

|   |                                    |           |         |      |
|---|------------------------------------|-----------|---------|------|
| PAT.NO.:  |                                    |           |         |      |
| PRODUITS DE SERVICE PUBLICS INNOVA INC.<br>INNOVA PUBLIC UTILITY PRODUCTS INC.  |                                    |           |         |      |
| <small>© 9105-0732 QUEBEC INC. and under exclusive license to INNOVA PUBLIC UTILITY PRODUCTS INC., (hereafter « INNOVA »). All rights reserved. Protected under the Copyright Act of Canada and international treaties and agreements regarding copyrights. Violators are subject to prosecution and other legal recourses for infringement. Any reproduction, adaptation or other use or disclosure whatsoever, in totality or in part, and in any form or by any means whatsoever, strictly forbidden and requires the prior written approval of INNOVA. All data is the exclusive property of 9105-0732 QUEBEC INC. and under exclusive license to INNOVA and cannot be used nor disclosed in any way either without the prior written approval of INNOVA.</small> |                                    |           |         |      |
| WEIGHT:   | TITLE:                             |           |         |      |
| 59.0 Lb   | 76mm (3") Mural Adapter with 356mm |           |         |      |
| 26.8 Kg   | (14") Offset                       |           |         |      |
| COLOR:  | Material:                          | SHEET(S): | PROJET: | Rev. |
|   | SS 304                             | 1 / 5     | IN-2067 | 06   |

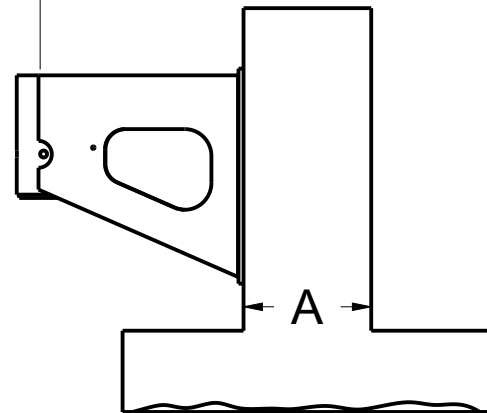
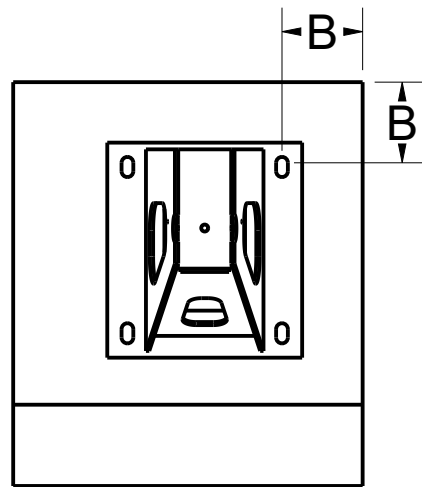
# Mural Adapter Installation Requirements

Product number: **IN-2067**

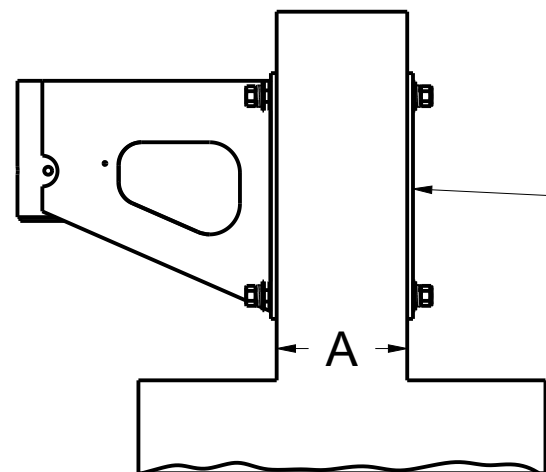
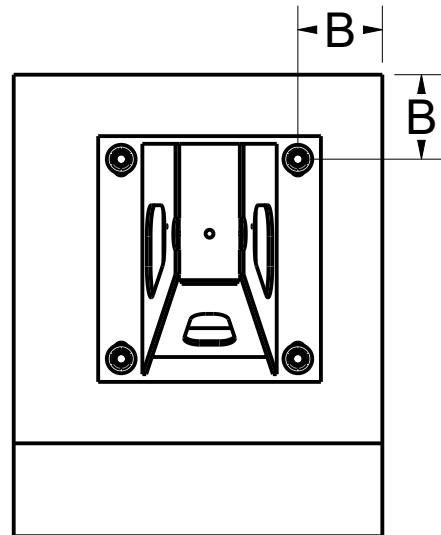
## Full Thickness Installation

Distance between center of mast and davit arm cable

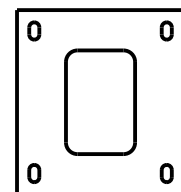
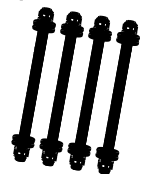
610  
[24.00]  
Max.



