

### FEATURES

- For solvent and water-based paints
- All versions mounted on cart with:
  - Air regulator
  - Paint filter unit
  - Dip tube with filter
  - Fluid recirculation hose
  - Overpressure valve
  - Antipulsation hose (optional)

### TECHNICAL

| ALS-333 C  | 25:1 | 170/2,456 | 6.8/98 | 2.5 (90 cyc)  | 50 |
|------------|------|-----------|--------|---------------|----|
| ALS-423 TX | 23:1 | 156/2,262 |        | 8.0 (100 cyc) | 30 |
| ALS-433 C  | 30:1 | 204/2,958 |        | 5.0 (90 cyc)  | 50 |
| ALS-433 TX | 30:1 |           |        | 5.0 (90 cyc)  | 30 |

Air Nipple: G1/4" • Fluid Nipple: G1/4"

### ALS-333 C

Pump - PP1251C

### ALS-423 TX

Pump - PP4231NE

### ALS-433 C | ALS-433 TX

Pump - PP4301C

Pump - PP4301CNE

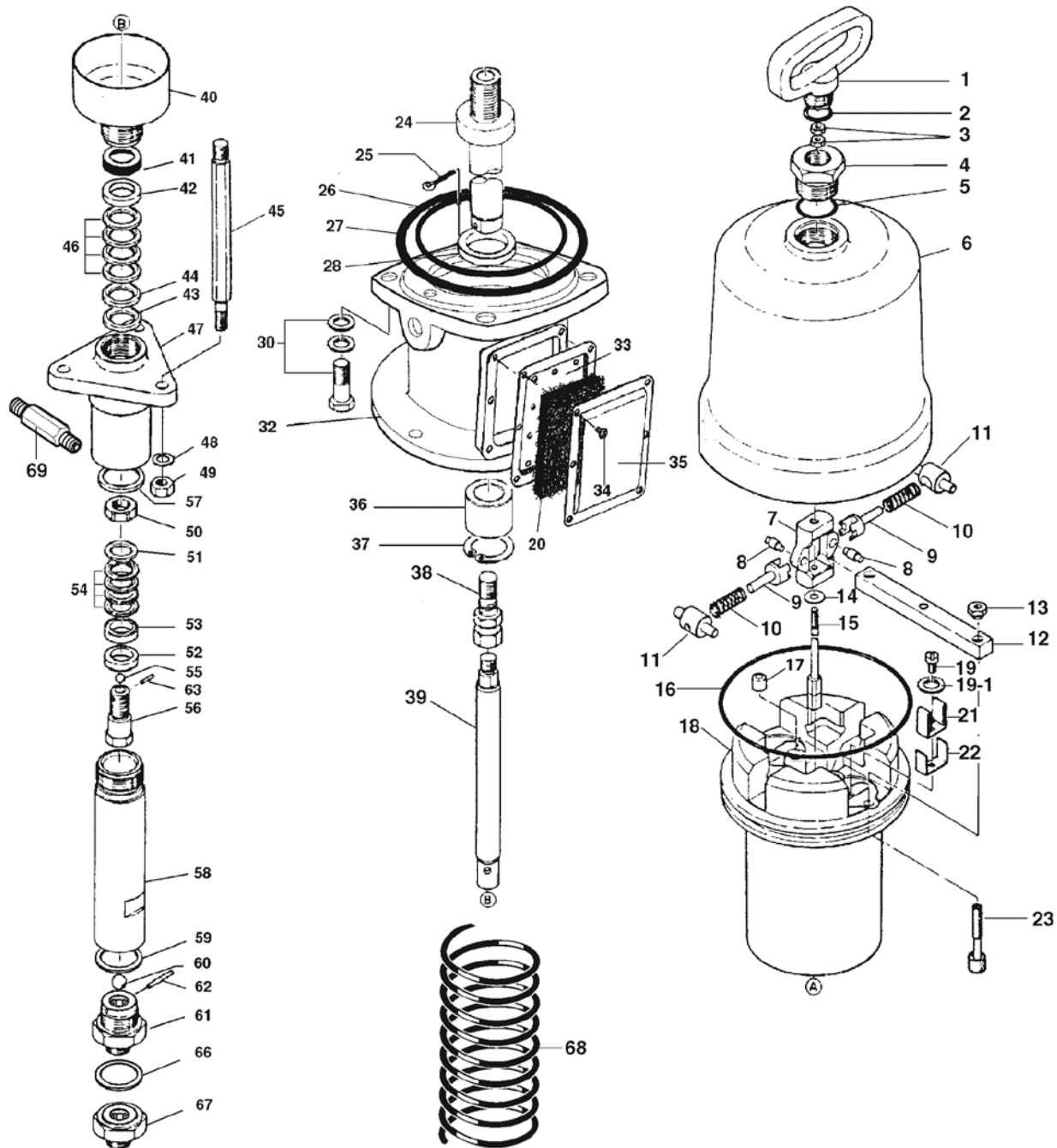


### ORDER Information - AIRLESS UNITS

| Code         | Description                                                 |
|--------------|-------------------------------------------------------------|
| 7510B        | ALS-333 C AIRLESS UNIT                                      |
| 7516         | ALS-423 TX AIRLESS UNIT with STAINLESS STEEL PAINT PASSAGES |
| 1405834800   | ALS-433 C AIRLESS UNIT with STAINLESS STEEL PAINT PASSAGES  |
| 1A301W083100 | ALS-433 TX AIRLESS UNIT (WATER BASED VERSION)               |

### ACCESSORIES

| Code       | Description                                                   | for Version                            |
|------------|---------------------------------------------------------------|----------------------------------------|
| 8132       | TF 8 COMPLETE FILTER SET                                      | for ALS 333 C- ALS 433 C               |
| 1457000000 | TF 8N COMPLETE FILTER SET                                     | for ALS 423 TX- ALS 433 TX             |
| 0200309101 | AIR REGULATOR SET                                             | for ALS 333 C                          |
| 0200309401 | AIR REGULATOR SET                                             | for ALS 423 TX- ALS 433 C - ALS 433 TX |
| 0101009000 | DIP TUBE SET (50 mesh filter)                                 | for ALS 333 C - ALS 433 C              |
| 0101030000 | DIP TUBE SET with STAINLESS STEEL CONNECTION (30 mesh filter) | for ALS 423 TX- ALS 433 TX             |



