



PROLAKE⁵ 85

FOR IMPOUNDMENTS UP TO 7 ACRES

- Fracking Pond Applications
- Delivers Over 8 CFM 24/7
- Utilizes Tough Dual Duraplate™ Diffusers
- Rugged Design To Withstand Harsh Environments

Impoundment Package Features

6.17 HP Oilless Regenerative Blower
85 CFM Open Flow
9.5Y Amps Start@460V
460/60/3
Maximum 325" Water Column Differential Pressure
Outlet Adapter With Pressure Relief Valve
Blow-Off Valve
Flexible High Temperature Vibration Isolator Hose
Inlet Fitting Includes Industrial Air Filter With Replaceable Element
Electrical Panel/NEMA Outdoor Rated
Manual Motor Starters
TEFC Motor Class F Insulation
UL Listed

40' Galvanized Metal Compressor Outlet Air Pipe - 2"
(For Heat Dissipation With Appropriate Fittings To Hairpin & Connection To Blower)

Up To 10 Dual Duraplate™ Air Diffusers
Depending On Final Size

Between 6,000 To 10,000 Feet Of 3/4" Alpine™ Weighted Airline
Depending On Final Size

Between 1200 To 1500 Feet Of 3/4" Gates Adaptaflex Tubing
Depending On Final Size

Product Notes

Electrical panel and blower rated for outdoor installation, blower mounted on galvanized steel pallet all-welded construction outdoor/industrial rated, ready to set and connect. Control panel shipped loose for site installation on power pedestal by customer's electrician. System includes fittings and clamps to install 3/4" Alpine™ Weighted Tubing and Diffusers. Includes clamps and fittings to connect 3/4" Adaptaflex to 3/4" Alpine™ Self Weighted Tubing at toe of berm (in most cases). Installation, customer to provide 2" End Welded Air Distribution Trunk Manifold and 3/4" Airflow Adjustment (Ball) Valves (Qty. 20) with Male Adapter (3/4" Npt X 3/4" Spiral Barb) for each Airflow Outlet on Trunk Manifold.



6.17HP Oilless Regenerative Blower



Duraplate™ Dual Diffuser



Alpine™ 3/4" Weighted Airline



Black 3/4" Adaptaflex™ Airline



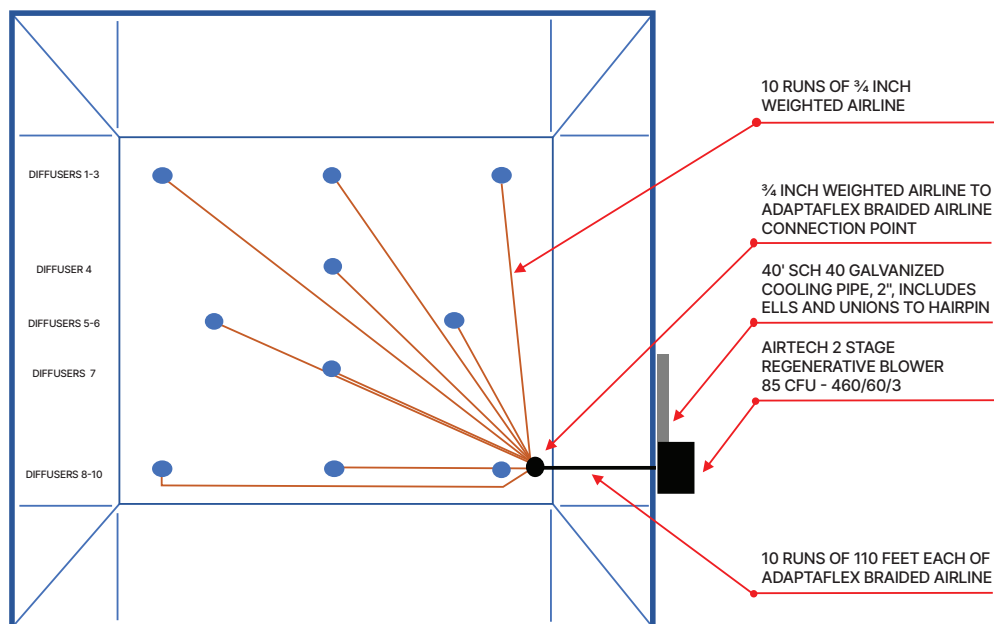
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LAYOUT EXAMPLE



CALCULATE POND SIZE: 7.3 ACRES

3/4 INCH WEIGHTED AIRLINE RUNS:

LINE 1 TO DIFFUSER 1: 700
 LINE 2 TO DIFFUSER 2: 800
 LINE 3 TO DIFFUSER 3: 680
 LINE 4 TO DIFFUSER 4: 600
 LINE 5 TO DIFFUSER 5: 200

LINE 6 TO DIFFUSER 11: 310
 LINE 7 TO DIFFUSER 12: 460
 LINE 8 TO DIFFUSER 13: 400
 LINE 9 TO DIFFUSER 14: 450
 LINE 10 TO DIFFUSER 10: 200