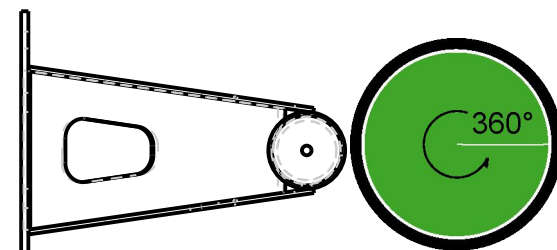
## Sandwich Installation



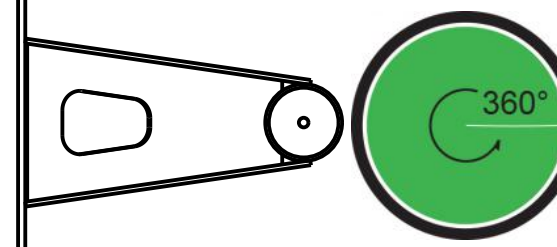
IN-2212  
(Option)



P2067-001  
Sandwich Plate  
Option)



Permissible Working  
Angle



Permissible Angle  
of Recuperation

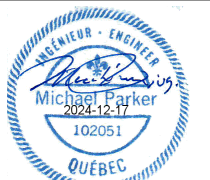
### ANSI, CSA, OSHA

|  | Full thickness                                | Example *                  | Sandwich                               | Example *                  |
|--|---|----------------------------|--|----------------------------|
| Minimum thickness (A)                          | Refer to fastener manufacturer specifications | 241 mm (9.50")             | To be determined by the local engineer | 216 mm (8.50")             |
| Minimum edge distance (B)                      | Refer to fastener manufacturer specifications | 191 mm (7.50")             | To be determined by the local engineer | 191 mm (7.50")             |
| Embedment depth                                | Refer to fastener manufacturer specifications | 152 mm (6.00")             | N / A                                  | N / A                      |
| Minimum pullout strength per fastener          | 22,9 kN (5 148 lbf)                           | 22,9 kN (5 148 lbf)        | 22,9 kN (5 148 lbf)                    | 22,9 kN (5 148 lbf)        |
| Maximum moment applied to the structure        | 15,8 kN•m (139 842 lbf•in)                    | 15,8 kN•m (139 842 lbf•in) | 15,8 kN•m (139 842 lbf•in)             | 15,8 kN•m (139 842 lbf•in) |
| Maximum vertical load applied to the structure | 22,3 kN (5 000 lbf)                           | 22,3 kN (5 000 lbf)        | 22,3 kN (5 000 lbf)                    | 22,3 kN (5 000 lbf)        |

**Note:**

1. It is the responsibility of the local engineer to assure installation compliance.
2. To be installed with 3/4" (M20) minimum  $\phi$  stainless steel anchors. Smaller anchors must be validated by the local engineer.
3. All other variation must be approved by the local engineer.
4. \*Typical installation concrete for 21 MPa (3000 psi) and 0.2% gross area rebar reinforcement.
5. Tolerance of flatness around adapter contour and wall shall not exceed 3/8" (9,5mm).

PAT.NO.:



PRODUITS DE SERVICE PUBLICS INNOVA INC.  
INNOVA PUBLIC UTILITY PRODUCTS INC.

© 9105-0732 QUEBEC INC. and under exclusive license to INNOVA PUBLIC UTILITY PRODUCTS INC., (hereafter « INNOVA »). All rights reserved. Protected under the Copyright Act of Canada and international treaties and agreements regarding copyrights. Violators are subject to prosecution and other legal recourses for infringement. Any reproduction, adaptation or other use or disclosure whatsoever, in totality or in part, and in any form or by any means whatsoever, strictly forbidden and requires the prior written approval of INNOVA. All data is the exclusive property of 9105-0732 QUEBEC INC. and under exclusive license to INNOVA and cannot be used nor disclosed in any way either without the prior written approval of INNOVA.

