

# ARO®

## ARO® CLEANING SOLUTIONS

PNEUMATIC HIGH PRESSURE SPRAY WASH SYSTEMS





# Efficient Cleaning For Your Heavy Duty Needs

Industrial cleaning is a critical step in today's manufacturing and transport operations. The ARO® wash pump is a pneumatically driven, portable high pressure cleaning system, ideal for hazardous and heavy duty applications where electric power cannot be used. Driven by the reliable AFX air motor and stainless steel 2 ball lower piston pump, it offers customers easy and economical maintenance for minimal downtime.

- ▶ Plug and play - connect to a suitable air supply and operate
- ▶ Easy maintenance - individual components and pump service kits are available for a complete aftermarket service
- ▶ Reliable - designed by ARO® in full stainless steel for long life and industrial heavy duty use
- ▶ Global service - a large international network of ARO® certified service centers
- ▶ ARO® Warranty - 5 year warranty



**Hot and Cold Operations:** all materials are certified to work with water and detergent up to 95°C (203°F)

**ATEX CE Certified** - suitable for hazardous, gas and dust environments, zone 1, II 3 GD and IIB T6



**ARO® AFX Motor** All pumps are equipped with our efficient, reliable and easy to maintain AFX Motor

**Very High Quality:** all metallic parts of the low pump and the supporting structure are made of high quality stainless steel in order to guarantee durability in extremely aggressive environments

**High Displacement Pump:** with up to one liter per cycle the ARO® Wash Pump provides high flow rate



Chemical Processing



Marine Transport and Facilities



Natural Resources Extraction



Food & Beverage



General Industry

# Product Information

Information About The ARO® Clean Solutions

## Codification

AC	XX		XX		C	1	XXXXX		-	X	
	Air Motor Type		Pressure Ratio		Materials	Container Suitability	Lower pump model			Accessories	
	08	8" AFX air motor	10	10:1	Stainless Steel	Stub	1FF35	Please refer to pump operator's manual for details		0	Without material filter
	10	10" AFX air motor	15	15:1			1RK47		1	With material filter	
	12	12" AFX air motor	23	23:1							
			28	28:1							
			45	45:1							