## ALS-333 C | ALS-423 TX | ALS-433 C | ALS-433 TX

| Ref. | Code       | Description                    |             | ALS-333 C | ALS-423 TX | ALS-433 C | ALS-433 TX |
|------|------------|--------------------------------|-------------|-----------|------------|-----------|------------|
| 1    | 04470100   | HANDLE                         |             | X         | X          | X         | X          |
| 2    | 94447100   | PACKING                        |             | X         | X          | X         | X          |
| 3    | UL300702   | HEXAGON NUT                    |             | X         | X          | X         | X          |
| 4    | 04435100   | HEAD BOLT                      |             | X         |            |           |            |
| 4    | 04435150   | HEAD BOLT                      |             |           | X          | X         | X          |
| 5    | 06630030   | O RING                         |             | X         | X          | X         | X          |
| 6    | 0440110000 | AIR CYLINDER                   |             | X         |            |           |            |
| 6    | 0440115000 | AIR CYLINDER                   |             |           | X          | X         | X          |
| 7    | 04409100   | CHANGEOVER MAIN BODY           |             | X         |            |           |            |
| 7    | 04409150   | CHANGEOVER MAIN BODY           |             |           | X          | X         | X          |
| 8    | 04420100   | PIN                            |             | X         |            |           |            |
| 8    | 04420150   | PIN                            |             |           | X          | X         | X          |
| 9    | 04411100   | CHANGEOVER PIN                 |             | X         |            |           |            |
| 9    | 04411150   | CHANGEOVER PIN                 |             |           | X          | X         | X          |
| 10   | 04412100   | SPRING                         |             | X         |            |           |            |
| 10   | 04412150   | SPRING                         |             |           | X          | X         | X          |
| 11   | 04419100   | SPRING HOLDER                  |             | X         |            |           |            |
| 11   | 04419150   | SPRING HOLDER                  |             |           | X          | X         | X          |
| 12   | 04407100   | CHANGEOVER BAR                 |             | X         |            |           |            |
| 12   | 04407150   | CHANGEOVER BAR                 |             |           | X          | X         | X          |
| 13   | 04415100   | NUT                            |             | X         |            |           |            |
| 13   | 04415150   | NUT                            |             |           | X          | X         | X          |
| 14   | 04444110   | WASHER                         |             | X         | X          | X         | X          |
| 15   | 04410100   | CHANGEOVER ROD                 |             | X         |            |           |            |
| 15   | 04410150   | CHANGEOVER ROD                 |             |           | X          | X         | X          |
| 16   | 06638043   | PISTON O-RING                  |             | X         |            |           |            |
| 16   | 06630145   | PISTON O-RING                  |             |           | X          | X         | X          |
| 17   | 94935680   | EXHAUST PACKING SET            | 2 pcs./1pk. | X         | X          | X         | X          |
| 18   | 0440310000 | AIR PISTON                     |             | X         |            |           |            |
| 18   | 0440315000 | AIR PISTON                     |             |           | X          | X         | X          |
| 19   | UL300606   | SCREW                          |             | X         | X          | X         | X          |
| 19-1 | UL300820   | SPRING WASHER                  |             | X         | X          | X         | X          |
| 20   | UM331028   | MUFFLER FILTER                 |             | X         | X          | X         | X          |
| 21   | 04408100   | CHANGEOVER BAR SUPPORT         |             | X         |            |           |            |
| 21   | 04408150   | CHANGEOVER BAR SUPPORT         |             |           | X          | X         | X          |
| 22   | 04413100   | REINFORCE PLATE                |             | X         |            |           |            |
| 22   | 04413150   | REINFORCE PLATE                |             |           | X          | X         | X          |
| 23   | 04934690   | VALVE SHAFT KIT                | 2 pcs./1pk. | X         |            |           |            |
| 23   | 04936570   | VALVE SHAFT KIT                | 2 pcs./1pk. |           | X          | X         | X          |
| 24   | 04479100   | PISTON ROD                     |             | X         |            |           |            |
