LDN® Deflector Pads

Nozzle Size Recommendations

SINGLE PAD

DOUBLE PAD

TRIPLE PAD

NOZZLE NUMBER	PADS
2 1/32" (0.79 mm)	Mini 12
3 3/64" (1.19 mm)	
4 1/16" (1.59 mm)	
5 5/64" (1.98 mm)	Mini 24
6 3/32" (2.38 mm)	
7 7/64" (2.78 mm)	
8 1/8" (3.18 mm)	
9 9/64" (3.57 mm)	
10 5/32" (3.97 mm)	Single
11 11/64" (4.37 mm)	
12 3/16" (4.76 mm)	
13 13/64" (5.16 mm)	
14 7/32" (5.56 mm)	
15 15/64" (5.95 mm)	
16 1/4" (6.35 mm)	Double
17 17/64" (6.75 mm)	
18 9/32" (7.14 mm)	
19 19/64" (7.54 mm)	
20 5/16" (7.94 mm)	
21 21/64" (8.33 mm)	
22 11/32" (8.73 mm)	
23 23/64" (9.13 mm)	
24 3/8" (9.53 mm)	Triple
25 25/64" (9.92 mm)	
26 13/32" (10.32 mm)	

Divide higher flows into multiple streams to widen the wetted footprint

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LDN® Deflector Pads

Single Pads - Concave, Flat, & Convex

CONCAVE

1. **LDNPHDC** *(above)*
   C = Concave *(blue)*
   (Standard 33 grooves)
   Nozzles #10 - #26
2. **LDNPHDCMG**
   C = Concave *(blue)*
   MG = Medium Groove
   (33 grooves)
   Nozzles #10 - #26
3. **LDNPHDCDG**
   C = Concave *(blue)*
   DG = Deep Groove
   (24 grooves)
   Nozzles #4 - #26
4. **LDNPHDMC**
   M = Mini
   C = Concave *(blue)*
   (24 grooves)
   Nozzles #4 - #9
5. **LDNPHDCS**
   C = Concave *(blue)*
   S = Smooth
   Nozzles #4 - #9.5
6. **LDNPHDMC12**
   M = Mini
   C = Concave *(blue)*
   12 = 12 grooves
   Nozzles #2 - #5
7. **LDNPHDPCCDG17**
   PC = Part Circle *(170°)*
   C = Concave *(blue)*
   DG = Deep Groove
   17 = 17 grooves
   Nozzles #6 - #18

FLAT

1. **LDNPHDF** *(above)*
   F = Flat *(black)*
   (Standard 33 grooves)
   Nozzles #10 - #26
2. **LDNPHDFMG**
   F = Flat *(black)*
   MG = Medium Groove
   (33 grooves)
   Nozzles #10 - #26
3. **LDNPHDFDG**
   F = Flat *(black)*
   DG = Deep Groove
   (24 grooves)
   Nozzles #4 - #26
4. **LDNPHDMF**
   M = Mini
   F = Flat *(black)*
   (24 grooves)
   Nozzles #4 - #9
5. **LDNPHDFS**
   F = Flat *(black)*
   S = Smooth
   Nozzles #4 - #9.5
6. **LDNPHDMF12**
   M = Mini
   F = Flat *(black)*
   12 = 12 grooves
   Nozzles #2 - #5

CONVEX

1. **LDNPHDV** *(above)*
   V = Convex *(green)*
   (Standard 33 grooves)
   Nozzles #10 - #26
3. **LDNPHDVDG**
   V = Convex *(green)*
   DG = Deep Groove
   (24 grooves)
   Nozzles #4 - #26
4. **LDNPHDMV**
   M = Mini
   V = Convex *(green)*
   (24 grooves)
   Nozzles #4 - #9
5. **LDNPHDVS**
   V = Convex *(green)*
   S = Smooth
   Nozzles #4 - #9.5
6. **LDNPHDMV12**
   M = Mini
   V = Convex *(green)*
   12 = 12 grooves
   Nozzles #2 - #5

Maximum Spacing Recommendation:
Above crop canopy = 11 ft (3.4 m) for Concave or Flat
Above crop canopy = 10 ft (3 m) Convex
Below crop canopy = 7 ft (2.1 m) Concave, Flat, or Convex

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LDN® Deflector Pads

Double & Triple Pad Assemblies

1 LDNPHD2CC
2 = Double Pad
C = Concave *(blue)*
(33 grooves)
with 0.198" hole
C = Concave *(blue)*
(33 grooves)
Nozzles #15 - #19