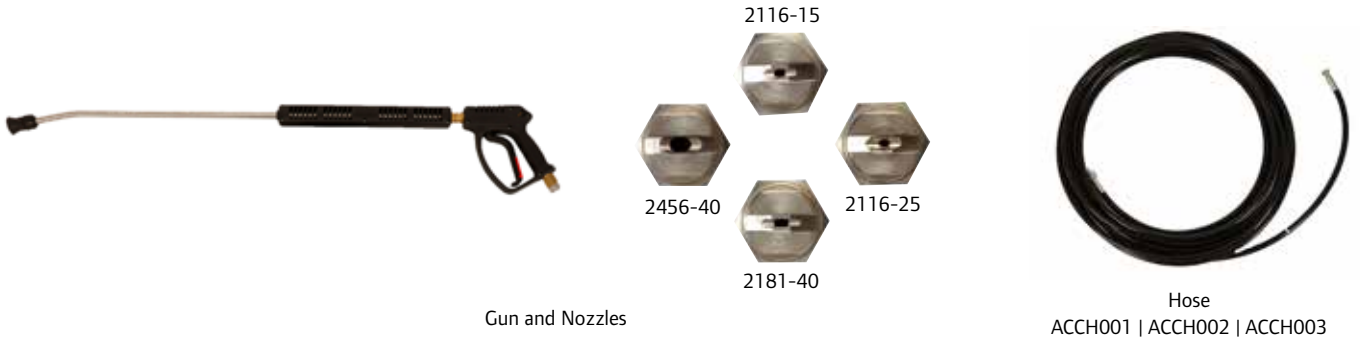
## Ordering information

Model	AC0810C11FF35-X	AC1015C11FF35-X	AC1223C11FF35-X	AC0828C11RK47-X	AC1045C11RK47-X
<b>Cart Frame</b>	66554-2-SS-SC	66554-2-SS-SC	66554-2-SS-SC	66554-2-SS-SC	66554-2-SS-SC
<b>Air motor*</b>	AF0860-01	AF1060-01	AF1260-01	AF0860-01	AF1060-01
<b>Lower Pump*</b>	66942-C6F	66942-C6F	66942-C6F	2094G11RK47	2094G11RK47
<b>Muffler Kit</b>	67445-3	67445-4	67445-5	67445-3	67445-4
<b>Siphon Tube</b>	ACSHHSS001	ACSHHSS001	ACSHHSS001	ACSHHSS001	ACSHHSS001
<b>Material Filter Adapter</b> (on ACXXXXC1XXXXX-1 only)	ACMFA001	ACMFA001	ACMFA001	ACMFA002	ACMFA002
<b>Material Filter Assembly</b> (on ACXXXXC1XXXXX-1 only)	651422-70	651422-70	651422-70	651422-70	651422-70
<b>Fluid Discharge Hose</b> (for ACXXXXC1XXXXX-1)	ACCH001	ACCH001	ACCH001	ACCH001	ACCH001
<b>Fluid Discharge Hose</b> (for ACXXXXC1XXXXX-0)	ACCH002	ACCH002	ACCH002	ACCH003	ACCH003
<b>Gun + Nozzles</b>	ACSG001	ACSG001	ACSG001	ACSG001	TBD
<b>*Service Kits</b>	<b>AC0810C11FF35-X</b>	<b>AC1015C11FF35-X</b>	<b>AC1223C11FF35-X</b>	<b>AC0828C11RK47-X</b>	<b>AC1045C11RK47-X</b>
<b>Air Motor Service Kit</b>	637489	637489	637489	637489	637489
<b>Lower Pump Service Kit</b>	637211-C63	637211-C63	637211-C63	637098-R43	637098-R43

## Technical Specifications

Part Number	Pump Package	Fluid Side					Air Side			
		Max Working Pressure	Fluid Flow @ 60 cycles/min	Volume per cycle	Fluid inlet size	Fluid outlet size	Air Motor Size	Air Inlet size	Min air input pressure	Max air input Pressure
AC0810C11FF35-X	10:1 Cart Mounted	80 bar	58,9 l/min	980 cc	2" NPT(F)	1 1/4" NPT(F)	8"	1/2 NPT(F)	-	8,3 bar
AC1015C11FF35-X	15:1 Cart Mounted	90 bar	58,9 l/min	980 cc	2" NPT(F)	1 1/4" NPT(F)	10"	3/4 NPT(F)	2,1 bar	6,2 bar
AC1223C11FF35-X	23:1 Cart Mounted	140 bar	58,9 l/min	980 cc	2" NPT(F)	1 1/4" NPT(F)	12"	3/4 NPT(F)	2,1 bar	6,2 bar
AC0828C11RK47-X	28:1 Cart Mounted	230 bar	20,3 l/min	338 cc	2" NPT(F)	1" NPT(F)	8"	1/2 NPT(F)	2,1 bar	8,3 bar
AC1045C11RK47-X	45:1 Cart Mounted	280 bar	20,3 l/min	338 cc	2" NPT(F)	1" NPT(F)	10"	3/4 NPT(F)	2,1 bar	6,2 bar

## Accessories



Nozzle*	Equivalent diameter [mm]	Spray angle	Flow Rate [l/min] for different pressure points [bar]							
			20	30	50	70	100	150	200	250
2116-15	1,42	15	5,1	6,2	8,1	9,5	11,4	14	16	19
2116-25	1,42	25	5,1	6,2	8,1	9,5	11,4	14	16	19
2181-40	1,76	40	8,1	9,9	12,8	15,1	18,1	22,2	25,6	30
2456-40**	2,76	40	20,4	25	32,2	38,2	45,4	55,8	-	-

\*Other nozzles can be provided upon request

\*\*Not available with ACXXXXC11RK47-X, do not exceed 150 bars pressure for ACXXXXC11FF35-X when using 2456-40 nozzle

# ARO®

ARO® is a brand of Ingersoll Rand. Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results. For more information, visit [www.ingersollrand.com](http://www.ingersollrand.com).