WEIGHT:

59.0 Lb  
26.8 Kg

TITLE:

76mm (3") Mural Adapter with 356mm  
(14") Offset

COLOR:

Material:

SS 304

SHEET(S):

2 / 5

PROJET:

IN-2067

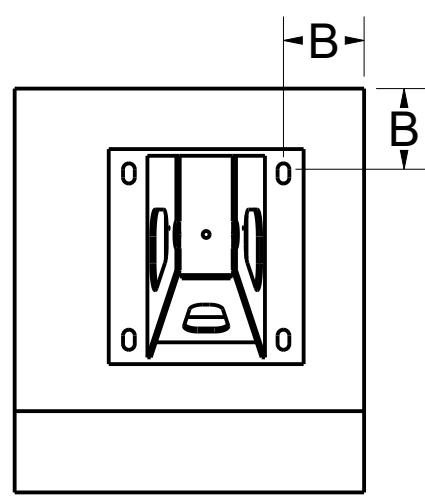
Rev.

06

# Mural Adapter Installation Requirements

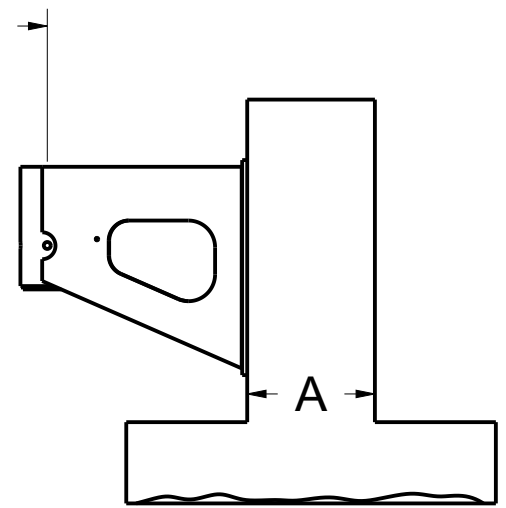
Product number: **IN-2067**

## Full Thickness Installation

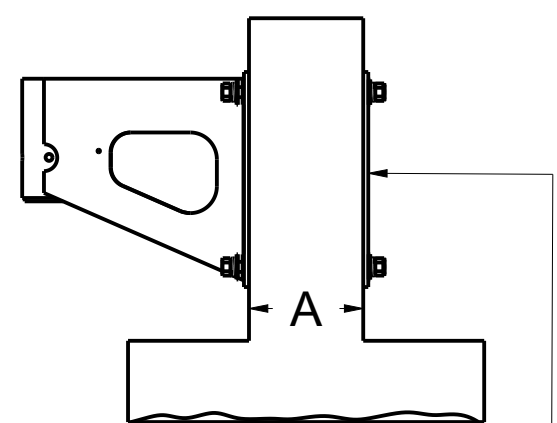
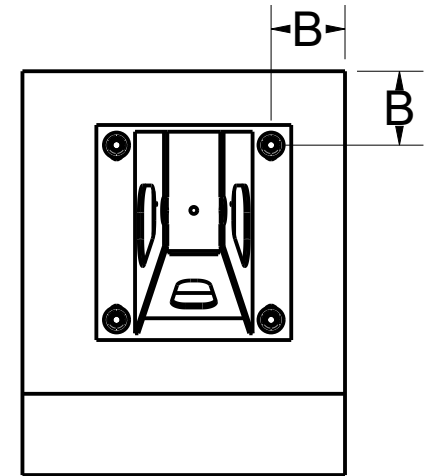


Distance between center of mast and davit arm cable

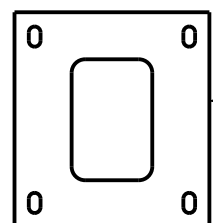
610  
[24.00]  
Max.



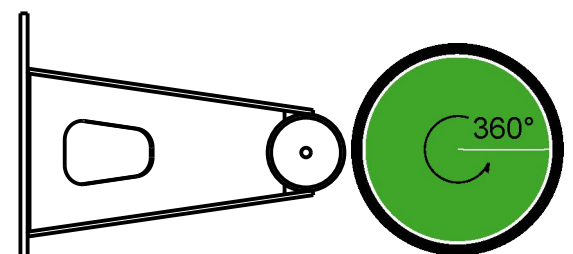
## Sandwich Installation



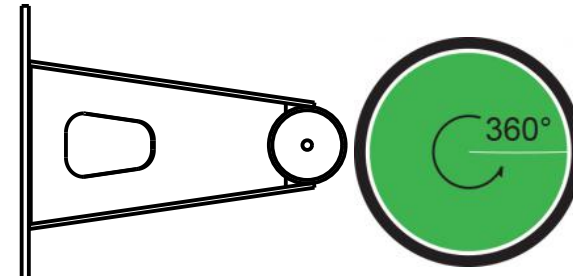
IN-2212  
(Option)



