement L (in ³)	5.9(360)
Water Tank Capacity L (U.S Gal)	20(5.2)
Engine Oil Capacity (U.S Gal)	12.5(3.3)
Fuel Tank Capacity (U.S Gal)	160(42.3)
Electrical System Working Voltage (V)	24
Rated Capacity of Battery C20 (A.H)	180
COMPRESSOR	
Specification Of Air Supply Valve	1-Rp1/2,1-Rp3/4,1,1-Rp1"1/4
Fluid Capacity L (U.S Gal)	38.5(10.2)

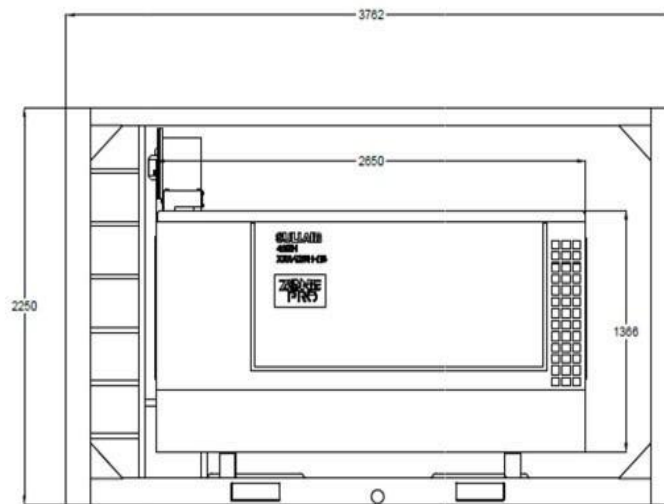
LAYOUT DRAWING



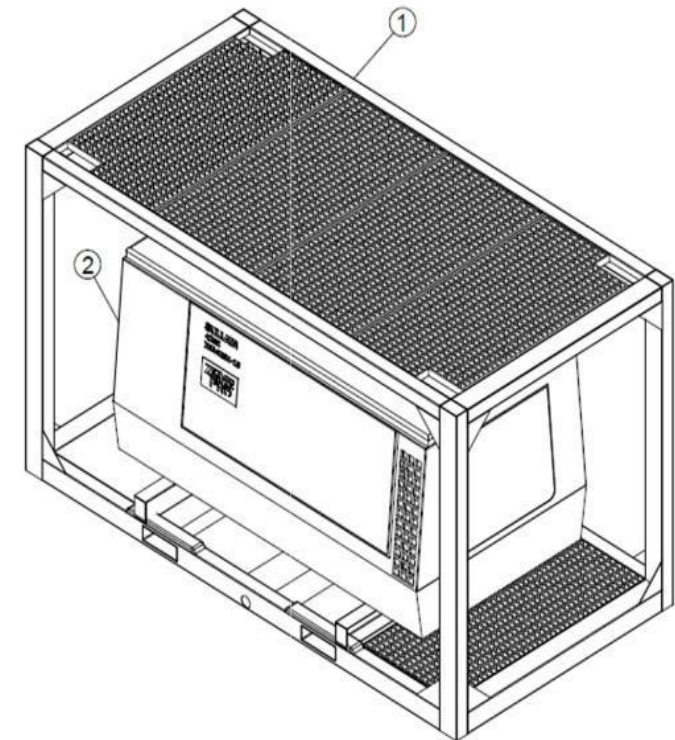
TOP VIEW



FRONT VIEW



SIDE VIEW



3D VIEW

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FRAME-01	MILD STEEL
2	1	SULLAIR COMPRESSOR	425 H
3	1	Exd CONTROL PANEL	SS316

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

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