| 24   | 04479150   | PISTON ROD                     |             |           | X          | X         | X          |
| 25   | UM330155   | SPLIT PIN                      |             | X         | X          | X         | X          |
| 26   | 96638039   | O RING                         |             | X         |            |           |            |
| 26   | 96630112   | O RING                         |             |           | X          | X         | X          |
| 27   | 96634120   | O RING                         |             | X         |            |           |            |
| 27   | 96637537   | O RING                         |             |           | X          | X         | X          |
| 28   | 04459100   | STOPPER                        |             | X         | X          | X         | X          |
| 30   | 06137130   | BOLT + WASHER                  |             | X         |            |           |            |
| 30   | 06137830   | BOLT + WASHER                  |             |           | X          | X         | X          |
| 32   | UM33102102 | MAIN BODY                      |             | X         |            |           |            |
| 32   | UM43102102 | MAIN BODY                      |             |           | X          | X         | X          |
| 33   | UM331027   | MUFFLER PLATE                  |             | X         | X          | X         | X          |
| 34   | UL300620   | SCREW                          |             | X         | X          | X         | X          |
| 35   | UM331026   | EXHAUST COVER                  |             | X         | X          | X         | X          |
| 36   | 04431100   | BUSHING                        |             | X         |            |           |            |
| 36   | 04431150   | BUSHING                        |             |           | X          | X         | X          |
| 37   | UL300804   | STOPPER                        |             | X         |            |           |            |
| 37   | UM431060   | STOPPER                        |             |           | X          | X         | X          |
| 38   | 04485100   | CONNECTING ADAPTOR             |             | X         |            |           |            |
| 38   | 04485150   | CONNECTING ADAPTOR             |             |           | X          | X         | X          |
| 39   | 04430100   | ROD                            |             | X         |            |           |            |
| 39   | 0231001000 | ROD                            |             |           | X          |           |            |
| 39   | 04430150   | ROD                            |             |           |            | X         |            |
| 39   | 04002790   | ROD                            |             |           |            |           | X          |
| 39   | 0443021000 | ROD                            |             |           |            |           |            |
| 40   | 0448210003 | THINNER CUP SET                |             | X         |            |           |            |
| 40   | 0231002001 | THINNER CUP SET                |             |           | X          |           |            |
| 40   | 0448215002 | THINNER CUP SET                |             |           |            | X         |            |
| 40   | 0171003001 | THINNER CUP SET                |             |           |            |           | X          |
| 40   | 0448220001 | THINNER CUP SET                |             |           |            |           |            |
| 41   | 04471100   | SLEEVE                         |             | X         |            |           |            |
| 41   | 04010700   | SLEEVE                         |             |           | X          |           |            |
| 41   | 04471150   | SLEEVE                         |             |           |            | X         |            |
| 41   | 0171009000 | SLEEVE                         |             |           |            |           | X          |
| 41   | 0447120000 | SLEEVE                         |             |           |            |           |            |
| 42   | 94441100   | V PACKING FEMALE UPPER ADAPTOR |             | X         |            |           |            |
| 42   | 0231003000 | V PACKING FEMALE UPPER ADAPTOR |             |           | X          |           |            |
| 42   | 94441150   | V PACKING FEMALE UPPER ADAPTOR |             |           |            | X         |            |
| 42   | 04004790   | V PACKING FEMALE UPPER ADAPTOR |             |           |            |           | X          |
| 42   | 0444120000 | V PACKING FEMALE UPPER ADAPTOR |             |           |            |           |            |
| 43   | 04401110   | SPACER                         |             | X         |            |           |            |
| 43   | 0231025000 | SPACER                         |             |           | X          |           |            |
| 43   | 04401160   | SPACER                         |             |           |            | X         | X          |