P2067-001  
Sandwich Plate  
Option)



Permissible Working  
Angle



Permissible Angle  
of Recuperation

| EN 795, TS16415                                |   |  |
|--|---|--|
|  | Full thickness                                | Sandwich                               |
| Minimum thickness (A)                          | Refer to fastener manufacturer specifications | To be determined by the local engineer |
| Minimum edge distance (B)                      | Refer to fastener manufacturer specifications | To be determined by the local engineer |
| Embedment depth                                | Refer to fastener manufacturer specifications | To be determined by the local engineer |
| Minimum pullout strength per fastener          | 18,6 kN (4 181 lbf)                           | 18,6 kN (4 181 lbf)                    |
| Maximum moment applied to the structure        | 12,8 kN•m (113 289 lbf•in)                    | 12,8 kN•m (113 289 lbf•in)             |
| Maximum vertical load applied to the structure | 13,0 kN (2 923 lbf)                           | 13,0 kN (2 923 lbf)                    |

- Note:
1. It is the responsibility of the local engineer to assure installation compliance.
  2. To be installed with 3/4" (M20) minimum  $\varnothing$  stainless steel anchors. Smaller anchors must be validated by the local engineer.
  3. All other variation must be approved by the local engineer.
  4. Tolerance of flatness around adapter contour and wall shall not exceed 3/8" (9,5mm).

PAT.NO.:

PRODUITS DE SERVICE PUBLICS INNOVA INC.  
INNOVA PUBLIC UTILITY PRODUCTS INC.

© 9105-0732 QUEBEC INC. and under exclusive license to INNOVA PUBLIC UTILITY PRODUCTS INC. (hereafter « INNOVA »). All rights reserved. Protected under the Copyright Act of Canada and international treaties and agreements regarding copyrights. Violators are subject to prosecution and other legal recourses for infringement. Any reproduction, adaptation or other use or disclosure whatsoever, in totality or in part, and in any form or by any means whatsoever, strictly forbidden and requires the prior written approval of INNOVA. All data is the exclusive property of 9105-0732 QUEBEC INC. and under exclusive license to INNOVA and cannot be used nor disclosed in any way either without the prior written approval of INNOVA.

WEIGHT: 59.0 Lb  
26.8 Kg

TITLE: 76mm (3") Mural Adapter with 356mm (14") Offset

|        |           |           |         |      |
|--------|-----------|-----------|---------|------|
| COLOR: | Material: | SHEET(S): | PROJET: | Rev. |
|        | SS 304    | 3 / 5     | IN-2067 | 06   |

**SPECIFICATIONS**

This equipment is considered as part of a personal fall arrest system (PFAS).  
 It is only to be used in conjunction with a personal fall arrest system that limits the maximum arrest force (MAF) to 6,0 kN.

|                             |            |                  |
|-----------------------------|------------|------------------|
| Working load limit (WLL) :  | 164 kg     | (360 lb)         |
| Minimum breaking strength : | 16,0 kN    | (3 600 lbf)      |
| Maximum working moment :    | 1,580 kN•m | (13 984 lbf•in)  |
| Maximum design moment :     | 15,8 kN•m  | (139 842 lbf•in) |

**STANDARDS**

| Name              | Classification | Year | Users |
|-------------------|----------------|------|-------|
| ANSI Z359.1       |                | 2007 | 1     |
| CSA Z259.2.1      |                | 1998 | 1     |
| OSHA 1910.66 AppC |                |      | 1     |
| EN 795            |                | 2012 | 1     |
| TS 16415          |                | 2013 | 2     |

