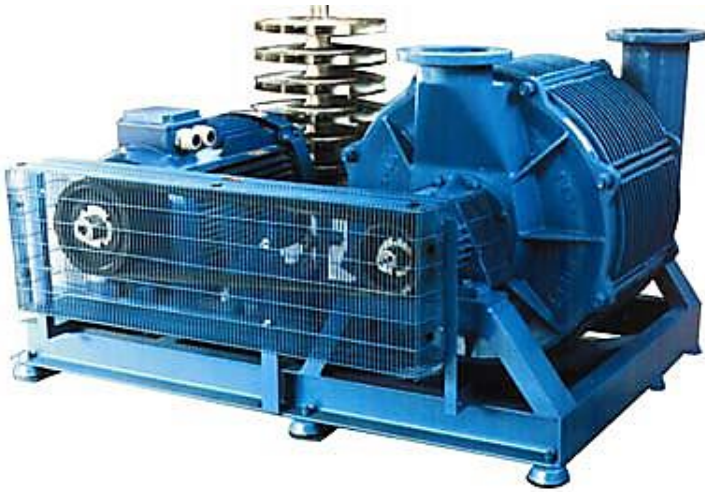


THEREC CORPORATION LTD.

Total Solution for Biogas Blower and Compressor
Process & Equipment for Biogas Boosting & Aeration System



Multi Stage Centrifugal Type Blower



SAVIO S.r.l.
AIR TECHNOLOGY



ATEX



Stainless Steel Shaft in ATEX version



Therec's In house package assemble



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E-mail : savio@savioclima.it http:// www.savioclima.it

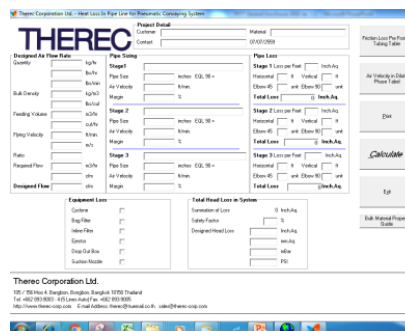
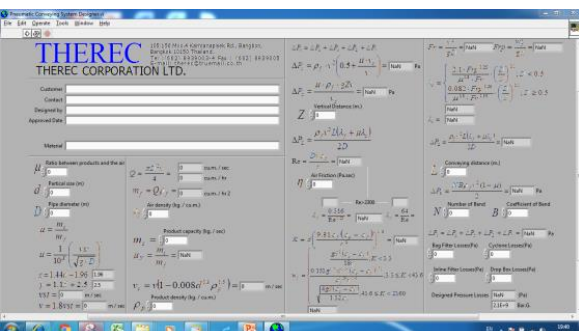
Thai Eakarot Biogas Plant / Kampangpetch

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Side channel (Ring) Blower Package



Engineering system design support Service for both Air and Gas Handling process /Loss, Pressure, Flow and Etc.



The sizing program both from our principle oversea and in house development by THEREC

Roots / Positive Displacement (PD) / Rotary Type Blower



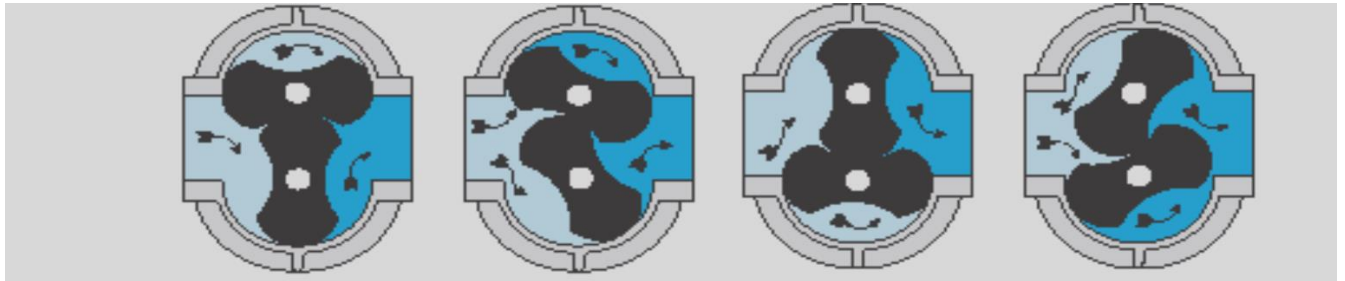
URAI-G small gas blower



RAMG-J medium size gas blower



RGS-J Large size gas blower



Rotary Positive Blower Principle of Operation

Two figure-eight lobe impellers mounted on parallel shafts rotate in opposite directions. without

As each impeller passes the blower inlet, it traps a finite volume of air and carries it around the case to the blower outlet, where

the air is discharged. With constant speed operation the displaced volume is essentially