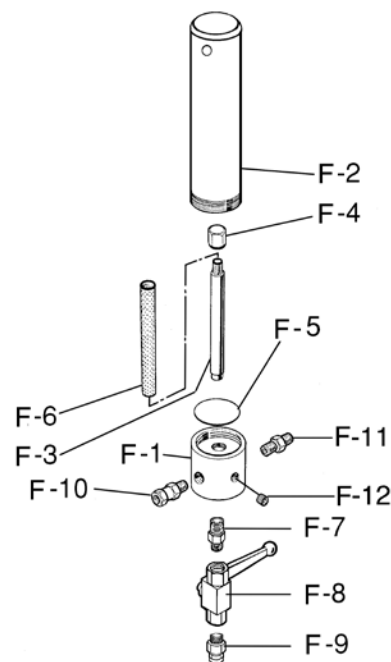
## ALS-333 C | ALS-423 TX | ALS-433 C | ALS-433 TX

| Ref. | Code       | Description                    |             | ALS-333 C | ALS-423 TX | ALS-433 C | ALS-433 TX |
|------|------------|--------------------------------|-------------|-----------|------------|-----------|------------|
| 43   | 04001160   | SPACER                         |             |           |            |           |            |
| 44   | 04443100   | V PACKING MALE UPPER ADAPTOR   |             | X         |            |           |            |
| 44   | 0231005000 | V PACKING MALE UPPER ADAPTOR   |             |           | X          |           |            |
| 44   | 04443150   | V PACKING MALE UPPER ADAPTOR   |             |           |            | X         |            |
| 44   | 04000800   | V PACKING MALE UPPER ADAPTOR   |             |           |            |           | X          |
| 44   | 0444320000 | V PACKING MALE UPPER ADAPTOR   |             |           |            |           |            |
| 45   | 0443011000 | CONNECTING ROD                 |             | X         |            |           |            |
| 45   | 0231022001 | CONNECTING ROD                 |             |           | X          |           | X          |
| 45   | 0443016000 | CONNECTING ROD                 |             |           |            | X         |            |
| 46   | 0493210000 | UPPER V PACKING SET            | 4 pcs./1pk. | X         |            |           |            |
| 46   | 0494231100 | UPPER V PACKING SET            | 4 pcs./1pk. |           | X          |           |            |
| 46   | 0494015000 | UPPER V PACKING SET            | 4 pcs./1pk. |           |            | X         | X          |
| 46   | 0494020000 | UPPER V PACKING SET            | 4 pcs./1pk. |           |            |           |            |
| 47   | 0448310100 | SUCTION MAIN BODY              |             | X         |            |           |            |
| 47   | 0231008001 | SUCTION MAIN BODY              |             |           | X          |           | X          |
| 47   | 0448315100 | SUCTION MAIN BODY              |             |           |            | X         |            |
| 47   | 0448320200 | SUCTION MAIN BODY              |             |           |            |           |            |
| 48   | UL300802   | SPRING WASHER                  |             | X         | X          | X         | X          |
| 49   | UL300703   | HEXAGON NUT                    |             | X         | X          | X         | X          |
| 50   | 94445110   | NUT                            |             | X         |            |           |            |
| 50   | 0231020000 | NUT                            |             |           | X          |           |            |
| 50   | 94414150   | NUT                            |             |           |            | X         |            |
| 50   | 04000790   | NUT                            |             |           |            |           | X          |
| 50   | 0444520000 | NUT                            |             |           |            |           |            |
| 51   | 04443110   | V PACKING MALE LOWER ADAPTOR   |             | X         |            |           |            |
| 51   | 0231019000 | V PACKING MALE LOWER ADAPTOR   |             |           | X          |           |            |
| 51   | 94443161   | V PACKING MALE LOWER ADAPTOR   |             |           |            | X         |            |
| 51   | 04001800   | V PACKING MALE LOWER ADAPTOR   |             |           |            |           | X          |
| 51   | 0444321100 | V PACKING MALE LOWER ADAPTOR   |             |           |            |           |            |
| 52   | 04402110   | LOWER DISTANCE RING            |             | X         |            |           |            |
| 52   | 0231010000 | LOWER DISTANCE RING            |             |           | X          |           |            |
| 52   | 04400160   | LOWER DISTANCE RING            |             |           |            | X         |            |
| 52   | 0400016000 | LOWER DISTANCE RING            |             |           |            |           | X          |
| 53   | 04441110   | V PACKING FEMALE LOWER ADAPTOR |             | X         |            |           |            |
| 53   | 0231017000 | V PACKING FEMALE LOWER ADAPTOR |             |           | X          |           |            |
| 53   | 04441160   | V PACKING FEMALE LOWER ADAPTOR |             |           |            | X         |            |
| 53   | 04005790   | V PACKING FEMALE LOWER ADAPTOR |             |           |            |           | X          |
| 53   | 0444121100 | V PACKING FEMALE LOWER ADAPTOR |             |           |            |           |            |
| 54   | 0493010000 | LOWER V PACKING SET            | 4 pcs./1pk. | X         |            |           |            |
| 54   | 0494231200 | LOWER V PACKING SET            | 4 pcs./1pk. |           | X          |           |            |