2 LDNPHD2CF
2 = Double Pad
C = Concave *(blue)*
(33 groves)
with 0.198" hole
F = Flat *(black)*
(33 grooves)
Nozzles #15 - #19

3 LDNPHD2FF
2 = Double Pad
F = Flat *(black)*
(33 grooves)
with 0.198" hole
F = Flat *(black)*
(33 grooves)
Nozzles #15 - #19

4 LDNPHD3CFF
3 = Triple Pad
C = Concave *(blue)*
(33 grooves)
with 0.289" hole
F = Flat *(black)*
(33 grooves)
with 0.198" hole
F = Flat *(black)*
(33 grooves)
Nozzles #20 - #26

Above pad assemblies also available with LEPA or chemigation inserts. Consult factory for part numbers.

LDN® Deflector Pads

Chemigation Pad Inserts

INSERT	CONCAVE	FLAT	CONVEX
❶ **LDNPHDCM11** **CM11** = CM1 Corn Chem Insert *(red)* Nozzles #5 - #9	❶ **LDNPHDCB11** **C** = Concave *(blue)* *(Standard 33 grooves)* **B11** = CM1 Corn Chem Insert *(red)*	❶ **LDNPHDFB11** **F** = Flat *(black)* *(Standard 33 grooves)* **B11** = CM1 Corn Chem Insert *(red)*	❶ **LDNPHDVB11** **V** = Convex *(green)* *(Standard 33 grooves)* **B11** = CM1 Corn Chem Insert *(red)*
❷ **LDNPHDCM25** **CM25** = CM2 Corn Chem Insert *(maroon)* Nozzles #10 - #26	❷ **LDNPHDCB25** **C** = Concave *(blue)* *(Standard 33 grooves)* **B25** = CM2 Corn Chem Insert *(maroon)*	❷ **LDNPHDFB25** **F** = Flat *(black)* *(Standard 33 grooves)* **B25** = CM2 Corn Chem Insert *(maroon)*	❷ **LDNPHDVB25** **V** = Convex *(green)* *(Standard 33 grooves)* **B25** = CM2 Corn Chem Insert *(maroon)*
❸ **LDNPHDCT56** **CT56** = Cotton Chem Insert *(white)* Nozzles #5 - #24	❸ **LDNPHDCB56** **C** = Concave *(blue)* *(Standard 33 grooves)* **B56** = Cotton Chem Insert *(white)*	❸ **LDNPHDFB56** **F** = Flat *(black)* *(Standard 33 grooves)* **B56** = Cotton Chem Insert *(white)*	

Nozzle sizes for pads above are based on the recommended range for pad insert on the left.

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LDN® Deflector Pads

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LEPA Bubble Pad Insert (use with Shroud)

LDNSCUP3 = LDN Shroud with clips

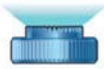
INSERTS

❶ **LDNPHDB**
B = Bubble
Insert *(beige)*
Nozzles #5 - #24

❷ **LDNPHDCM11**
CM11 = CM1
Corn Chem
Insert *(red)*
Nozzles #5 - #9

❸ **LDNPHDCM25**
CM25 = CM2
Corn Chem
Insert *(maroon)*
Nozzles #10 - #24

CONCAVE



❶ **LDNPHDCBB** *(above)*
C = Concave *(blue)*
(Standard 33 grooves)
BB = Bubble
Insert *(beige)*

LDNPHDMCBB
M = Mini
C = Concave *(blue)*
(24 grooves)
BB = Bubble
Insert *(beige)*

❷ **LDNPHDCB11**
C = Concave *(blue)*
(Standard 33 grooves)
B11 = CM1 Corn Chem
Insert *(red)*

❸ **LDNPHDCB25**
C = Concave *(blue)*
(Standard 33 grooves)
B25 = CM2 Corn Chem
Insert *(maroon)*

FLAT

❶ **LDNPHDFBB** *(above)*
F = Flat *(black)*
(Standard 33 grooves)
BB = Bubble
Insert *(beige)*

LDNPHDMFBB
M = Mini
F = Flat *(black)*
(24 grooves)
BB = Bubble
Insert *(beige)*

❷ **LDNPHDFB11**
F = Flat *(black)*
(Standard 33 grooves)
B11 = CM1 Corn Chem
Insert *(red)*

❸ **LDNPHDFB25**
F = Flat *(black)*
(Standard 33 grooves)
B25 = CM2 Corn Chem
Insert *(maroon)*

CONVEX

❶ **LDNPHDVBB** *(above)*
V = Convex *(green)*
(Standard 33 grooves)
BB = Bubble
Insert *(beige)*