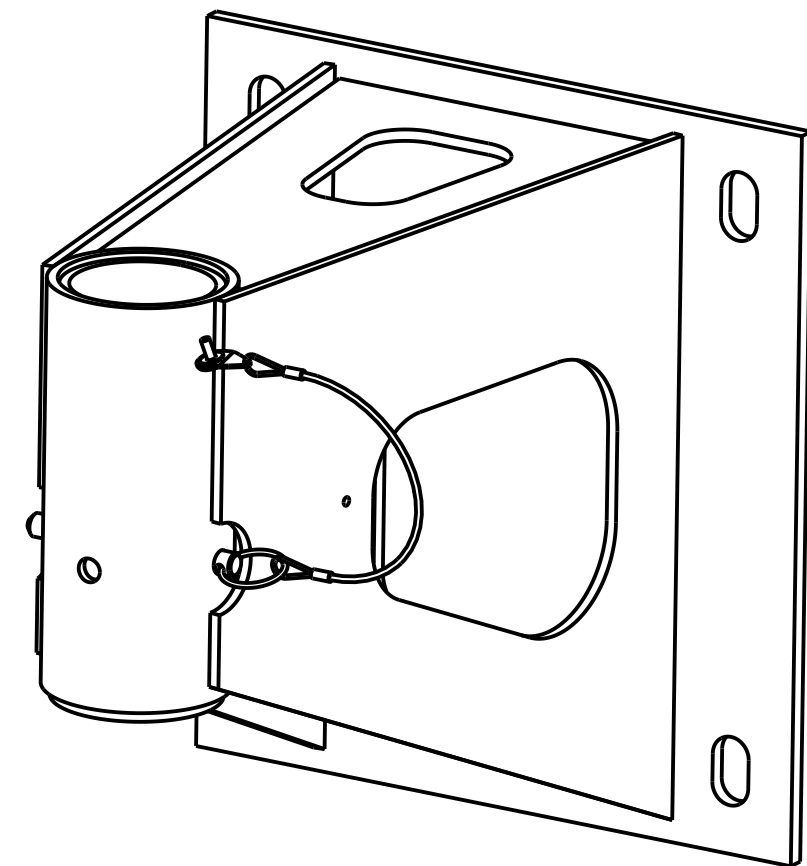
**MATERIAL AND CONSTRUCTION**

Structure : Stainless Steel 304  
 Hardware : Stainless Steel  
 Welding certification : Steel / Stainless Steel : CSA W59.18 / CSA W47.1 and AWS D1.6

**RESTRICTIONS**

This equipment is to be used only with products approved by Innova Public Utility Products Inc.  
 This equipment must always be operated on a level surface.  
 Ensure that all hardwares and connecting pins are properly installed before use.  
 In the occurrence of a fall or that the safety of the equipment is in doubt, the equipment must be immediately removed from service and inspected by qualified personnel before reuse.

Product number: **IN-2067**



|   |                                    |           |         |      |
|---|------------------------------------|-----------|---------|------|
| PAT.NO.:  |                                    |           |         |      |
| PRODUITS DE SERVICE PUBLICS INNOVA INC.<br>INNOVA PUBLIC UTILITY PRODUCTS INC.  |                                    |           |         |      |
| <small>© 9105-0732 QUEBEC INC. and under exclusive license to INNOVA PUBLIC UTILITY PRODUCTS INC., (hereafter « INNOVA »). All rights reserved. Protected under the Copyright Act of Canada and international treaties and agreements regarding copyrights. Violators are subject to prosecution and other legal recourses for infringement. Any reproduction, adaptation or other use or disclosure whatsoever, in totality or in part, and in any form or by any means whatsoever, strictly forbidden and requires the prior written approval of INNOVA. All data is the exclusive property of 9105-0732 QUEBEC INC. and under exclusive license to INNOVA and cannot be used nor disclosed in any way either without the prior written approval of INNOVA.</small> |                                    |           |         |      |
| WEIGHT:   | TITLE:                             |           |         |      |
| 59.0 Lb   | 76mm (3") Mural Adapter with 356mm |           |         |      |
| 26.8 Kg   | (14") Offset                       |           |         |      |
| COLOR:  | Material:                          | SHEET(S): | PROJET: | Rev. |
|   | SS 304                             | 4 / 5     | IN-2067 | 06   |