| 54   | 0494215000 | LOWER V PACKING SET            | 4 pcs./1pk. |           |            | X         | X          |
| 54   | 0494220000 | LOWER V PACKING SET            | 4 pcs./1pk. |           |            |           |            |
| 55   | 96662025   | BALL                           |             | X         |            | X         |            |
| 55   | 06662040   | BALL                           |             |           | X          |           |            |
| 55   | 06662026   | BALL                           |             |           |            |           | X          |
| 56   | 04461100   | VALVE HOLDER SET               |             | X         |            |           |            |
| 56   | 0231029001 | VALVE HOLDER SET               |             |           | X          |           |            |
| 56   | 04460160   | VALVE HOLDER SET               |             |           |            | X         |            |
| 56   | 0446017100 | VALVE HOLDER SET               |             |           |            |           | X          |
| 56   | 0446120000 | VALVE HOLDER SET               |             |           |            |           |            |
| 57   | 94447600   | UPPER PACKING                  |             | X         |            |           |            |
| 57   | 0231007000 | UPPER PACKING                  |             |           | X          |           |            |
| 57   | 94447150   | UPPER PACKING                  |             |           |            | X         |            |
| 57   | 0231015000 | UPPER PACKING                  |             |           |            |           | X          |
| 57   | 0444720000 | UPPER PACKING                  |             |           |            |           |            |
| 58   | 0443410001 | SUCTION TUBE                   |             | X         |            |           |            |
| 58   | 0231024000 | SUCTION TUBE                   |             |           | X          |           |            |
| 58   | 0443415001 | SUCTION TUBE                   |             |           |            | X         |            |
| 58   | 0171001000 | SUCTION TUBE                   |             |           |            |           | X          |
| 58   | 0443420000 | SUCTION TUBE                   |             |           |            |           |            |
| 59   | 94447610   | LOWER PACKING                  |             | X         |            |           |            |
| 59   | 0231030000 | LOWER PACKING                  |             |           | X          |           | X          |
| 59   | 94447160   | LOWER PACKING                  |             |           |            | X         |            |
| 60   | 96662050   | BALL                           |             | X         |            | X         |            |
| 60   | 06662051   | BALL                           |             |           | X          |           | X          |
| 60   | 06662040   | BALL                           |             |           |            |           |            |
| 61   | 04407060   | VALVE ADAPTOR SET              |             | X         |            |           |            |
| 61   | 0231028000 | VALVE ADAPTOR SET              |             |           | X          |           | X          |
| 61   | 04460150   | VALVE ADAPTOR SET              |             |           |            | X         |            |
| 61   | 0446020000 | VALVE ADAPTOR SET              |             |           |            |           |            |
| 62   | 04420600   | PIN                            |             | X         |            |           |            |
| 62   | 0231023000 | PIN                            |             |           | X          |           | X          |
| 62   | 04420160   | PIN                            |             |           |            | X         |            |
| 63   | 04420170   | PIN                            |             |           |            | X         | X          |
| 63   | 0657502000 | PIN                            |             |           |            |           |            |
| 64   | 0231009000 | SCREW                          |             |           | X          |           |            |
| 65   | 0231014000 | SPRING                         |             |           | X          |           |            |
| 66   | 0231031000 | PACKING                        |             |           | X          |           | X          |
| 67   | UL30046400 | NIPPLE                         |             |           | X          |           | X          |
| 68   | 04413050   | SPRING                         |             | X         | X          | X         | X          |
| 69   | UM43061000 | FLUID OUTPUT JOINT             |             |           | X          |           |            |
| 69   | UM43060900 | FLUID OUTPUT JOINT             |             |           |            |           | X          |
| 72   | UM43061101 | FLUID OUTPUT JOINT             |             | X         |            | X         |            |