LDNPHDMVBB
M = Mini
V = Convex *(green)*
(24 grooves)
BB = Bubble
Insert *(beige)*

❷ **LDNPHDVB11**
V = Convex *(green)*
(Standard 33 grooves)
B11 = CM1 Corn Chem
Insert *(red)*

❸ **LDNPHDVB25**
V = Convex *(green)*
(Standard 33 grooves)
B25 = CM2 Corn Chem
Insert *(maroon)*

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LDN® Deflector Pads

Wide Spray Bubble Assemblies

CONCAVE

1. **LDNDAHDCWSB**
   (above)
   C = Concave *(blue)*
   (33 grooves)
   WSB = Wide Spray
   Bubble Insert *(green)*
   Nozzles #4.5 - #15

2. **LDNDAHDMCWSB**
   M = Mini
   C = Concave *(blue)*
   (24 grooves)
   WSB = Wide Spray
   Bubble Insert *(green)*
   Nozzles #4.5 - #15

FLAT

1. **LDNDAHDFWSB**
   (above)
   F = Flat *(black)*
   (33 grooves)
   WSB = Wide Spray
   Bubble Insert *(green)*
   Nozzles #4.5 - #15

2. **LDNDAHDMFWSB**
   M = Mini
   F = Flat *(black)*
   (24 grooves)
   WSB = Wide Spray
   Bubble Insert *(green)*
   Nozzles #4.5 - #15

CONVEX

1. **LDNDAHDVWSB**
   (above)
   V = Convex *(green)*
   (33 grooves)
   WSB = Wide Spray
   Bubble Insert *(green)*
   Nozzles #4.5 - #15

2. **LDNDAHDMVWSB**
   M = Mini
   V = Convex *(green)*
   (24 grooves)
   WSB = Wide Spray
   Bubble Insert *(green)*
   Nozzles #4.5 - #15

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LDN® Deflector Pads

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LEPA UP3® Bubbler Pad Assemblies

CONCAVE

1. **LDNPHDCUP3B**
   C = Concave *(blue) (33)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
2. **LDNPHDCMGUP3B** *(above)*
   C = Concave *(blue)*
   MG = Medium Groove *(33)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
3. **LDNPHDCDGUP3B**
   C = Concave *(blue)*
   DG = Deep Groove *(24)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #4 - #26
4. **LDNPHDMCUP3B**
   M = Mini, **C** = Concave *(blue) (24)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #4 - #26
5. **LDNPHDCSUP3B**
   C = Concave *(blue)*
   S = Smooth
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
6. **LDNPHDMC12UP3B**
   M = Mini, **C** = Concave *(blue)*
   12 = 12 grooves
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #2 - #5

FLAT

1. **LDNPHDFUP3B**
   F = Flat *(black) (33)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
2. **LDNPHDFMGUP3B** *(above)*
   F = Flat *(black)*
   MG = Medium Groove *(33)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
3. **LDNPHDFDGUP3B**
   F = Flat *(black)*
   DG = Deep Groove *(24)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #4 - #26
4. **LDNPHDMFUP3B**
   M = Mini, **F** = Flat *(black) (24)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #4 - #26
5. **LDNPHDFSUP3B**
   F = Flat *(black)*
   S = Smooth
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
6. **LDNPHDMF12UP3B**
   M = Mini, **F** = Flat *(black)*
   12 = 12 grooves
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #2 - #5