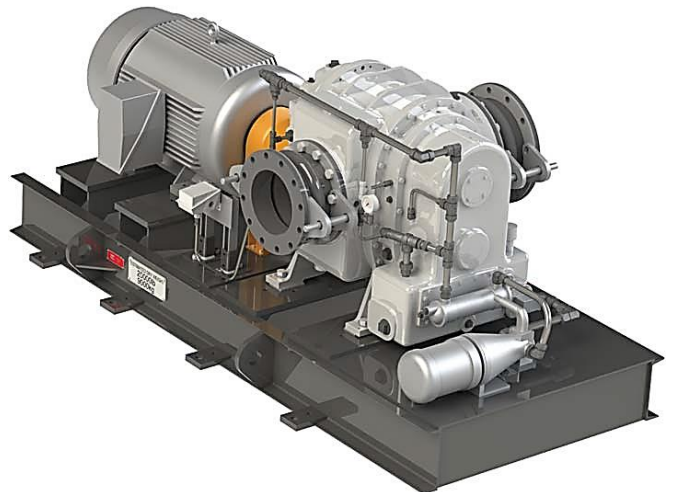
the same regardless of pressure, temperature or barometric pressure. Timing gears control the relative position of the impellers to each

other and maintain small, but defined, clearances. This allows operation

lubrication being required inside the air casing.



Belt Drive Package Gas Blower



Direct Couple Package Gas Blower

The original ROOTS blower still leads the way.™

Roots

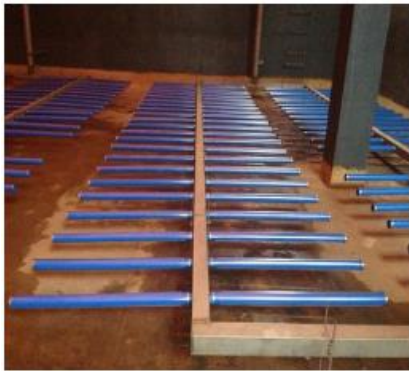
GE Energy

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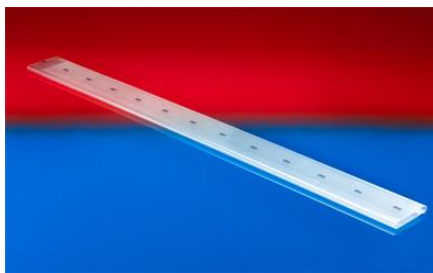
Membrane Air & Gas Diffuser



PRO₂AIR Pre-PUR® has a wider operating range than EPDM and silicone

Betriebsbereiche Membranrohrbelüfter PRO ₂ AIR Pre-PUR®/Operating ranges of PRO ₂ AIR Pre-PUR® membrane tube diffusers				
	Minimum/ Minimum Nm ³ /(h*m _{Bel./aer.})	Normal/ Normal Nm ³ /(h*m _{Bel./aer.})	Maximum/ Maximum Nm ³ /(h*m _{Bel./aer.})	Spülbetrieb*/ Purging* Nm ³ /(h*m _{Bel./aer.})
Pre-PUR®	1,0	3,0 - 8,0	15,0	18,0
EPDM	2,0	6,0 - 8,0	12,0	15,0
Silikon/ Silicone	2,0	4,0 - 6,0	10,0	12,0

* = die empfohlenen Zeitintervalle zum Spülbetrieb entnehmen Sie bitte der Montage-, Betriebs- und Wartungsanleitung/* = please refer to the fitting, operating and maintenance instructions for the recommended purge intervals.



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NORRES

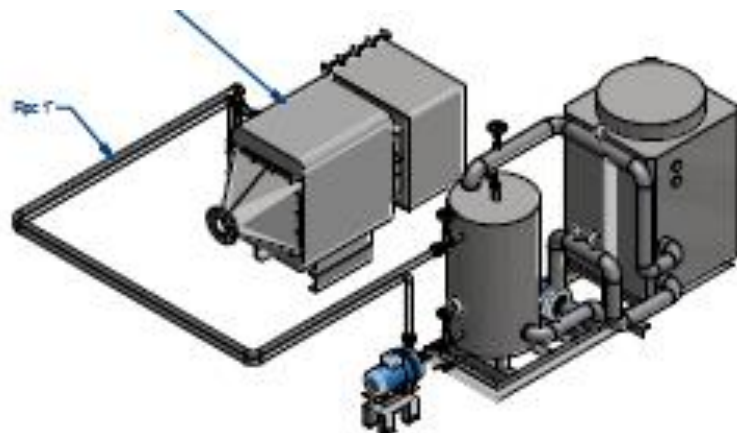


Plate type Air and Gas Dryer and Cooler

Lower Pressure loss, Longer Heat Exchanger Life time than the conventional Fin & Tube type

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THEREC
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Therrec Corporation Ltd. <http://www.thereccorp.com>

Tel : (662)893 9003-4 Fax : (662)893 9005 E-mail : sales@thereccorp.com

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General product TRS 01 / 2017