## PAINT FILTER UNITS

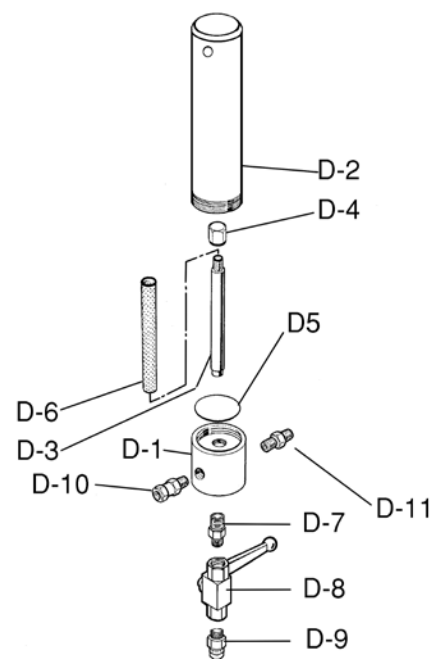
### TF8 for ALS-333 C | ALS-433 C | MSU-323 C

| Ref. | Code              | Description                          |                     |
|------|-------------------|--------------------------------------|---------------------|
|      | <b>1456000000</b> | <b>TF8 COMPLETE PAINT FILTER SET</b> |                     |
| F-1  | 04560670          | BODY                                 |                     |
| F-2  | 04561670          | CYLINDER                             |                     |
| F-3  | 0457000300        | SCREW                                |                     |
| F-4  | 0457000400        | NUT                                  |                     |
| F-5  | 96639045          | O RING                               |                     |
| F-6  | AG10005000        | FILTER 60 Mesh                       |                     |
| F-6  | VFM2503           | FILTER 100 Mesh                      |                     |
| F-7  | UL300020          | NIPPLE                               | R 3/8" M - R 1/4" M |
| F-8  | UL300900          | DRAIN VALVE                          | G 1/4" FF           |
| F-9  | UL300302          | HOSE JOINT                           | R 1/4" M - M8X6     |
| F-10 | UL300018          | SWIVEL JOINT                         | R 1/4" M - G 1/4" F |
| F-11 | UL300012          | NIPPLE                               | G 1/4" M - R 1/4" M |
| F-12 | 96990412          | PLUG                                 | R 1/4"              |



### TF-8N for ALS-423 | ALS-433 MSU-323 C | MSU-423 TX | MSU-433 TX | MSU-113N

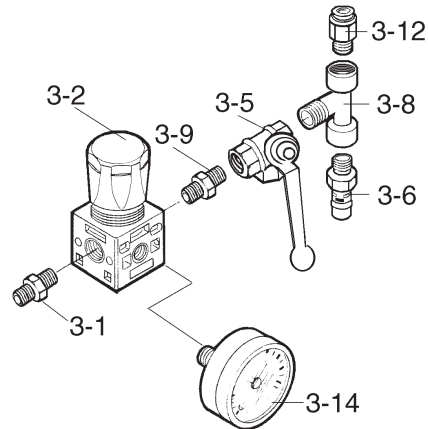
| Ref. | Code            | Description                      |                     |
|------|-----------------|----------------------------------|---------------------|
|      | <b>04935360</b> | <b>TF-8N COMPLETE FILTER SET</b> |                     |
| D-1  | 0457000200      | BODY                             |                     |
| D-2  | 0457000100      | CYLINDER                         |                     |
| D-3  | 0457000300      | SCREW                            |                     |
| D-4  | 0457000400      | NUT                              |                     |
| D-5  | 96639045        | O RING                           |                     |
| D-6  | AG10005000      | FILTER 60 Mesh                   |                     |
| D-6  | VFM2503         | FILTER 100 Mesh                  |                     |
| D-7  | UL300453        | NIPPLE                           | R 1/4" M - R 3/8" M |
| D-8  | UL30090100      | DRAIN VALVE                      | G 1/4" FF           |
| D-9  | UL300302        | HOSE JOINT                       | R 1/4" M - M8X6     |
| D-10 | UL300402        | UNION JOINT                      | MF 3/8"             |
| D-11 | UL30046300      | FLUID OUTPUT JOINT               | M 3/8" - G 1/4" M   |



