

Pipeline and Flarestack

Flare Specifications

Expro has a wide selection of mobile smokeless flare stacks, with the majority being trailer mounted, self-erecting and not requiring any additional equipment for rig-up or operation.

Our inventory ranges from basic non-assisted vapor flares to air assisted dual phase flares that can burn liquid products; and small units for tight locations and burning small volumes to larger units that will cover miles of pipeline blow downs or temporary facility flares.

Expro flares are designed to be operated within federal and local environment regulation requirements and we can provide engineering support with specific modeling for flow, heat and noise as required.



For more information contact your local Expro representative:
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or email:
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Model	Height	Open tip area	Air chamber	Riser #1	Riser #2	Riser #3	Riser #4	Air assist type	MAWP	PRV	*DRE C1s-C3s	*DRE C4s +
FS4x20	20'	7.98" ID (0.34 ft ²)	4"	2"	N/A	N/A	N/A	700 cfm blower	275 psi	N/A	99%	98%
FS6x25LV	25'	7.98" ID (0.34 ft ²)	6"	2"	2"	N/A	N/A	1500 cfm blower	275 psi	N/A	99%	98%
FS6x25HO	25'	7.98" ID (0.34 ft ²)	6"	4"	2"	2"	2"	2000 cfm blower	275 psi	250 psi	99%	98%
FS16x30	30'	15.25" ID (1.26 ft ²)	16"	4"	2"	N/A	N/A	5000 cfm blower	275 psi	250 psi	99%	98%
FS16x35	35'	15.25" ID (1.26 ft ²)	16"	4"	4"	2"	N/A	6700 cfm blower	275 psi	N/A	99%	98%
FS16x50	50'	15.25" ID (1.26 ft ²)	16"	4"	4"	2"	2"	14000 cfm blower	275 psi	250 psi	99%	98%
FS24x50(A)	50'	23.25" ID (2.94 ft ²)	24"	4"	2"	N/A	N/A	6000 cfm blower	275 psi	N/A	99%	98%
FS24x50(B)	50'	23.25" ID (2.94 ft ²)	N/A	10"	4"	2"	N/A	2" Compressed Air/Steam	275 psi	N/A	99%	98%
FS6x50	50'	7.98" ID (0.34 ft ²)	N/A	6"	1"	N/A	N/A	1" Compressed Air/ Steam	275 psi	N/A	99%	98%
FS6x60	60'	15.25" ID (1.26 ft ²)	N/A	6"	2"	2"	1"	2" Compressed Air/ Steam	275 psi	N/A	99%	98%
FS8x100	100'	23.25" ID (2.94 ft ²)	N/A	8"	4"	3"	N/A	3" Compressed Air/ Steam	230 psi	N/A	99%	98%

Igniter and pilot systems	Power	Fuel	Gas rate	Sensor	Lit indication
Stackmatch	12v	Propane	4 scfh	Plasma sensor	Light
Tornado	12v	Propane	25 scfh	Thermocouple	Temperature readout

Certificate of compliance

Expro certifies that the above equipment is designed to meet and will be operated in accordance with the requirements of TAC 30 rule 106.492 and 40 CFR 60.18. This allows an assumption of 99% destruction efficiency for methane, ethane, propane, propylene and 98% on all other VOCs and HRVOCs.