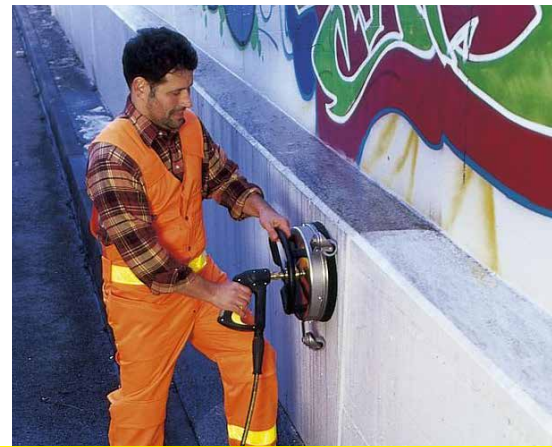


# KÄRCHER

makes a difference



## IMPRESSIVE CLEANING ABILITY, INSIDE AND OUT

Hard-surface cleaners for hot or cold water pressure washers.

# SURFACE CLEANERS



## Diverse performance, built to last.

Surface cleaners offer a massive area performance and clean without splashing. They come with a plastic and stainless steel hood for hot water cleaning applications.

## TECHNICAL DATA

		Order no.	Flow rate	Diameter	Description	
<b>Surface Cleaner FR Classic</b>						
Surface Cleaner FR Classic; EASY!Lock threading - nozzles sold separately	1	2.111-016.0	2.6 GPM	12"	The entry-level model of Kärcher Hard surface cleaner for the splash-proof cleaning of surfaces in indoor and outdoor applications. Nozzle kit has to be ordered separately. Max. 150 bar / 600 l / h / 40 °C .	
Surface Cleaner FR Classic DIY - includes nozzle kit	2	2.111-017.0	2.6 GPM	12"		
<b>Hard surface cleaner FR TR 30 ME</b>						
Hard surface cleaner FR TR 30 ME; EASY!Lock threading - nozzles sold separately	3	2.111-013.0		12"	<p>The FR TR 30 ME hard surface cleaner is an indispensable accessory for efficient and economical professional cleaning - both indoor and outdoor. Rotating Power Nozzles, protected by a stainless steel housing, boost your cleaning coverage area by a factor of 10!</p> <p>With the FR TR 30 ME, you save time and achieve perfectly uniform results without splashing or getting wet. Equipped with an integrated vacuum connection, the FR TR 30 ME is ideal for cleaning indoor areas that would be impractical with other surface cleaners. Wall cleaning is just as convenient thanks to ergonomic handles and direct connection to a trigger gun. Use with both cold and hot water pressure washers. The versatility of the FR TR 30 ME is appreciated in workshops and industrial kitchens, as well as by contract cleaners and municipalities.</p> <p>Maximum pressure: 3625 PSI Max temperature: 175° F</p>	
<b>Hard surface cleaner FR 50 ME</b>						
Hard surface cleaner FR 50 ME; EASY!Lock threading	4	2.111-023.0		20"	<p>With a 20" cleaning area, the FR 50 ME provides a greatly increased coverage area to make quick work of bigger cleaning jobs. The rotating nozzle beam has a swivel joint with ceramic bearings, and is built with a durable rust-free stainless steel housing that connects directly to standard Kärcher trigger guns. The unit's handle design and three non-marking casters ensure easy operation. Detergents can be added through a low pressure valve. Use with Kärcher Power Nozzles (sold separately) for the most thorough and uniform cleaning possible.</p> <p>Maximum pressure: 3625 PSI Max temperature: 175° F</p>	
<b>Machine-specific nozzle kit for FR</b>						
Nozzle packet for surface cleaners nozzles sold separately	5	2.640-482.0	1.9-2.1 GPM		Unit specific nozzle kit: Kärcher power nozzle for surface cleaners.	
	6	2.640-401.0	2.2-2.9 GPM			
	7	2.639-187.0	2.9-4.0 GPM			
	8	2.640-442.0	4.0-4.9 GPM			
	9	2.639-188.0	4.8-5.7 GPM			
	10	2.640-781.0	5.7-7.9 GPM			
	11	2.640-282.0	8.0-9.7 GPM			
	12	2.885-436.0				Nozzle packet for FR Classic, FR Classic DIY, Pro HD 400 and 600
	13	2.885-313.0				Nozzle packet for FR Classic, Pro HD 400
	14	2.885-312.0				Nozzle packet for FR Classic
	<b>Adapters</b>					
	Adaptor to connect gun directly to FR 30	15	4.402-022.0			
	Adaptor to connect gun directly to FR 30; EASY!Lock threading	16	4.111-038.0			

# TECHNICAL DATA CONTINUED



		Order no.	Flow rate	Diameter	Description
<b>Hard surface cleaner FRV 30</b>					
Hard surface cleaner FRV 30; EASY!Lock threading - nozzles sold separately	17	2.111-010.0		12"	FRV 30 with integrated, automatic dirty water pickup makes cleaning even more efficient - suitable for indoor and outdoor use. Rinsing after cleaning is unnecessary as the dirty water can be conveniently removed with the supplied 5 m suction hose. Non-marking swivel castors and double ceramic bearings are further quality features. Order unit-specific nozzle kit separately.
Extension hose	18	4.440-939.0			5 m, includes adapter
Adapter	19	4.402-022.0			18 mm x 22 mm Adaptor to connect gun directly to FR30
Adapter; EASY!Lock threading	20	4.111-022.0			
Dirt Trap	21	2.642-532.0			Galvanized steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.
Suction cup kit for extension hose	22	2.642-528.0			Suction cup for fixing the suction hose to smooth surfaces.
Extension hose	23	4.441-040.0			Extension suction hose, 16' with coupling (fits FRV 30 Me)
<b>Machine-specific nozzle kit for FRV</b>					
Nozzle packet for surface cleaners nozzles sold separately	24	2.642-430.0	1.9-2.1 GPM		Unit specific nozzle kit: Kärcher power nozzles and venturi nozzle for FRV 30.
	25	2.642-431.0	2.2-2.9 GPM		
	26	2.642-432.0	2.9-4.0 GPM		
	27	2.642-433.0	4.0-4.9 GPM		
<b>Hard surface cleaner FRV 50 ME</b>					
Hard surface cleaner FRV 50 ME	28	2.643-598.0			Hard surface cleaner FRV 50 ME
Hard surface cleaner FRV 50 ME; EASY!Lock threading	29	2.111-024.0			Hard surface cleaner FRV 50 ME; EASY!Lock threading
FRV 50 Me suction hose	30	4.441-078.3			
FRV 50 Me extension hose	31	4.441-040.0			
FRV 50 Me attachment kit hose clamp	32	2.642-528.0			
FRV 50 Me kit mud	33	2.642-532.0			
<b>Power Nozzle for Hard surface cleaner FRV 50 ME</b>					
Power nozzle	34	2.642-430.0			FRV 50 Me power nozzle 035
	35	2.642-431.0			FRV 50 Me power nozzle 040
	36	2.642-432.0			FRV 50 Me power nozzle 045
	37	2.642-433.0			FRV 50 Me power nozzle 050
	38	2.642-982.0			FRV 50 Me power nozzle 080

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