## AIR REGULATORS

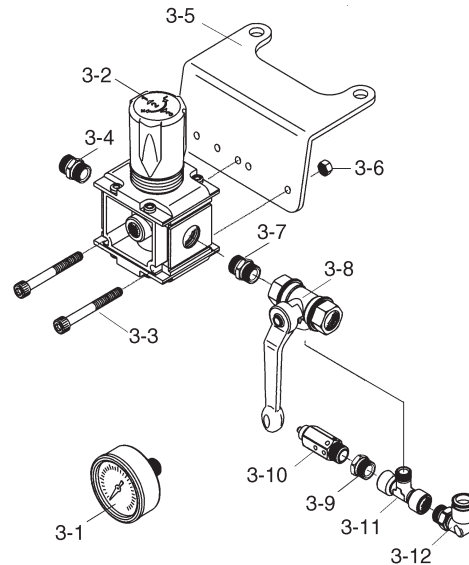
### AIR REGULATOR for ALS-333 C

| Ref. | Code              | Description                  |                 |
|------|-------------------|------------------------------|-----------------|
|      | <b>0200309101</b> | <b>AIR REGULATOR SET</b>     |                 |
| 3-1  | UL30010501        | SPECIAL NIPPLE               | G1/4" M-R 1/4"M |
| 3-2  | UI00070000        | AIR REGULATOR                | G1/4"           |
| 3-5  | UL30034901        | BALL VALVE WITH EXHAUST HOLE | G 1/4" FF       |
| 3-6  | UL30036000        | SAFETY VALVE                 | G 1/4"          |
| 3-8  | UL30030000        | "T" JOINT                    | 1/4" F/M/F      |
| 3-9  | UL300101          | NIPPLE                       | 1/4" MM         |
| 3-12 | UL300312          | QUICK JOINT                  | 1/4" M          |
| 3-14 | 02004003          | PRESSURE GAUGE               | (Optional)      |



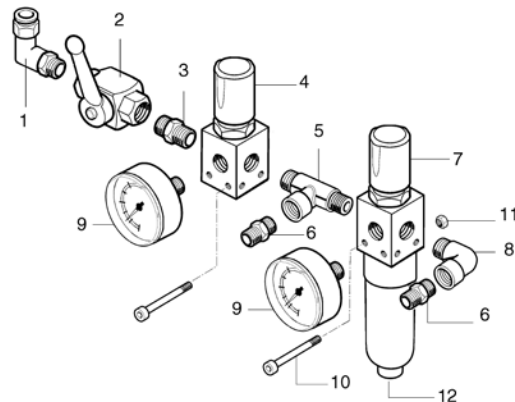
### AIR REGULATOR ALS-433 C | ALS-433 | ALS-423 TX

| Ref  | Code              | Description              |            |
|------|-------------------|--------------------------|------------|
|      | <b>0200309401</b> | <b>AIR REGULATOR SET</b> |            |
| 3-1  | 02004003          | PRESSURE GAUGE           | (Optional) |
| 3-2  | UI00080000        | AIR REGULATOR 3/8"       |            |
| 3-3  | UL30061900        | SCREW                    |            |
| 3-4  | 0475050110        | JOINT G1/4"- R 3/8"      |            |
| 3-5  | UL00005200        | PLATE                    |            |
| 3-6  | UL30070600        | NUT                      |            |
| 3-7  | UL30010200        | NIPPLE R3/8"             |            |
| 3-8  | UL30034801        | 3 WAY VALVE 3/8"         |            |
| 3-9  | UL300163          | REDUCTION R3/8" G1/4" MF |            |
| 3-10 | UL30036000        | SAFETY VALVE G 1/4"      |            |
| 3-11 | UL30029800        | "T" JOINT 3/8" F/M/F     |            |
| 3-12 | UL30031300        | QUICK JOINT 3/8" 10x12   |            |



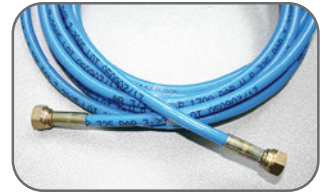
### AIR REGULATOR for MSU 11N and MSU 32N

| Ref | Code            | Description                     |                 |
|-----|-----------------|---------------------------------|-----------------|
|     | <b>04931361</b> | <b>AIR REGULATOR SET</b>        |                 |
| 1   | UL300309        | "L" QUICK COUPLING              | 1/4"M           |
| 2   | UL30034901      | BALL VALVE WITH EXHAUST HOLE    | G 1/4" FF       |
| 3   | UL300101        | NIPPLE                          | 1/4" MM         |
| 4   | UI00070001      | AIR REGULATOR                   | G 1/4"          |
| 5   | UL300303        | UNION "T" JOINT                 | G1/4"F-R1/4"MM  |
| 6   | UL30010501      | SPECIAL NIPPLE                  | G1/4" M-R 1/4"M |
| 7   | UI00070101      | AIR REGULATOR + FILTER          | G 1/4"          |
| 8   | UL300201        | "L" JOINT 1/4" MF               |                 |
| 9   | 92004003        | PRESSURE GAUGE                  | (Optional)      |
| 10  | 06350455        | HEXAGON SOCKET BOLT (POST 2018) | (Optional)      |
| 11  | UL300700        | HEXAGON NUT                     |                 |
| 12  | MC1-F71         | WATER SEPARATOR BOWL            |                 |
|     | MC1-R3          | BLANK (NO BOWL)                 |                 |



