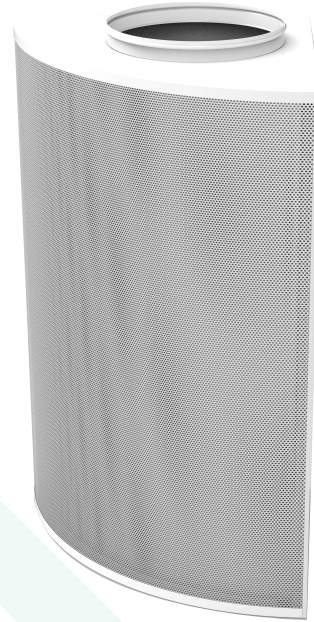


# DDI-R90 MODEL

## GALVANNEAL SUPPLY PERFORATED DISPLACEMENT UNIT 90° DISCHARGE PATTERN

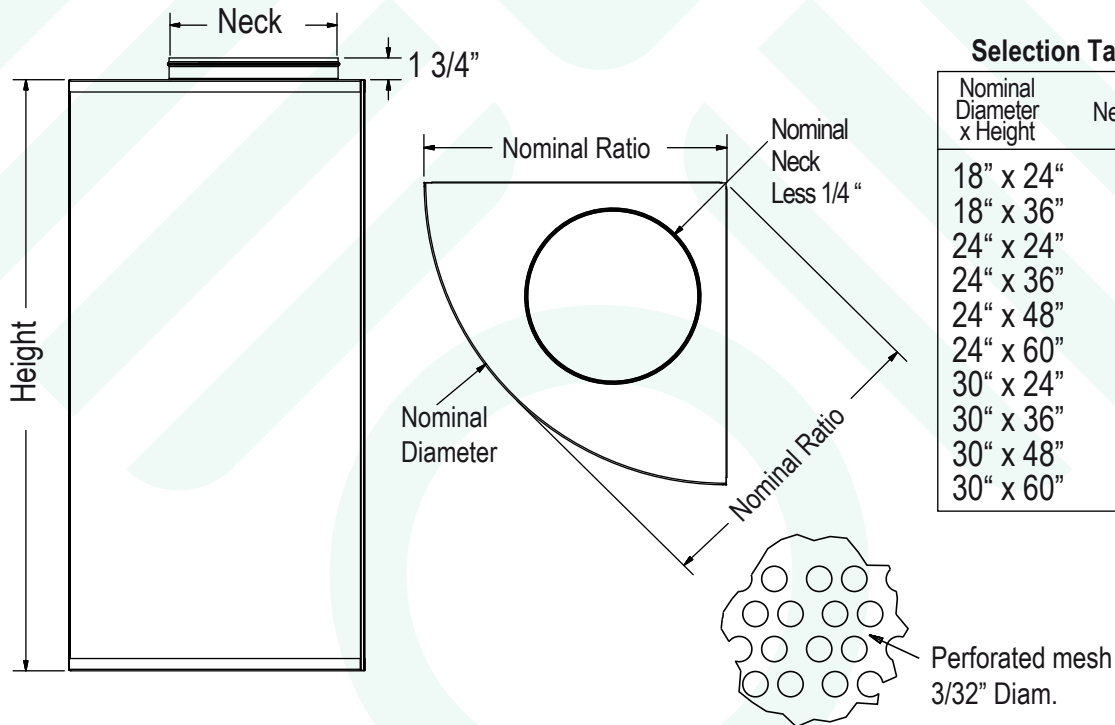
- Low speed air injection for horizontal ground level supply
- Excellent performance and unique aesthetics.
- Removable parts that achieve an easy access for unit cleaning.
- Perforated sheet faces, two styles available : staggered and in line.
- Easy installation



**CONSTRUCTION:** Steel sheet and structure.

**FINISH:** Standard white Anodic acrylic paint. Other colors available.

### Dimensional Data



**Selection Table(In)**

Nominal Diameter x Height	Neck	Nominal Ratio
18" x 24"	4"	9"
18" x 36"	4"	9"
24" x 24"	6"	12"
24" x 36"	6"	12"
24" x 48"	6"	12"
24" x 60"	6"	12"
30" x 24"	8"	15"
30" x 36"	8"	15"
30" x 48"	8"	15"
30" x 60"	8"	15"

PERFORMANCE TABLE

SIZE	NECK					
<b>18"X24"</b>	<b>4"</b>	<b>CFM</b>	<b>41</b>	<b>61</b>	<b>81</b>	<b>102</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.03	0.06	0.1	0.16
		NOISE CRITERIAL (NC)	---	---	---	---
<b>18"X36"</b>	<b>4"</b>	<b>CFM</b>	<b>62</b>	<b>93</b>	<b>124</b>	<b>155</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.03	0.06	0.11	0.18
		NOISE CRITERIAL (NC)	---	---	---	---
<b>24"X24"</b>	<b>6"</b>	<b>CFM</b>	<b>56</b>	<b>83</b>	<b>111</b>	<b>139</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.01	0.03	0.06	0.09
		NOISE CRITERIAL (NC)	---	---	---	---
<b>24"X36"</b>	<b>6"</b>	<b>CFM</b>	<b>85</b>	<b>127</b>	<b>170</b>	<b>212</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.02	0.05	0.09	0.14
		NOISE CRITERIAL (NC)	---	---	---	---
<b>24"X48"</b>	<b>6"</b>	<b>CFM</b>	<b>114</b>	<b>171</b>	<b>229</b>	<b>286</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.03	0.06	0.1	0.16
		NOISE CRITERIAL (NC)	---	---	---	---
<b>24"X60"</b>	<b>6"</b>	<b>CFM</b>	<b>144</b>	<b>215</b>	<b>287</b>	<b>359</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.02	0.05	0.09	0.15
		NOISE CRITERIAL (NC)	---	---	---	---
<b>30"x24"</b>	<b>8"</b>	<b>CFM</b>	<b>70</b>	<b>106</b>	<b>141</b>	<b>176</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.01	0.02	0.04	0.06
		NOISE CRITERIAL (NC)	---	---	---	---
<b>30"x36"</b>	<b>8"</b>	<b>CFM</b>	<b>108</b>	<b>162</b>	<b>215</b>	<b>269</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.02	0.04	0.06	0.01
		NOISE CRITERIAL (NC)	---	---	---	---
<b>30"x48"</b>	<b>8"</b>	<b>CFM</b>	<b>145</b>	<b>217</b>	<b>290</b>	<b>362</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.02	0.05	0.08	0.13
		NOISE CRITERIAL (NC)	---	---	---	---
<b>30"x60"</b>	<b>8"</b>	<b>CFM</b>	<b>182</b>	<b>273</b>	<b>364</b>	<b>455</b>
		VELOCITY (FPM)	20	30	40	50
		TOTAL PRESSURE(IN WG)	0.02	0.05	0.09	0.15
		NOISE CRITERIAL (NC)	---	---	---	---