8

7

6

5

4

3

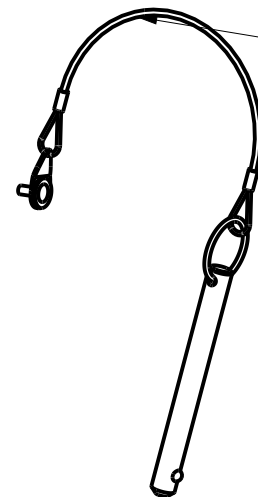
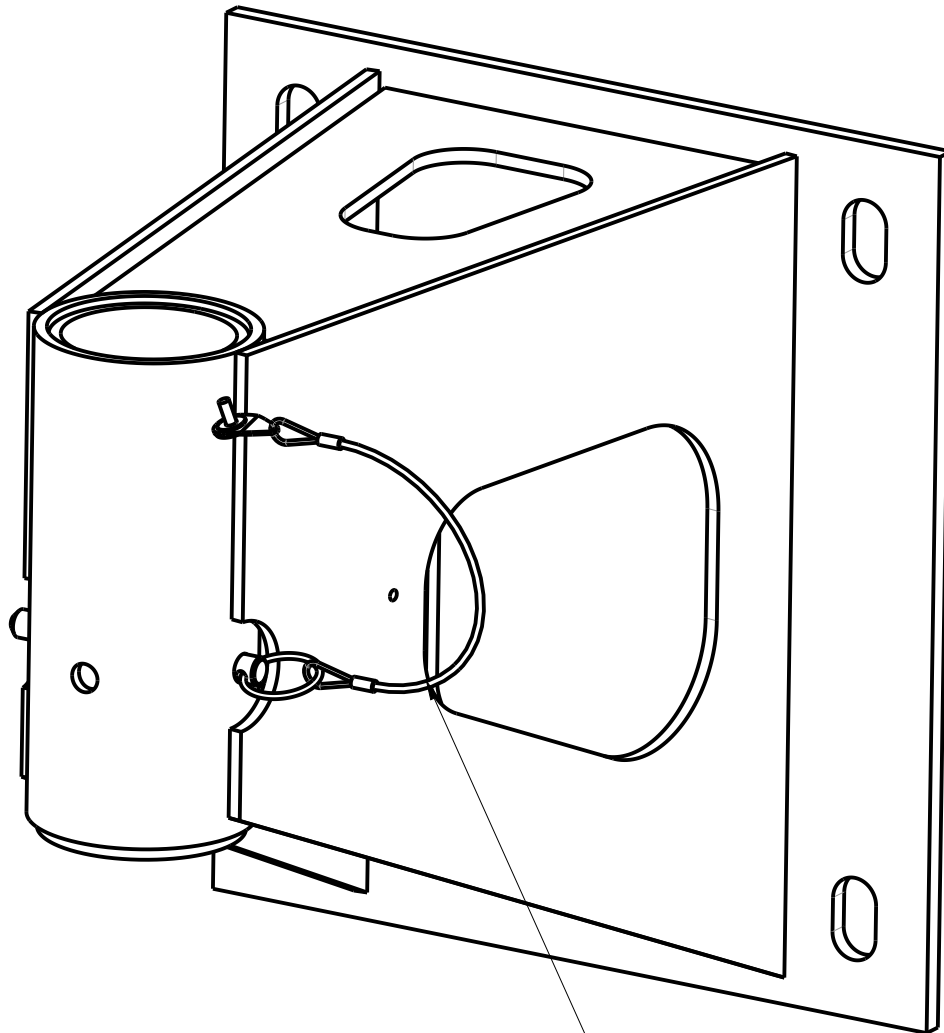
2

1


Product number: IN-2067

H  
G  
F  
E  
D  
C  
B  
A

H  
G  
F  
E  
D  
C  
B  
A



A2005-07

|  |                                    |   |         |      |
|--|------------------------------------|---|---------|------|
| PAT.NO.:   |                                    |  |         |      |
| PRODUITS DE SERVICE PUBLICS INNOVA INC.<br>INNOVA PUBLIC UTILITY PRODUCTS INC.   |                                    |   |         |      |
| <small>© 9105-0732 QUEBEC INC. and under exclusive license to INNOVA PUBLIC UTILITY PRODUCTS INC., (hereafter « INNOVA »). All rights reserved. Protected under the Copyright Act of Canada and international treaties and agreements regarding copyrights. Violators are subject to prosecution and other legal recourses for infringement. Any reproduction, adaptation or other use or disclosure whatsoever, in totality or in part, and in any form or by any means whatsoever, strictly forbidden and requires the prior written approval of INNOVA. All data is the exclusive property of 9105-0732 QUEBEC INC. and under exclusive license to INNOVA and cannot be used nor disclosed in any way either without the prior written approval of INNOVA».</small> |                                    |   |         |      |
| WEIGHT:  | TITLE:                             |   |         |      |
| 59.0 Lb  | 76mm (3") Mural Adapter with 356mm |   |         |      |
| 26.8 Kg  | (14") Offset                       |   |         |      |
| COLOR:   | Material:                          | SHEET(S):   | PROJET: | Rev. |
|  | SS 304                             | 5 / 5   | IN-2067 | 06   |

8

7

6

5

4

3

2

1