## MEDIUM & HIGH PRESSURE HOSES

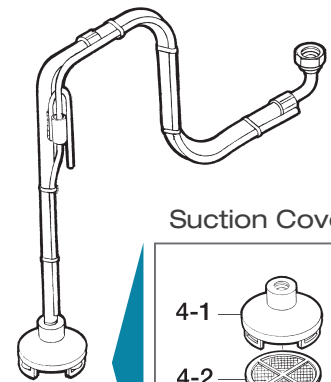
| Code                                          | Description     |       | Length | Type  | Nipples   |
|-----------------------------------------------|-----------------|-------|--------|-------|-----------|
| HIGH PRESSURE HOSES (Fluid) for AIRLESS UNITS |                 |       |        |       |           |
| 8250N                                         | NPM325 25' HOSE | 3/16" | 25'    | FLUID | 1/4"-1/4" |
| 8251N                                         | NPM350 50' HOSE | 3/16" | 50'    | FLUID | 1/4"-1/4" |



## DIP TUBE with FILTER

| Ref                                                               | Code       | Description                                                          |
|-------------------------------------------------------------------|------------|----------------------------------------------------------------------|
| SUCTION ROD for ALS-333 C   ALS-433 C   ALS-453 C   MSU-323 C     |            |                                                                      |
|                                                                   | 0101009000 | SUCTION ROD SET with 50 MESH FILTER M15                              |
| 4                                                                 | UL10000701 | COMPLETE COVER SET (50 MESH)                                         |
| 4-2                                                               | 0040720100 | FILTER 50 MESH                                                       |
| 4-2                                                               | VFM3012    | FILTER 100 MESH                                                      |
| 4-3                                                               | 00407203   | FILTER STOPPER                                                       |
| SUCTION ROD for ALS-423 TX   ALS-433 TX   MSU-423 TX   MSU-433 TX |            |                                                                      |
|                                                                   | 0101030000 | SUCTION ROD SET WITH STAINLESS STEEL CONNECTION - FILTER 30 MESH     |
| 4                                                                 | UL10001801 | COMPLETE COVER SET (30 MESH)                                         |
| 4-2                                                               | 0040720400 | FILTER 30 MESH                                                       |
| 4-3                                                               | 00407203   | FILTER STOPPER                                                       |
|                                                                   | 0101010000 | SUCTION ROD SET with STAINLESS STEEL CONNECTION - 50 MESH FILTER M15 |
| 4                                                                 | UL10000701 | COMPLETE COVER SET (50 MESH)                                         |
| 4-2                                                               | 0040720100 | FILTER 50 MESH                                                       |
| 4-2                                                               | VFM3012    | FILTER 100 MESH                                                      |
| 4-3                                                               | 00407203   | FILTER STOPPER                                                       |
|                                                                   | 0101040000 | SUCTION ROD SET WITH STAINLESS STEEL CONNECTION - FILTER 50 MESH     |
| 4                                                                 | UL10000701 | COMPLETE COVER SET (50 MESH)                                         |

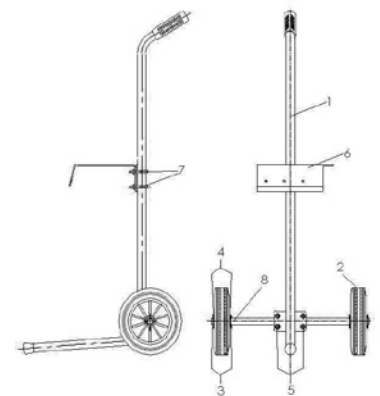
Suction Rod



Suction Cover

## WHEEL CART for MSU-113N

| Ref. | Code     | Description    |
|------|----------|----------------|
|      | 04320150 | WHEEL CART SET |
| 1    | 04930360 | FRAME SET      |
| 2    | UL200001 | WHEEL          |
| 3    | UL300811 | SPLIT PIN      |
| 4    | Z00019   | WASHER         |
| 5    | 06991930 | U BOLT         |
| 6    | 04306150 | PUMP BASE      |
| 7    | 04319150 | U BOLT         |
| 8    | 04330150 | SHAFT          |



## DRAIN OPERATING VALVE SET for MSU-113N

| Ref. | Code       | Description               |
|------|------------|---------------------------|
|      | 04326160   | DRAIN OPERATING VALVE SET |
| 1    | 06858141   | ELBOW MM                  |
| 2    | 06641103   | "T" JOINT FFF             |
| 3    | UL300453   | NIPPLE R 1/4" M- R 3/8" M |
| 4    | UL30090100 | DRAIN VALVE G 1/4" FF     |
| 5    | 96891239   | HOSE JOINT                |
| 6    | UL300402   | UNION JOINT MF 3/8"       |