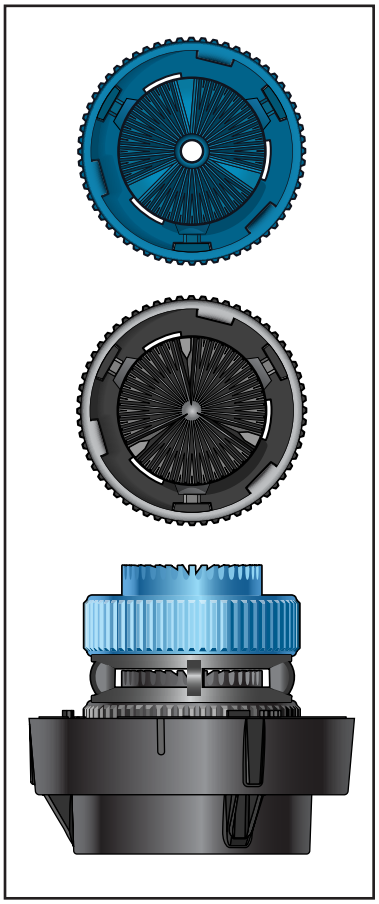
CONVEX

1. **LDNPHDVUP3B** *(above)*
   V = Convex *(green) (33)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
3. **LDNPHDVDGUP3B**
   V = Convex *(green)*
   DG = Deep Groove *(24)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #4 - #26
4. **LDNPHDMVUP3B**
   M = Mini, **V** = Convex *(green) (24)*
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #4 - #26
5. **LDNPHDVSUP3B**
   V = Convex *(green)*
   S = Smooth
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #10 - #26
6. **LDNPHDMV12UP3B**
   M = Mini, **V** = Convex *(green)*
   12 = 12 grooves
   UP3B = UP3 Bubbler Pad As'bly
   Nozzles #2 - #5

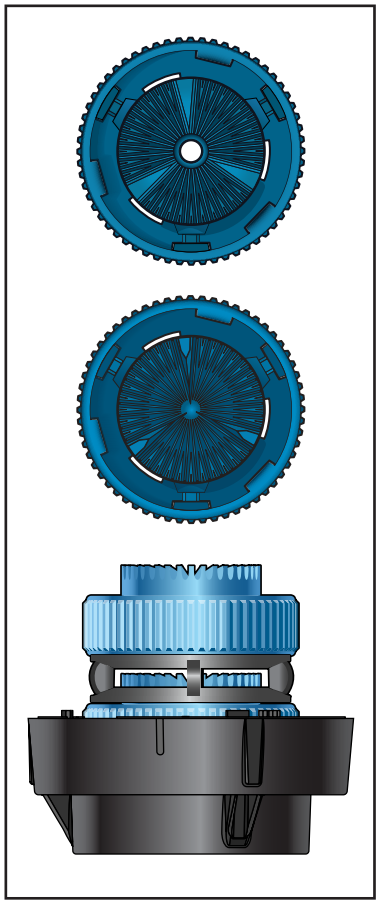
LDN® Deflector Pads

LEPA UP3® Bubbler Pad Assemblies - Double & Triple

DOUBLE

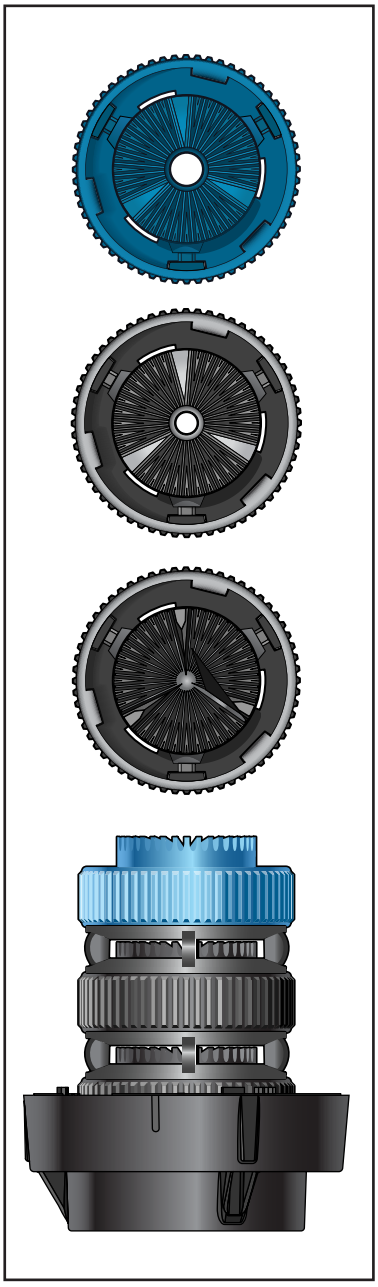


❶ **LDNPHD2CFUP3B**
2 = Double Pad
C = Concave *(blue) (33)*
with 0.198" hole
F = Flat *(black) (33)*
UP3B = UP3 Bubbler
Pad Assembly
Nozzles #10 - #26



❷ **LDNPHD2CCUP3B**
2 = Double Pad
C = Concave *(blue) (33)*
with 0.198" hole
C = Concave *(blue) (33)*
UP3B = UP3 Bubbler
Pad Assembly
Nozzles #10 - #26

TRIPLE



❸ **LDNPHD3CFFUP3B**
3 = Triple Pad
C = Concave *(blue) (33)*
with 0.298" hole
F = Flat *(black) (33)*
with 0.198" hole
F = Flat *(black) (33)*
UP3B = UP3 Bub. Pad As'bly
Nozzles #20 - #26

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